

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079834.D
 Acq On : 03 Nov 2023 08:43
 Operator : JC\MD
 Sample : 05222-10MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MS

Quant Time: Nov 03 09:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	260654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229114	57.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.380%			
35) Dibromofluoromethane	8.171	113	178333	53.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.571	98	626555	50.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.853	95	207180	50.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	153550	48.907	ug/l	99
3) Chloromethane	2.365	50	201848	51.777	ug/l	97
4) Vinyl Chloride	2.512	62	248712	60.517	ug/l	98
5) Bromomethane	2.953	94	142002	56.867	ug/l	99
6) Chloroethane	3.118	64	169347	52.149	ug/l	99
7) Trichlorofluoromethane	3.500	101	246390	48.202	ug/l	98
8) Diethyl Ether	3.959	74	106852	55.085	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	126388	42.652	ug/l	100
10) Methyl Iodide	4.589	142	159900	47.253	ug/l	97
11) Tert butyl alcohol	5.518	59	119192	235.124	ug/l	97
12) 1,1-Dichloroethene	4.336	96	138498	49.364	ug/l #	82
13) Acrolein	4.177	56	127043	347.779	ug/l	98
14) Allyl chloride	5.024	41	229769	53.469	ug/l #	90
15) Acrylonitrile	5.718	53	455536	288.354	ug/l	100
16) Acetone	4.424	43	348948	250.159	ug/l	93
17) Carbon Disulfide	4.712	76	382322	47.242	ug/l	98
18) Methyl Acetate	5.018	43	331199	49.628	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	533290	55.209	ug/l	93
20) Methylene Chloride	5.277	84	184922	52.539	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	161867	51.729	ug/l #	79
22) Diisopropyl ether	6.671	45	603663	60.618	ug/l #	90
23) Vinyl Acetate	6.606	43	1445631	263.174	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	345190	57.030	ug/l	97
25) 2-Butanone	7.483	43	589305	288.502	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	205523	41.057	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	199240	53.230	ug/l	86
28) Bromochloromethane	7.812	49	177209	60.076	ug/l #	76
29) Tetrahydrofuran	7.835	42	389884	293.374	ug/l #	75
30) Chloroform	7.965	83	353061	53.700	ug/l	97
31) Cyclohexane	8.259	56	214764	40.927	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	281033	52.460	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	234383	49.044	ug/l	94
37) Ethyl Acetate	7.565	43	218727	49.904	ug/l #	91
38) Carbon Tetrachloride	8.365	117	239464	49.719	ug/l	99
39) Methylcyclohexane	9.600	83	176610	39.268	ug/l #	84
40) Benzene	8.606	78	748536	52.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	136784	58.770	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	286518	57.305	ug/l	98
43) Isopropyl Acetate	8.688	43	376480	48.980	ug/l #	91
44) Trichloroethene	9.353	130	176350	49.650	ug/l	99
45) 1,2-Dichloropropane	9.624	63	205769	56.252	ug/l	98
46) Dibromomethane	9.712	93	137228	54.941	ug/l	95
47) Bromodichloromethane	9.888	83	282940	53.116	ug/l	99
48) Methyl methacrylate	9.682	41	197320	58.609	ug/l #	78
49) 1,4-Dioxane	9.694	88	58986	991.537	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1249602	288.769	ug/l	89
52) Toluene	10.629	92	439694	51.815	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	265580	50.858	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	283474	49.803	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	188876	55.338	ug/l	96
56) Ethyl methacrylate	10.876	69	272672	56.007	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	333367	55.411	ug/l	100
59) 2-Hexanone	11.194	43	899480	271.713	ug/l	88
60) Dibromochloromethane	11.359	129	198193	54.248	ug/l	100
61) 1,2-Dibromoethane	11.471	107	183338	53.518	ug/l	98
64) Tetrachloroethene	11.106	164	134300	48.371	ug/l	96
65) Chlorobenzene	11.894	112	453323	48.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	178268	53.207	ug/l	98
67) Ethyl Benzene	11.965	91	795052	49.072	ug/l	94
68) m/p-Xylenes	12.070	106	593885	98.400	ug/l	95
69) o-Xylene	12.400	106	295535	50.851	ug/l	94
70) Styrene	12.412	104	500777	53.616	ug/l	97
71) Bromoform	12.582	173	132836	55.835	ug/l #	99
73) Isopropylbenzene	12.694	105	693036	46.905	ug/l	100
74) N-amyl acetate	12.494	43	301992	46.826	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	271959	51.914	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	232491m	50.867	ug/l	
77) Bromobenzene	12.982	156	181427	50.154	ug/l	94
78) n-propylbenzene	13.035	91	807897	47.748	ug/l	97
79) 2-Chlorotoluene	13.129	91	516357	47.771	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	579945	50.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	73389	43.687	ug/l	86
82) 4-Chlorotoluene	13.223	91	515353	47.980	ug/l	99
83) tert-Butylbenzene	13.441	119	457262	48.595	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	581654	51.428	ug/l	99
85) sec-Butylbenzene	13.617	105	623562	47.831	ug/l	99
86) p-Isopropyltoluene	13.729	119	512296	48.198	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	319443	47.470	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	322504	47.216	ug/l	98
89) n-Butylbenzene	14.059	91	421010	45.988	ug/l	97
90) Hexachloroethane	14.335	117	99109	47.083	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	315967	49.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46849	52.735	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	139580	46.210	ug/l	98
94) Hexachlorobutadiene	15.500	225	60554	44.223	ug/l	99
95) Naphthalene	15.641	128	444868	43.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139297	47.046	ug/l	97

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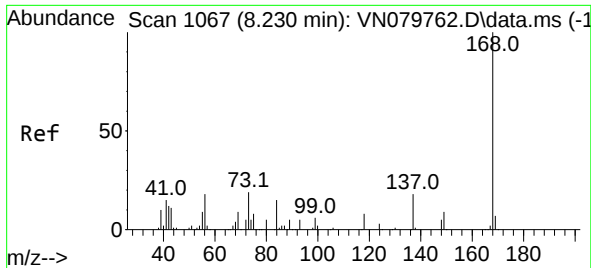
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/03/2023

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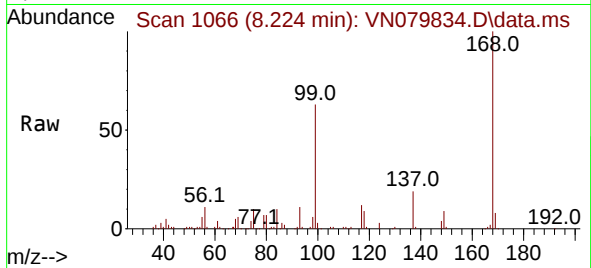
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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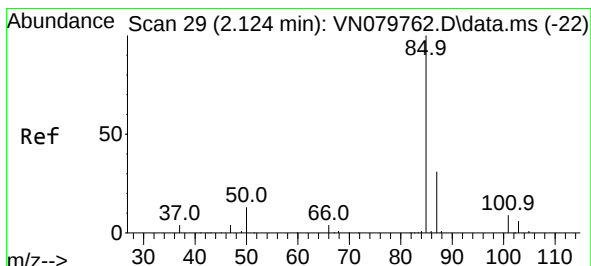
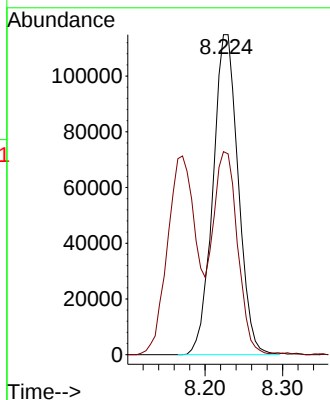
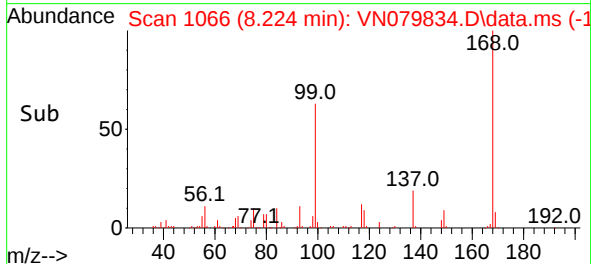
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion:168 Resp: 260654
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6

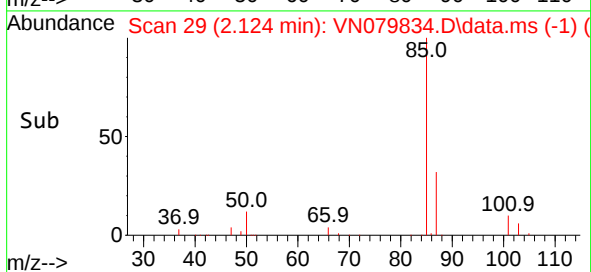
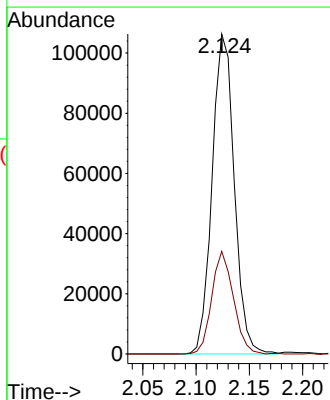
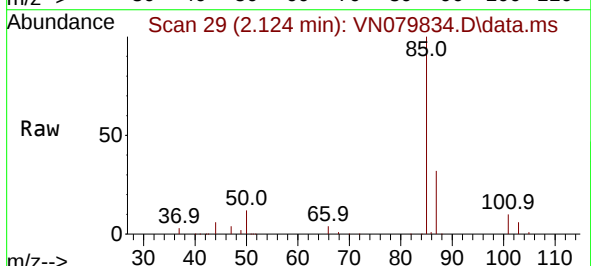
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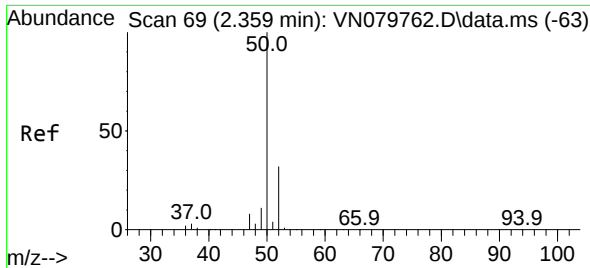
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#2
Dichlorodifluoromethane
Concen: 48.907 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

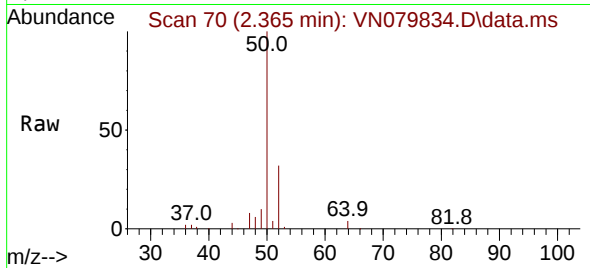
Tgt Ion: 85 Resp: 153550
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 51.777 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

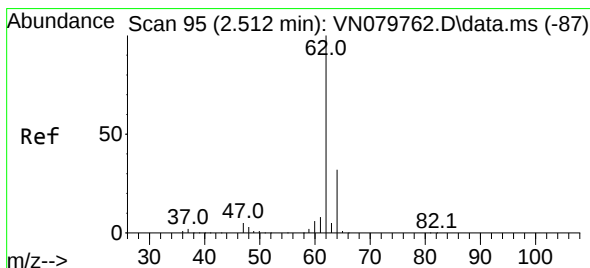
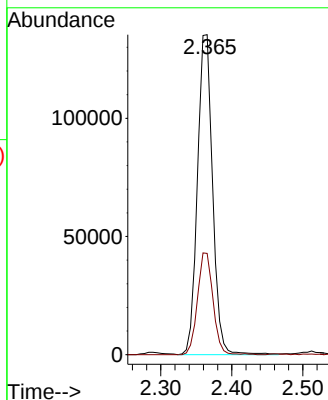
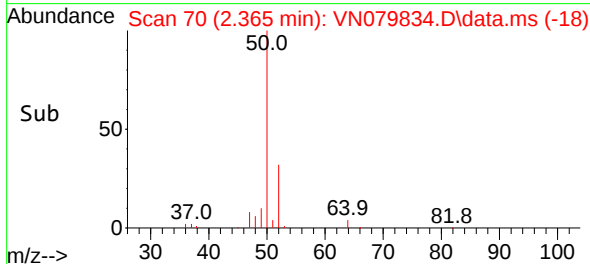
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Tgt Ion: 50 Resp: 201848
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

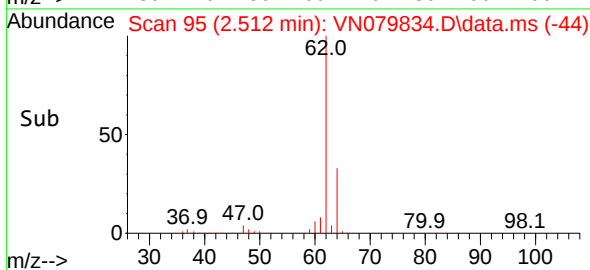
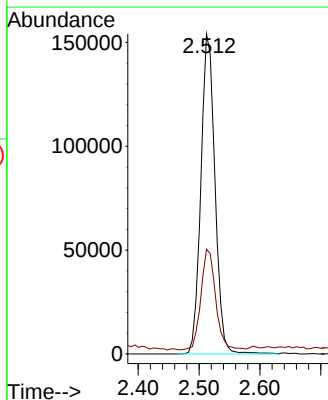
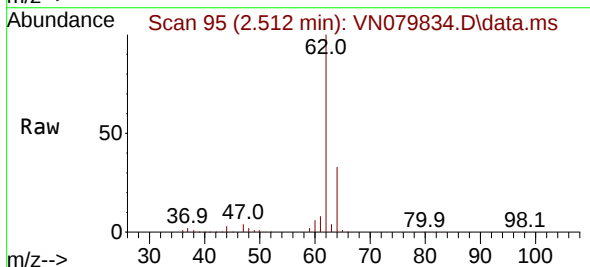
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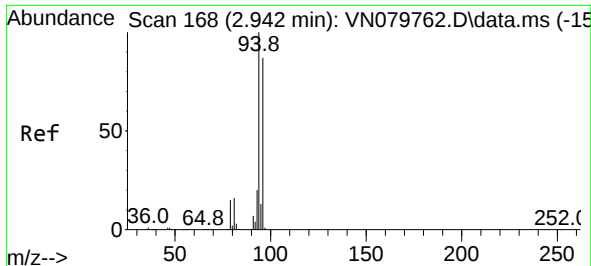
Reviewed By :John Carlone 11/03/2023
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#4
Vinyl Chloride
Concen: 60.517 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

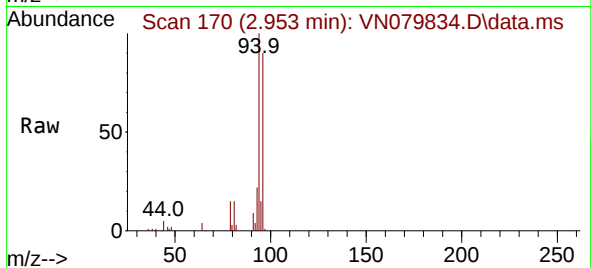
Tgt Ion: 62 Resp: 248712
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 56.867 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

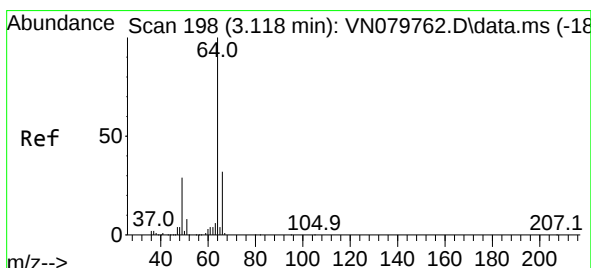
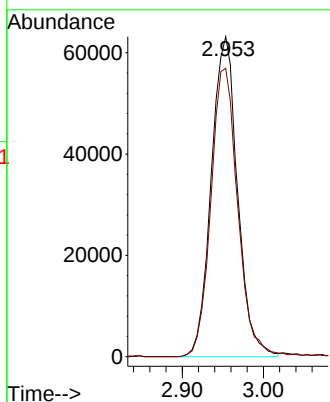
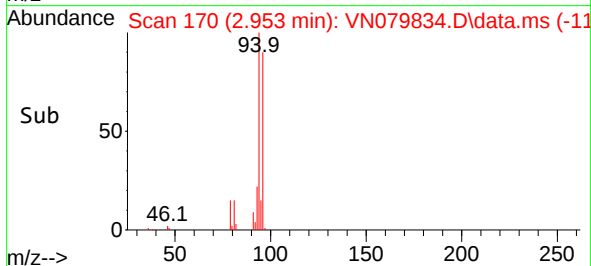
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Tgt Ion: 94 Resp: 14200
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

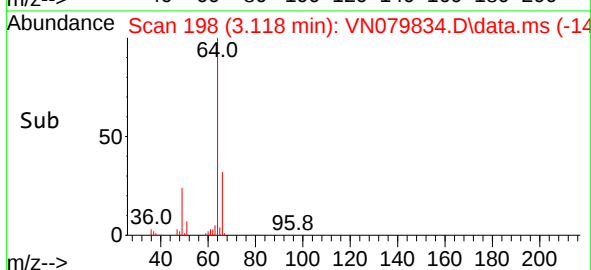
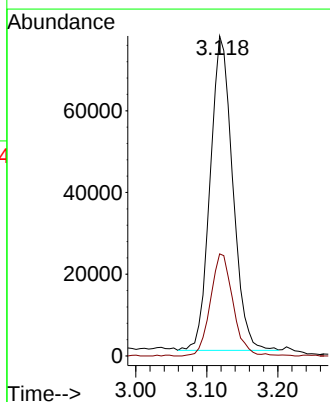
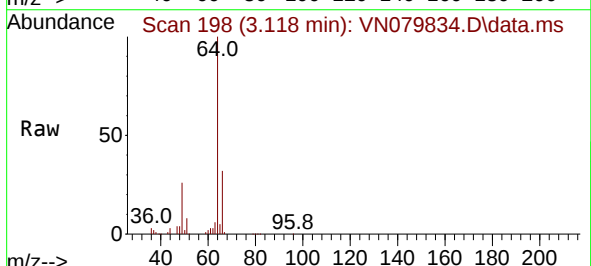
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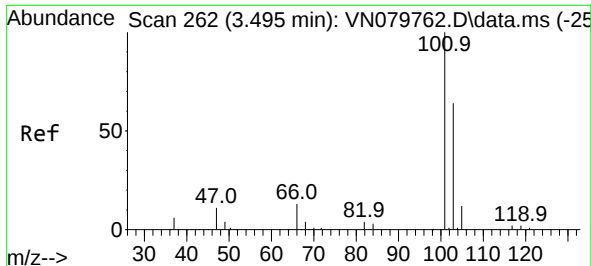
Reviewed By :John Carlone 11/03/2023
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#6
Chloroethane
Concen: 52.149 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 169347
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





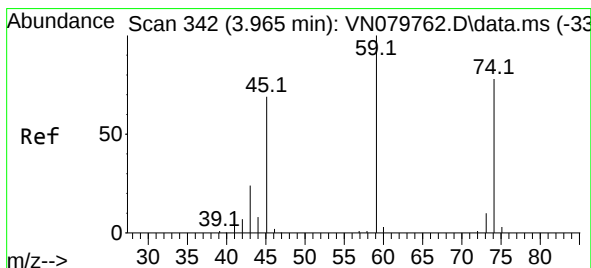
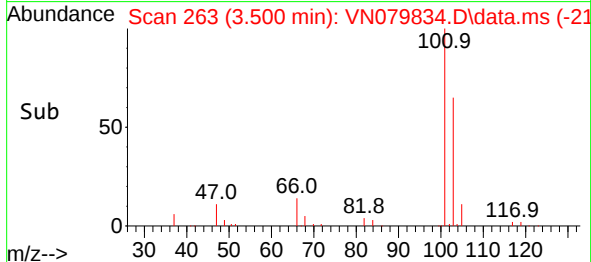
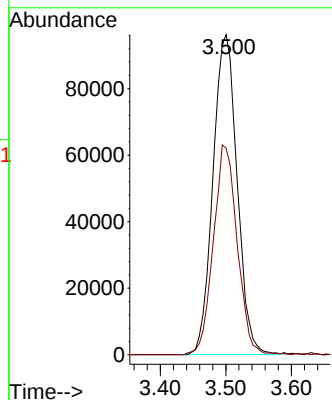
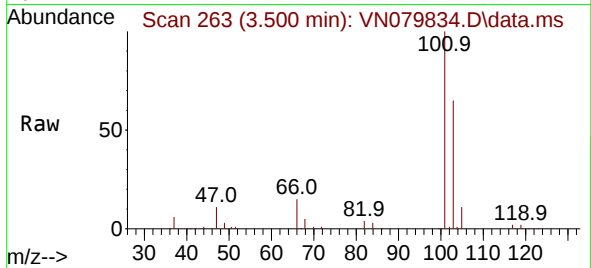
#7
Trichlorofluoromethane
Concen: 48.202 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079834.D
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FSND-MW-EVAL-02D-20231101MS

Tgt Ion:101 Resp: 246390
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

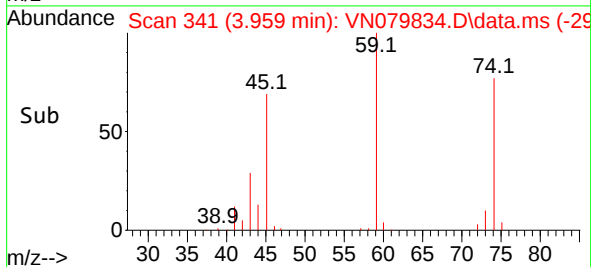
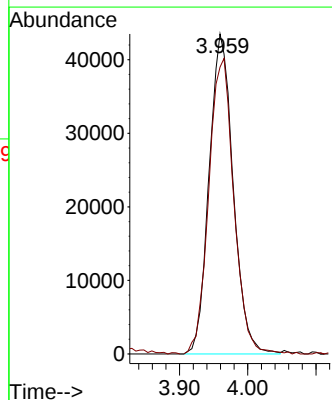
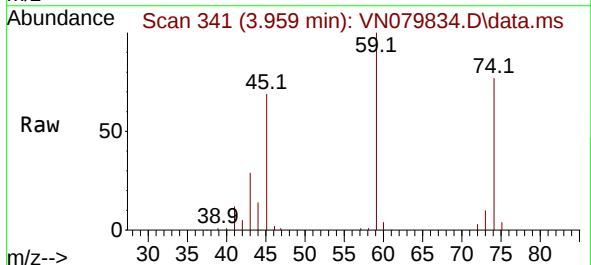
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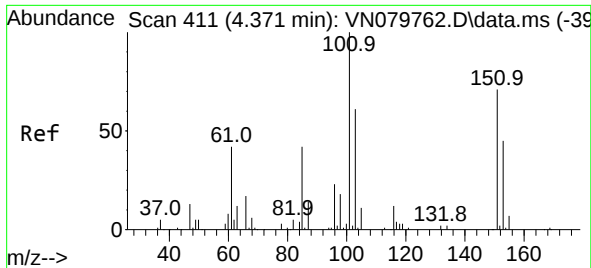
Reviewed By :John Carlone 11/03/2023
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#8
Diethyl Ether
Concen: 55.085 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 74 Resp: 106852
Ion Ratio Lower Upper
74 100
45 96.3 34.4 103.3





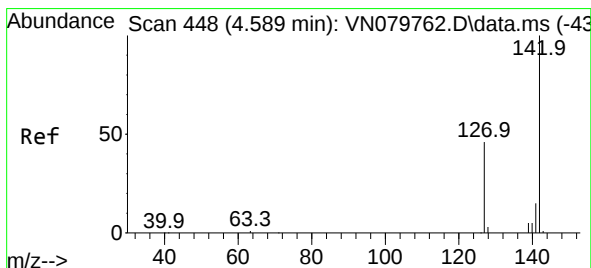
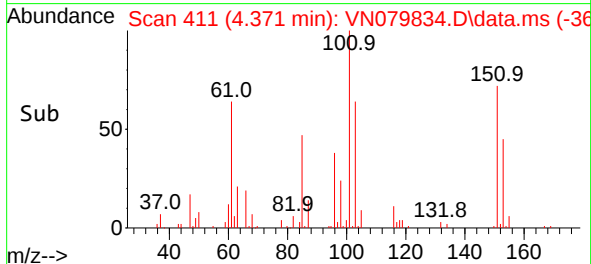
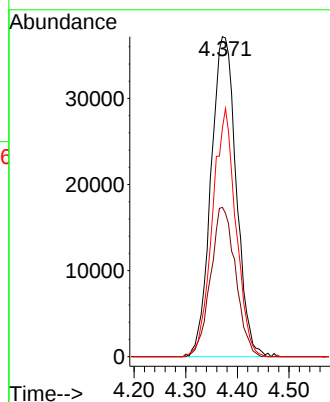
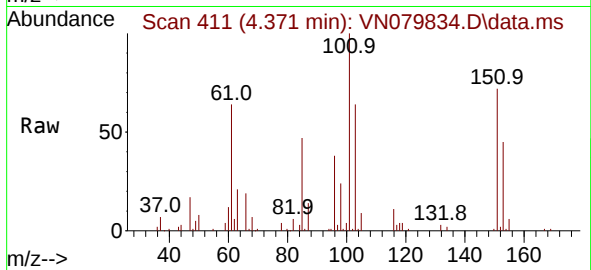
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.652 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS

Tgt Ion:101 Resp: 12638
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 71.9 57.6 86.4

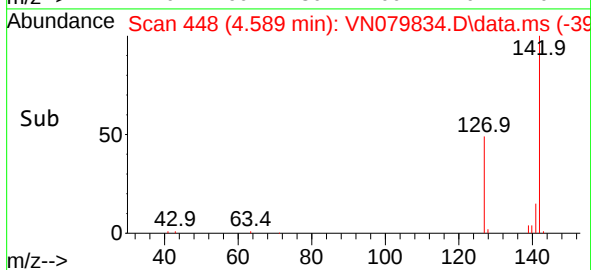
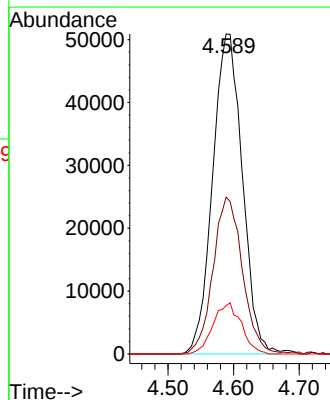
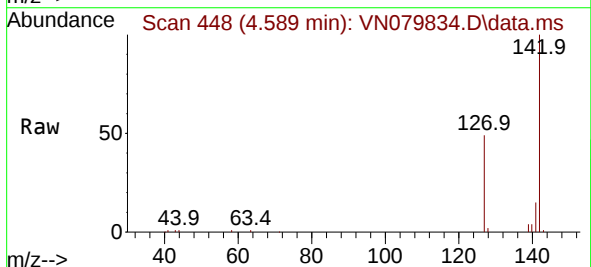
Manual Integrations
APPROVED

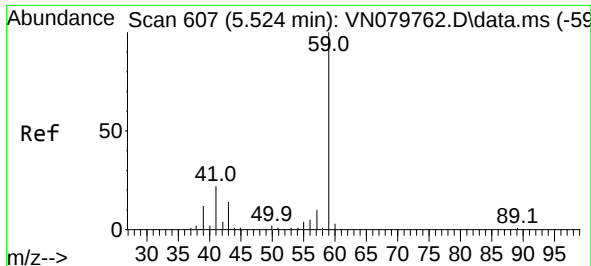
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#10
Methyl Iodide
Concen: 47.253 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

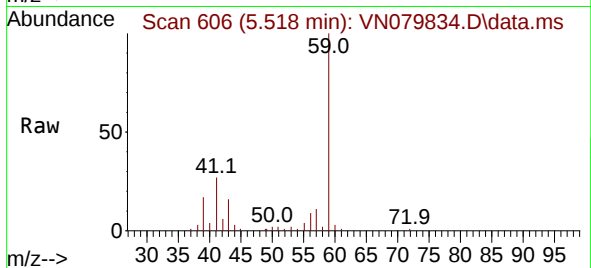
Tgt Ion:142 Resp: 159900
Ion Ratio Lower Upper
142 100
127 49.0 37.6 56.4
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 235.124 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

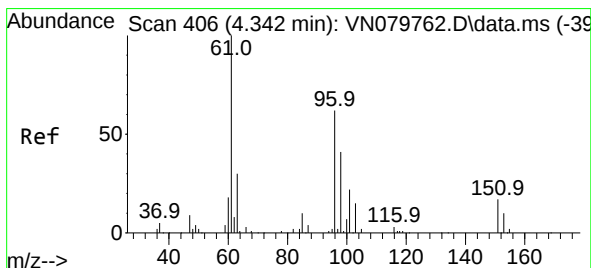
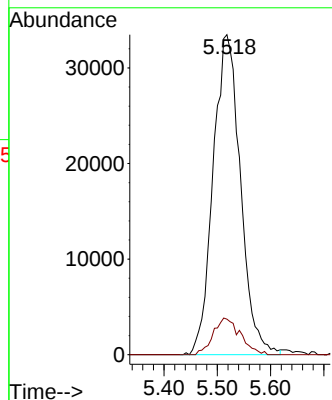
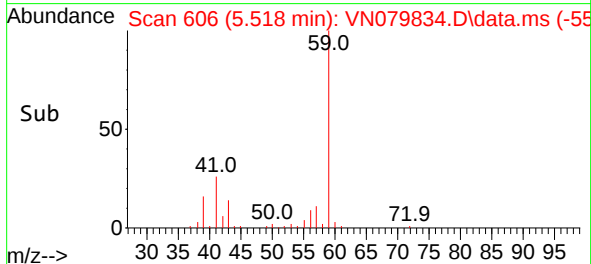
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



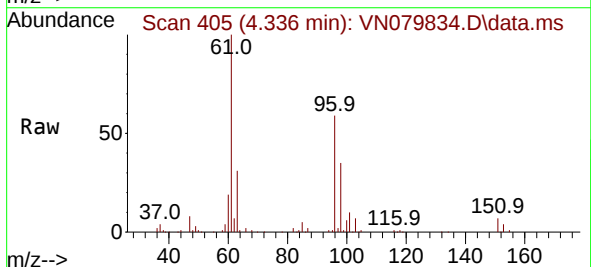
Tgt Ion: 59 Resp: 119192
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

Manual Integrations
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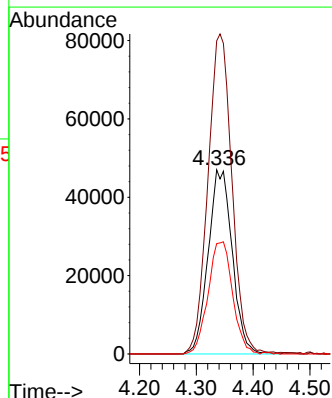
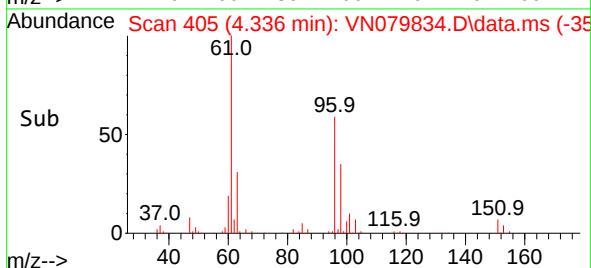
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

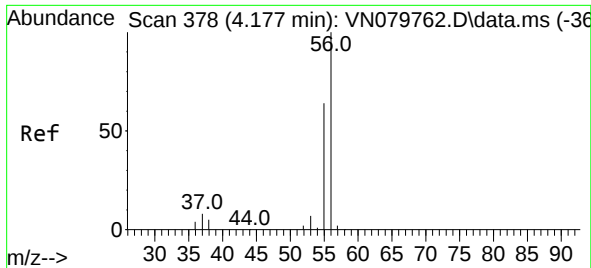


#12
1,1-Dichloroethene
Concen: 49.364 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



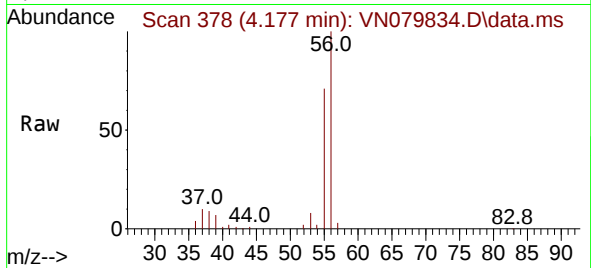
Tgt Ion: 96 Resp: 138498
Ion Ratio Lower Upper
96 100
61 169.9 112.7 169.1#
98 59.9 51.2 76.8





#13
Acrolein
Concen: 347.779 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

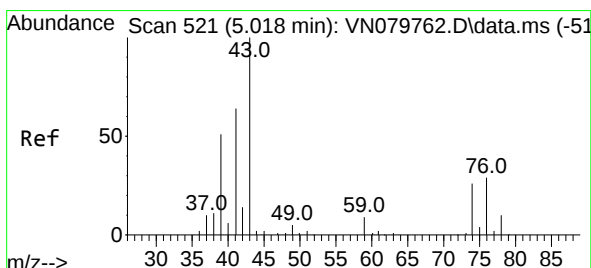
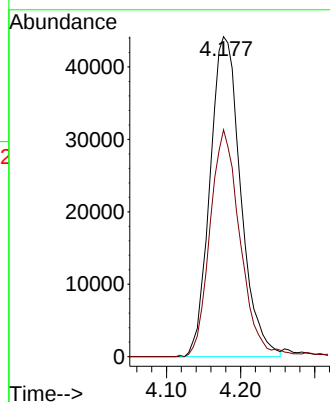
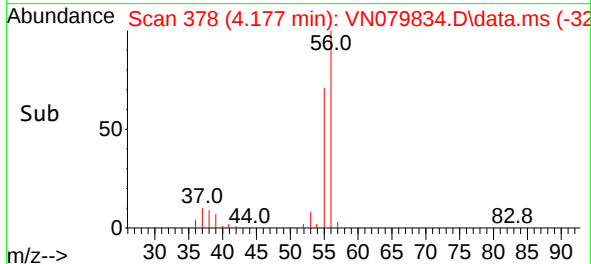
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



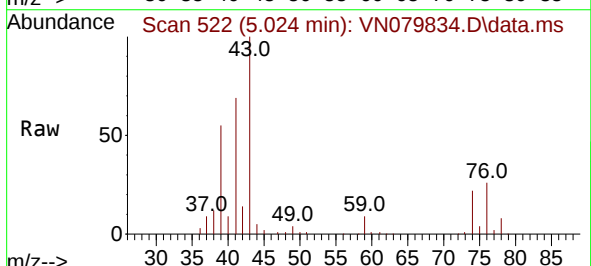
Tgt Ion: 56 Resp: 12704
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

Manual Integrations
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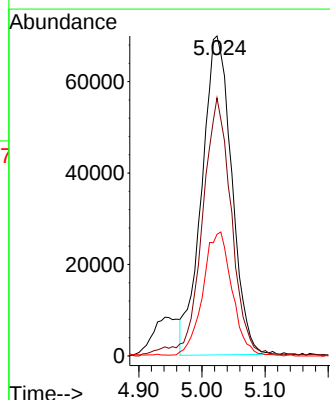
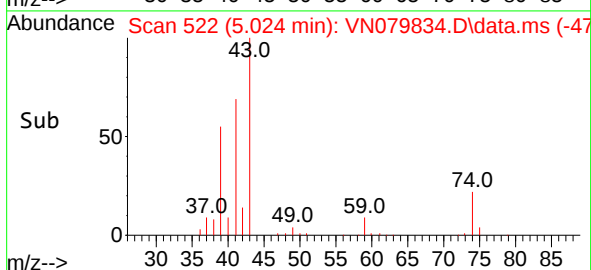
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

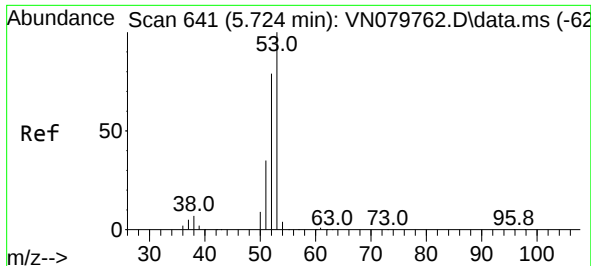


#14
Allyl chloride
Concen: 53.469 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



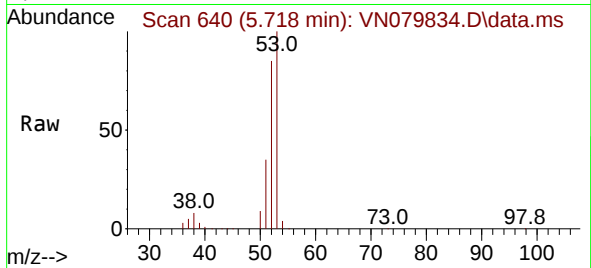
Tgt Ion: 41 Resp: 229769
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 38.0 39.1 58.7#





#15
Acrylonitrile
Concen: 288.354 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

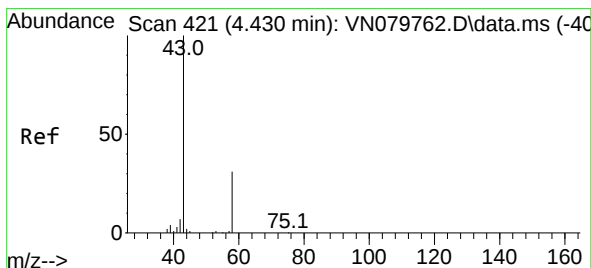
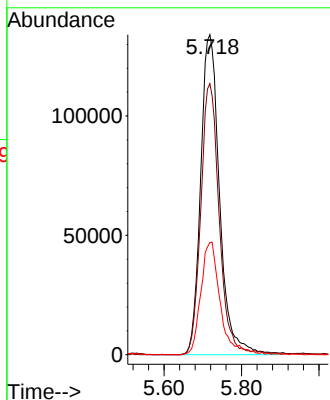
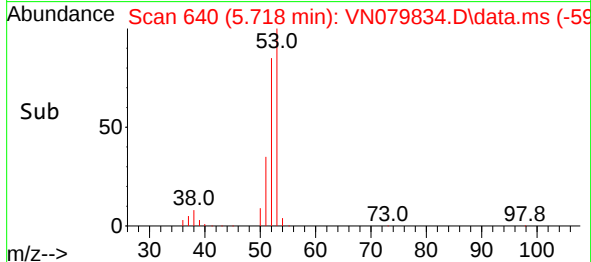
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 53 Resp: 455530
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.9 28.9 43.3

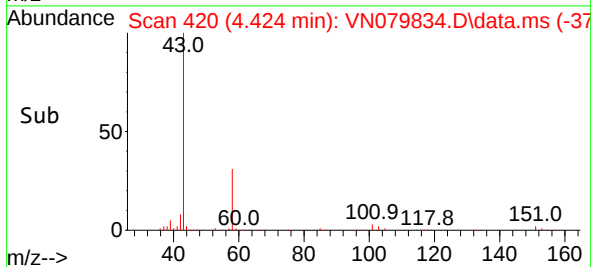
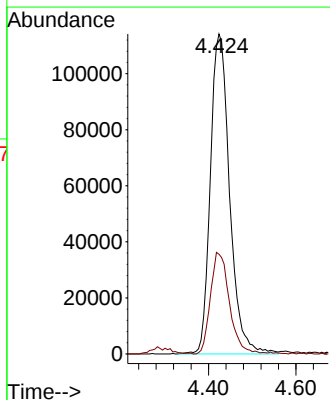
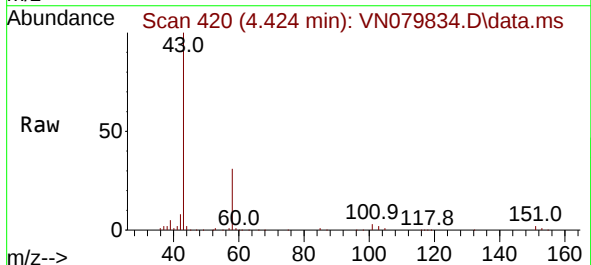
Manual Integrations
APPROVED

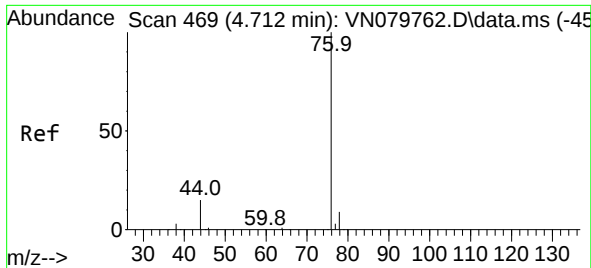
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#16
Acetone
Concen: 250.159 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

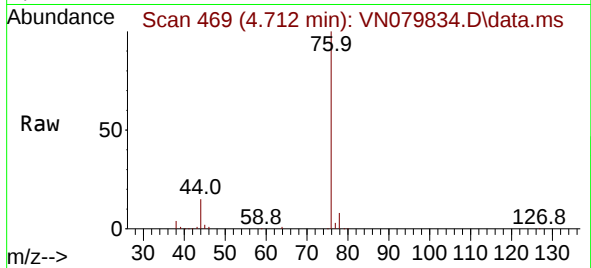
Tgt Ion: 43 Resp: 348948
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





#17
Carbon Disulfide
Concen: 47.242 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

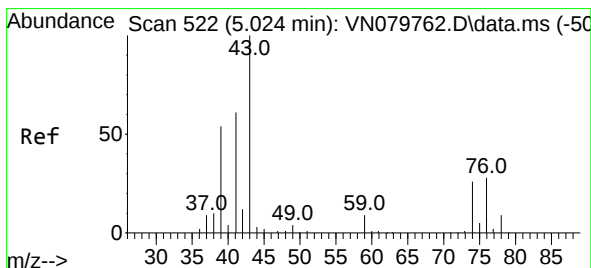
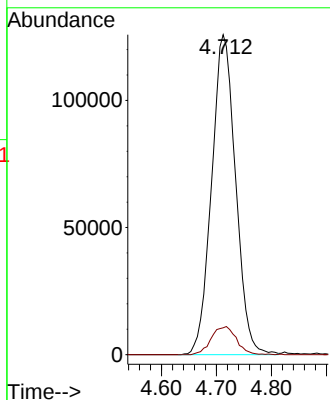
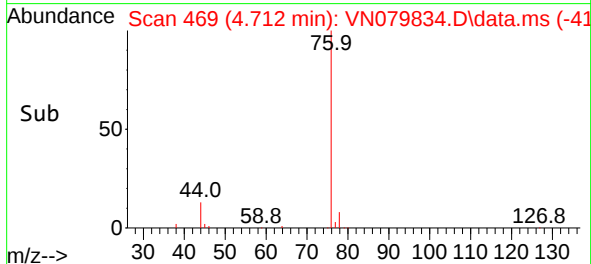
Instrument :
MSVOA_N
Client Sample Id :
FSND-MW-EVAL-02D-20231101MS



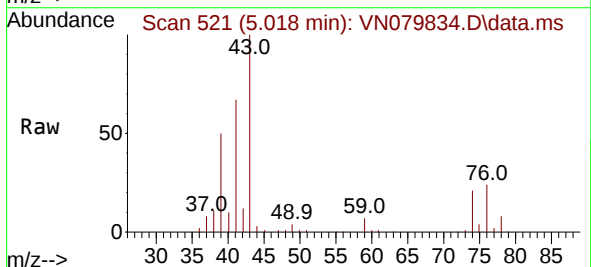
Tgt Ion: 76 Resp: 38232
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

Manual Integrations
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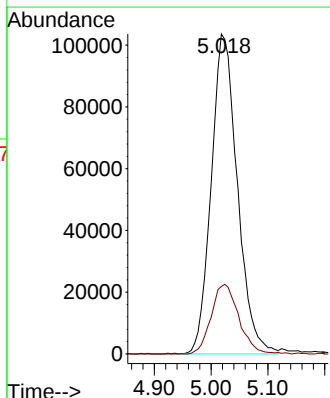
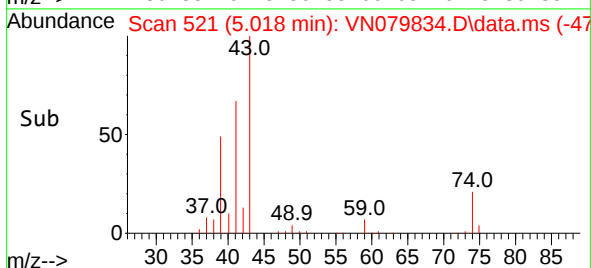
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

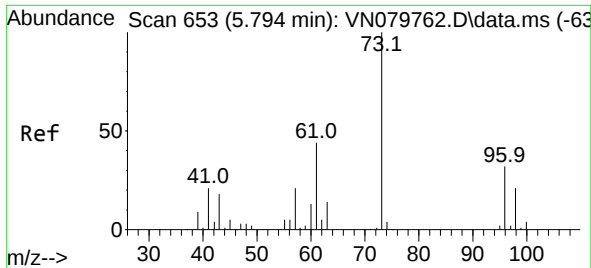


#18
Methyl Acetate
Concen: 49.628 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



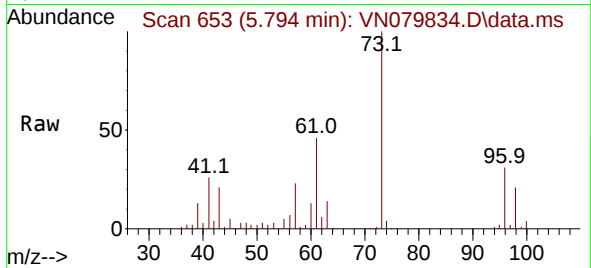
Tgt Ion: 43 Resp: 331199
Ion Ratio Lower Upper
43 100
74 23.0 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 55.209 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

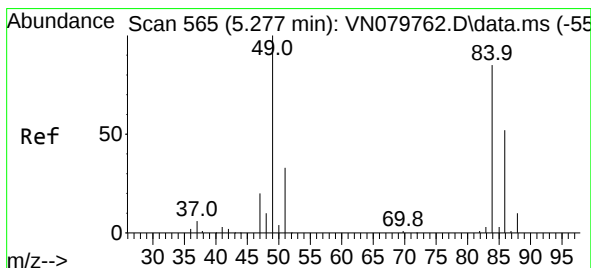
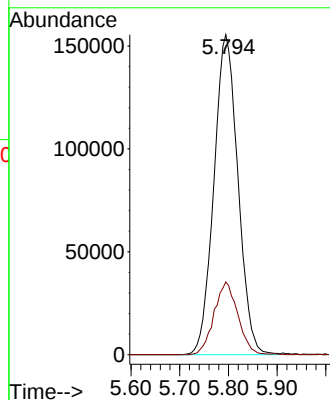
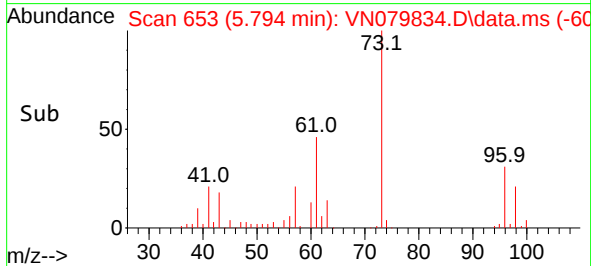
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



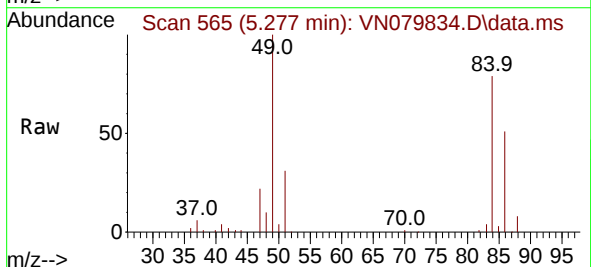
Tgt Ion: 73 Resp: 533290
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

Manual Integrations
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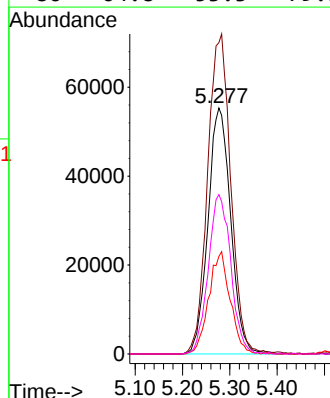
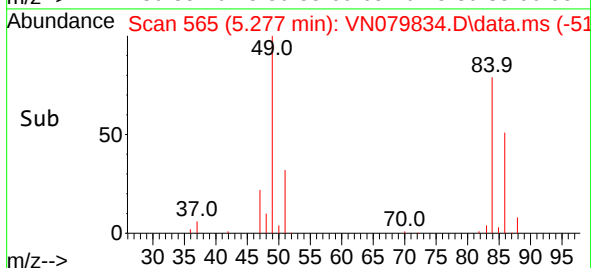
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

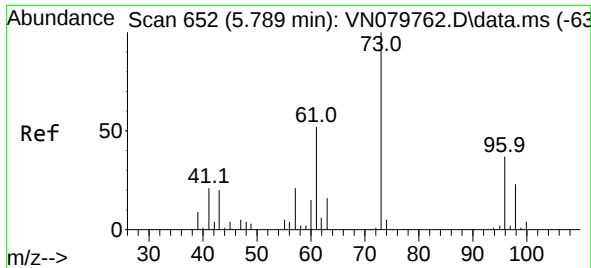


#20
Methylene Chloride
Concen: 52.539 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



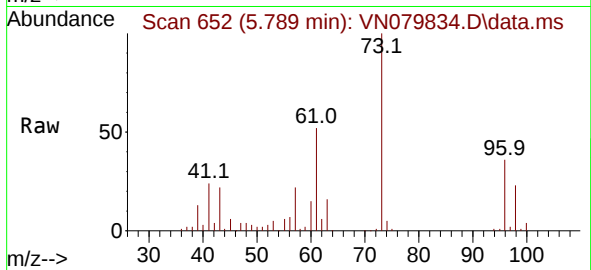
Tgt Ion: 84 Resp: 184922
Ion Ratio Lower Upper
84 100
49 126.6 79.7 119.5#
51 39.7 25.2 37.8#
86 64.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.729 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

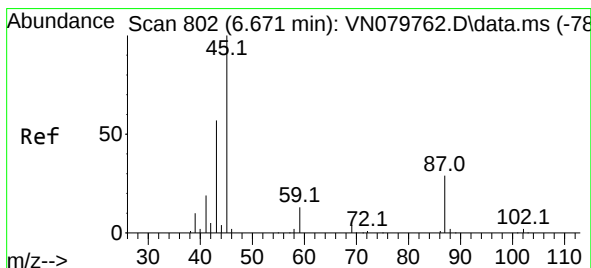
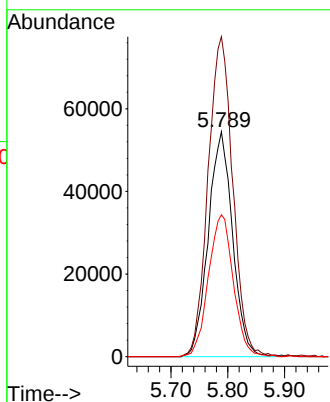
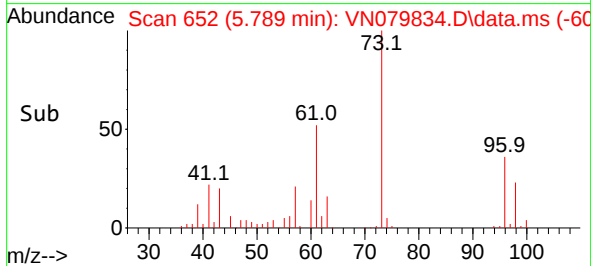
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 96 Resp: 16186
Ion Ratio Lower Upper
96 100
61 142.2 90.1 135.1
98 63.1 46.4 69.6

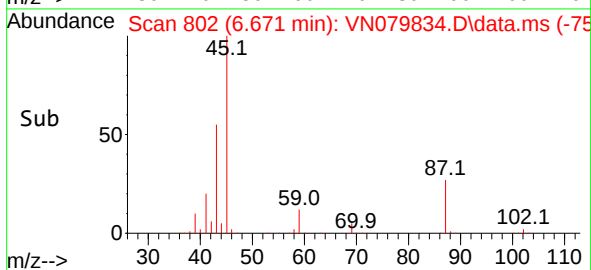
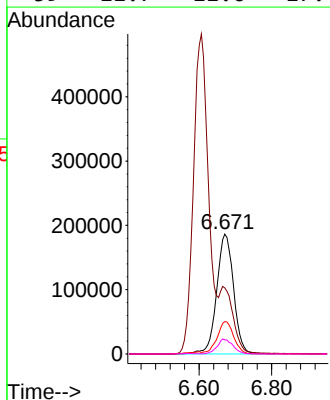
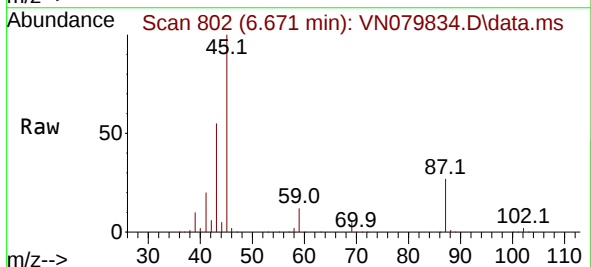
Manual Integrations
APPROVED

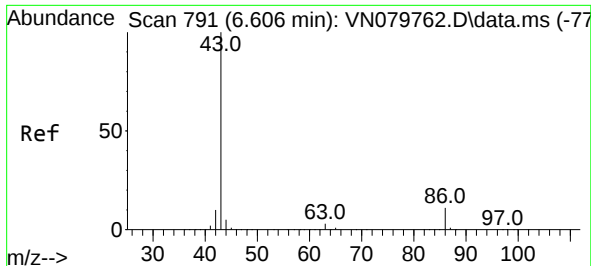
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#22
Diisopropyl ether
Concen: 60.618 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 45 Resp: 603663
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 26.8 31.8 47.8#
59 11.7 11.6 17.4





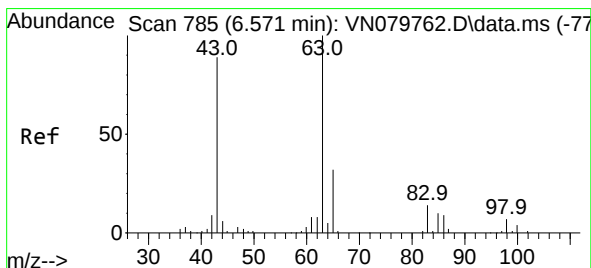
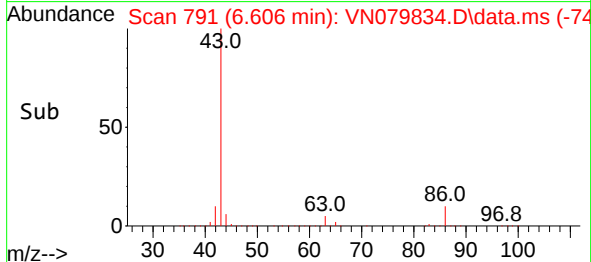
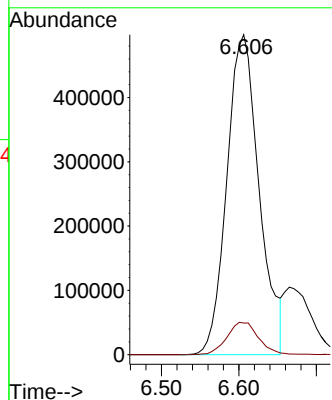
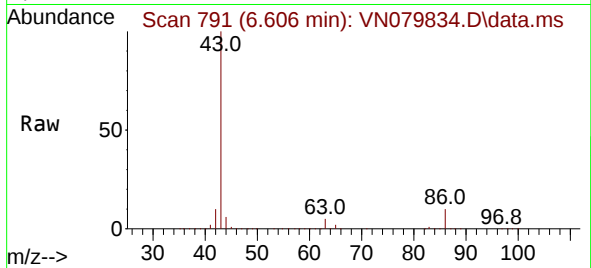
#23
 Vinyl Acetate
 Concen: 263.174 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079834.D
 Acq: 03 Nov 2023 08:43

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 43 Resp: 144563
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6

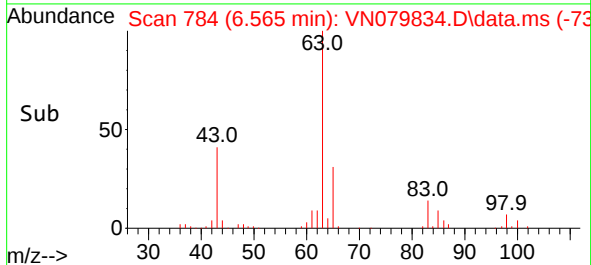
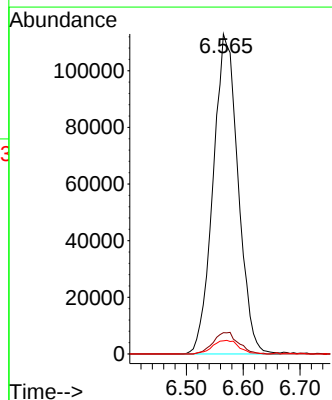
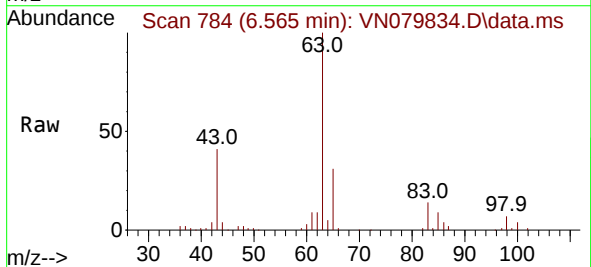
Manual Integrations
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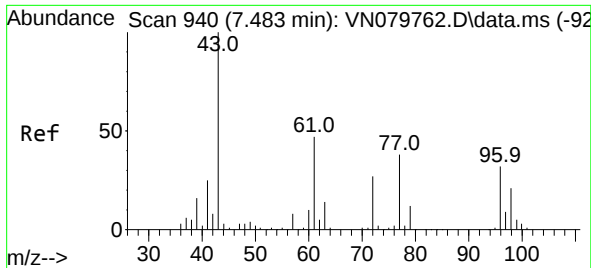
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#24
 1,1-Dichloroethane
 Concen: 57.030 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079834.D
 Acq: 03 Nov 2023 08:43

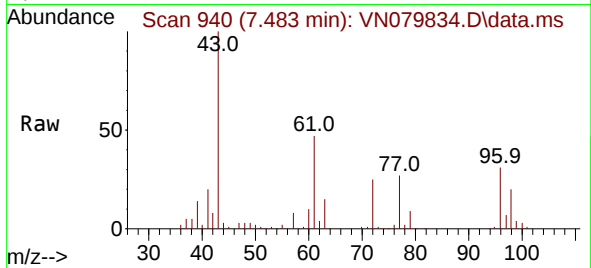
Tgt Ion: 63 Resp: 345190
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 288.502 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

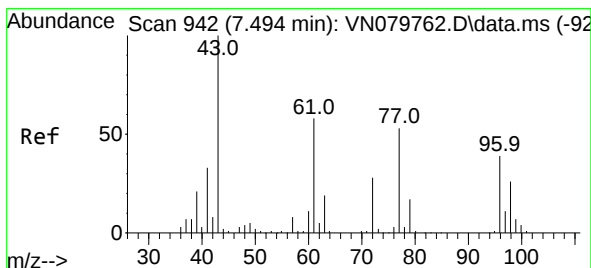
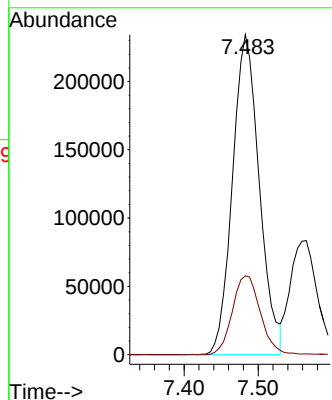
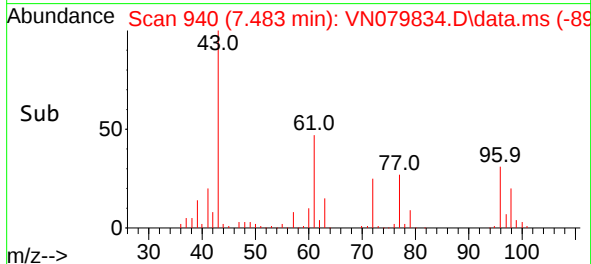
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



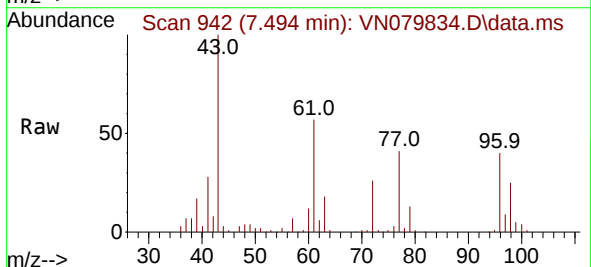
Tgt Ion: 43 Resp: 589309
Ion Ratio Lower Upper
43 100
72 24.7 30.2 45.2

Manual Integrations
APPROVED

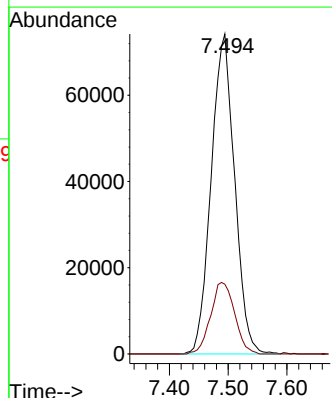
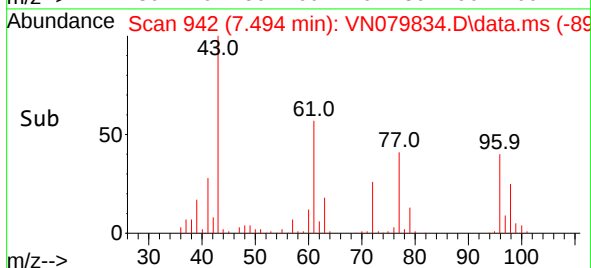
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

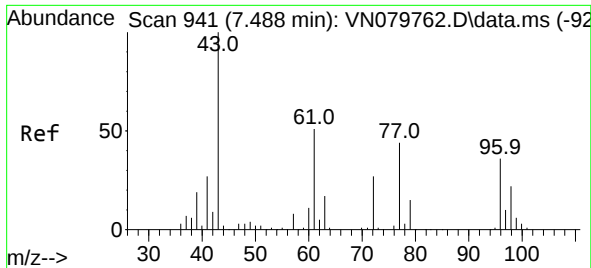


#26
2,2-Dichloropropane
Concen: 41.057 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



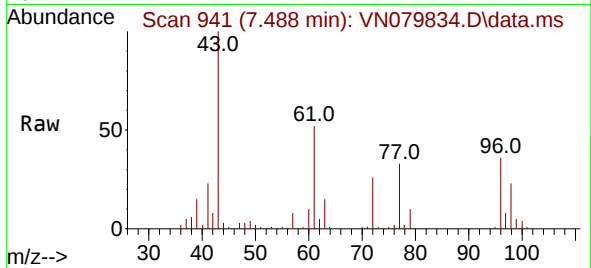
Tgt Ion: 77 Resp: 205523
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.230 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079834.D
 Acq: 03 Nov 2023 08:43

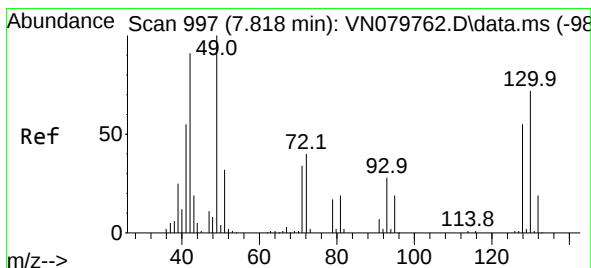
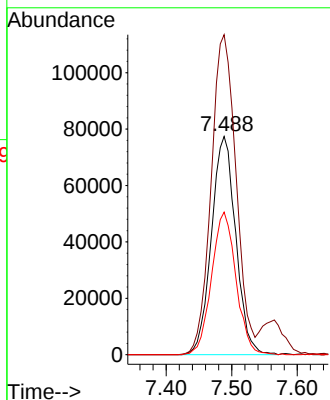
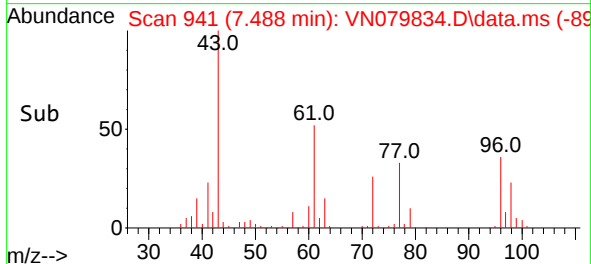
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 96 Resp: 199240
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 65.7 0.0 128.8

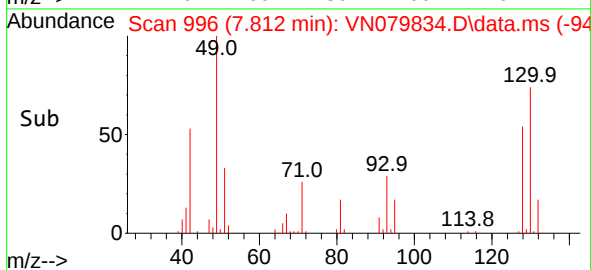
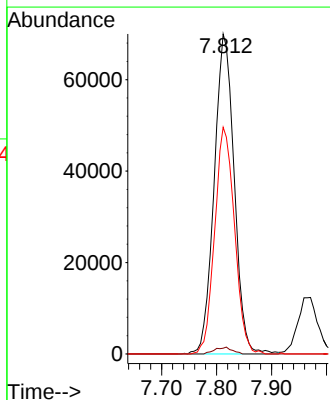
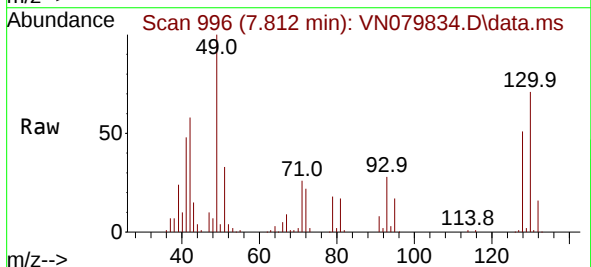
Manual Integrations
 APPROVED

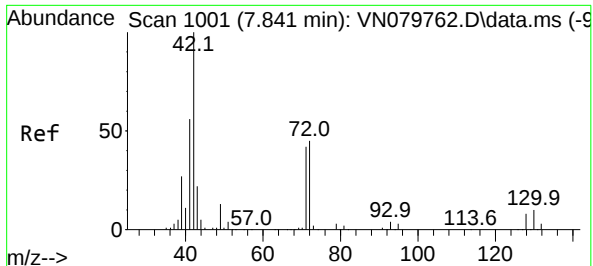
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#28
 Bromochloromethane
 Concen: 60.076 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079834.D
 Acq: 03 Nov 2023 08:43

Tgt Ion: 49 Resp: 177209
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 70.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 293.374 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079834.D

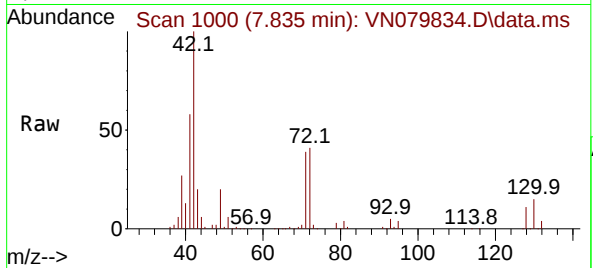
Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS



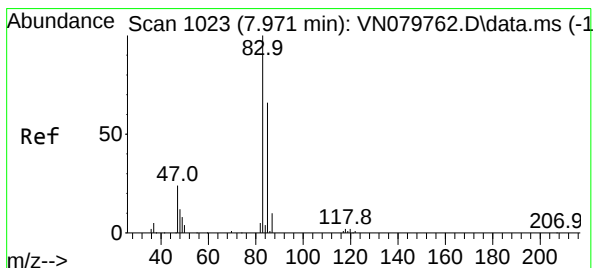
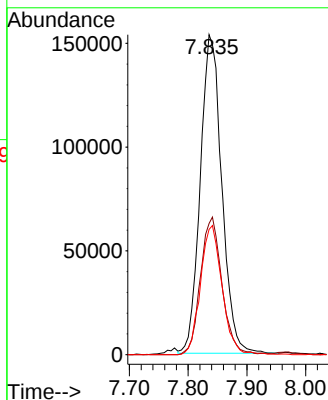
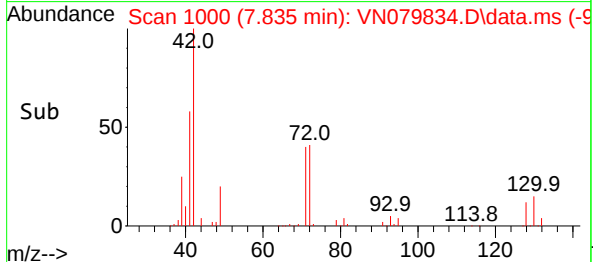
Tgt Ion:	42	Resp:	389884
Ion Ratio	100	Lower	Upper
42	100		
72	43.1	49.8	74.6
71	40.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#30

Chloroform

Concen: 53.700 ug/l

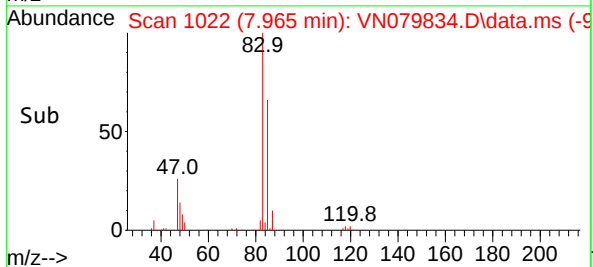
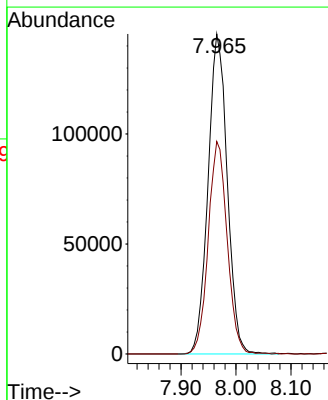
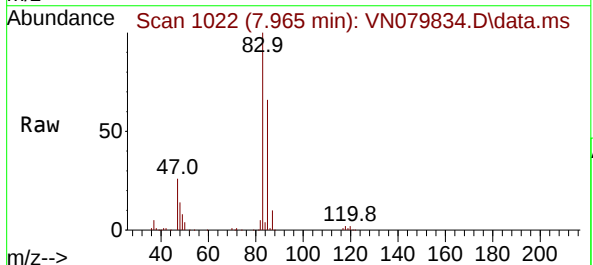
RT: 7.965 min Scan# 1022

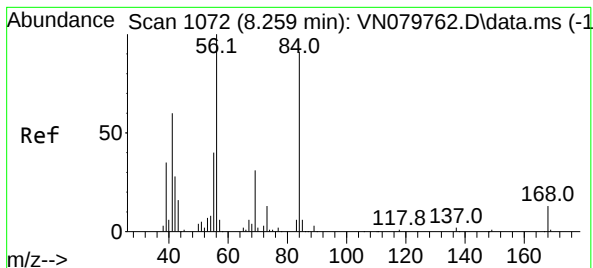
Delta R.T. -0.006 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Tgt Ion:	83	Resp:	353061
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	55.4	83.0





#31

Cyclohexane

Concen: 40.927 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079834.D

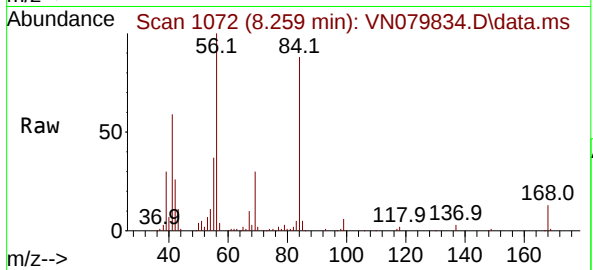
Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 56 Resp: 214764

Ion Ratio Lower Upper

56 100

69 29.6 26.8 40.2

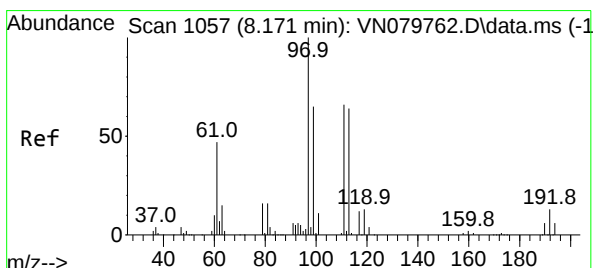
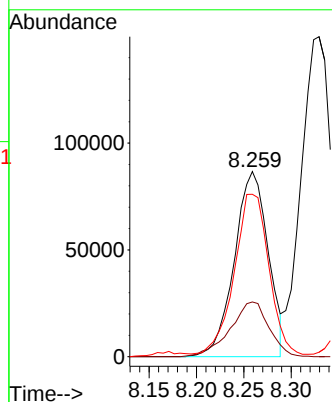
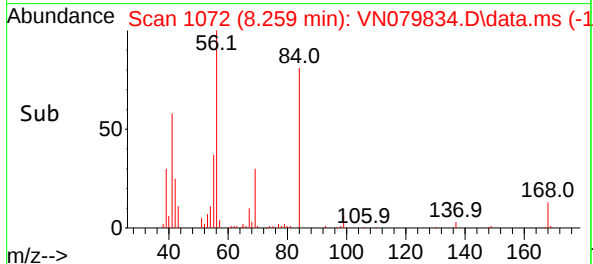
84 85.8 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#32

1,1,1-Trichloroethane

Concen: 52.460 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

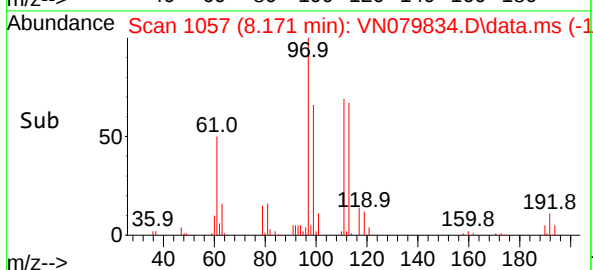
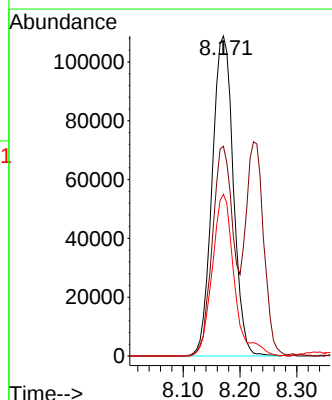
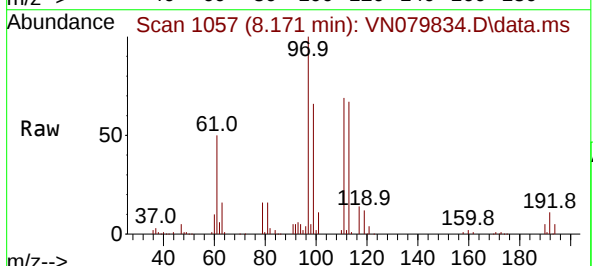
Tgt Ion: 97 Resp: 281033

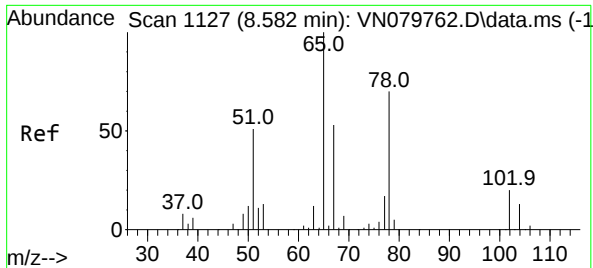
Ion Ratio Lower Upper

97 100

99 66.0 50.3 75.5

61 52.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 57.695 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 65 Resp: 229114

Ion Ratio Lower Upper

65 100

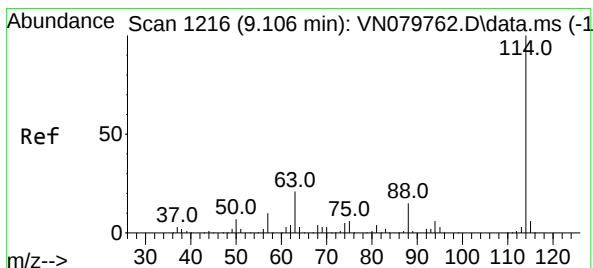
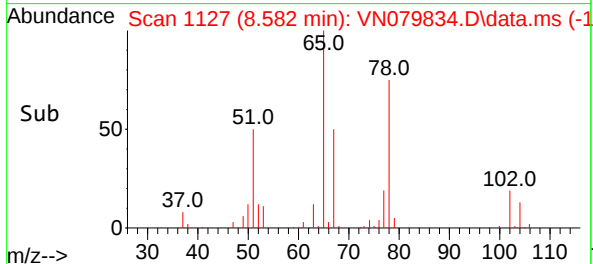
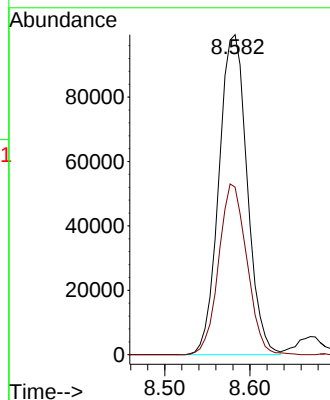
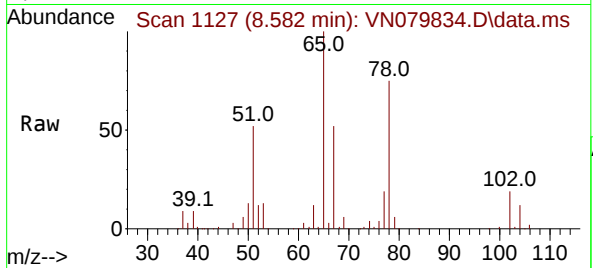
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

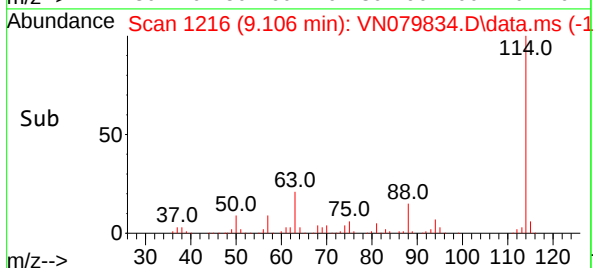
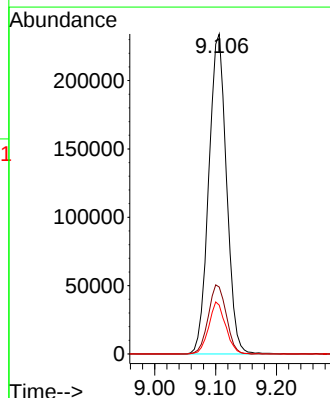
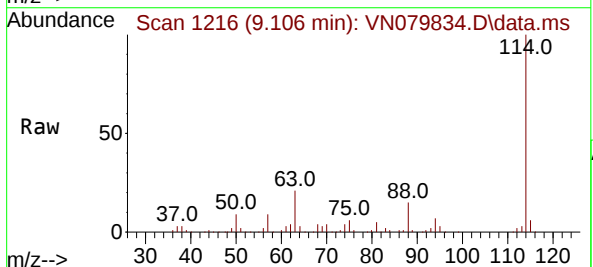
Tgt Ion:114 Resp: 472907

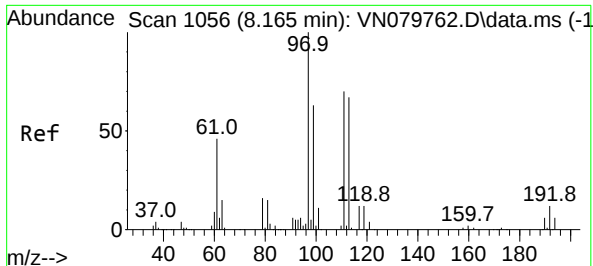
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.281 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 113 Resp: 17833

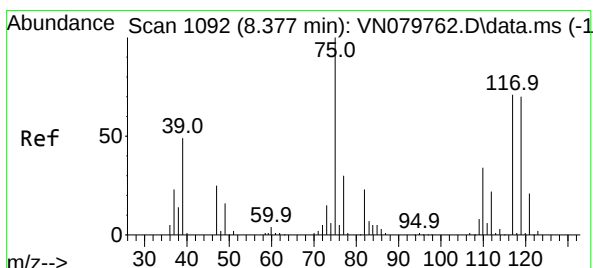
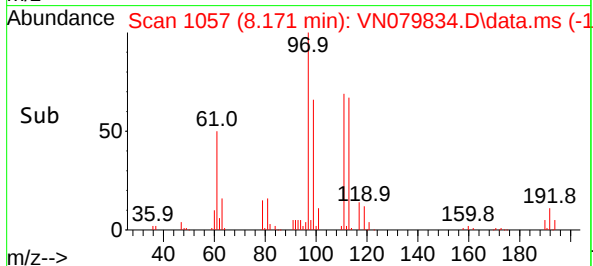
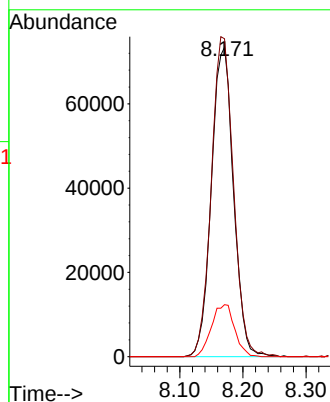
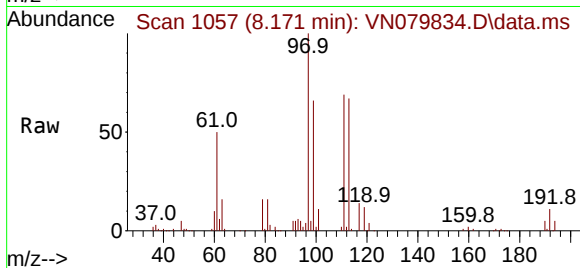
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#36

1,1-Dichloropropene

Concen: 49.044 ug/l

RT: 8.371 min Scan# 1091

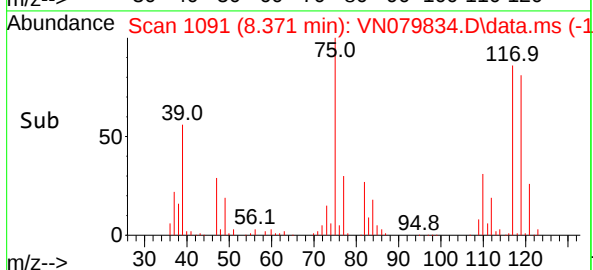
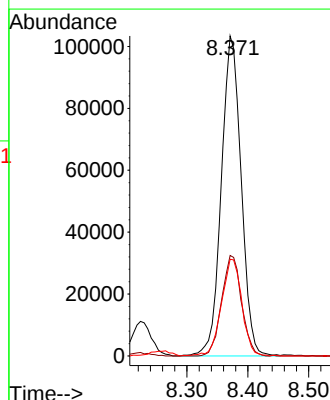
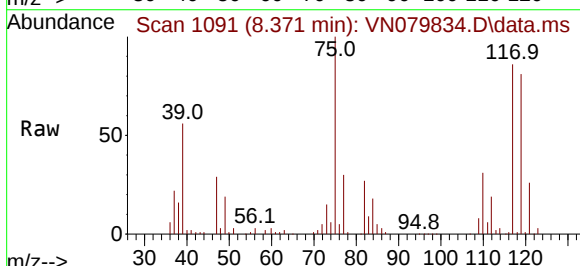
Delta R.T. -0.006 min

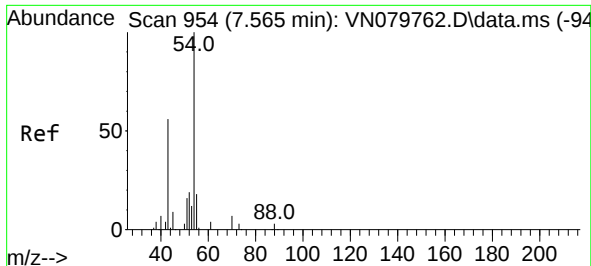
Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Tgt Ion: 75 Resp: 234383

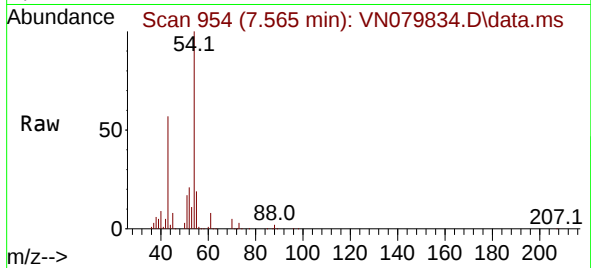
Ion	Ratio	Lower	Upper
75	100		
110	31.4	19.1	57.3
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 49.904 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

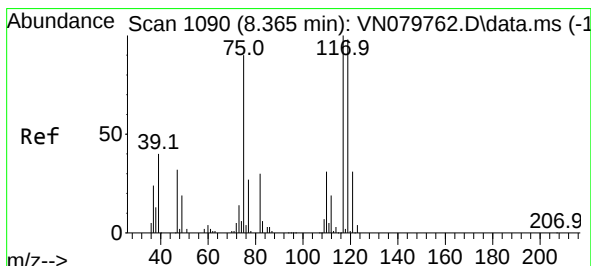
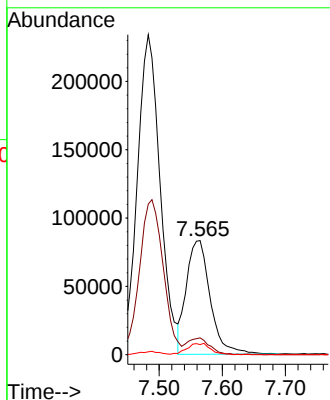
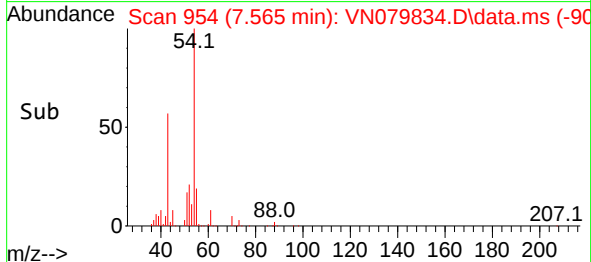
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 43 Resp: 21872
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 9.7 11.3 16.9

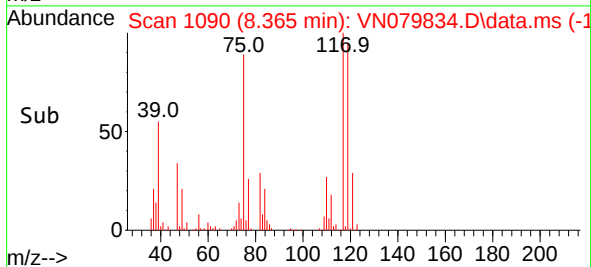
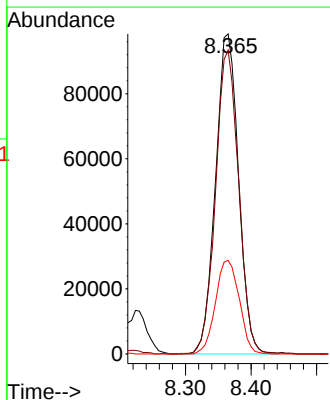
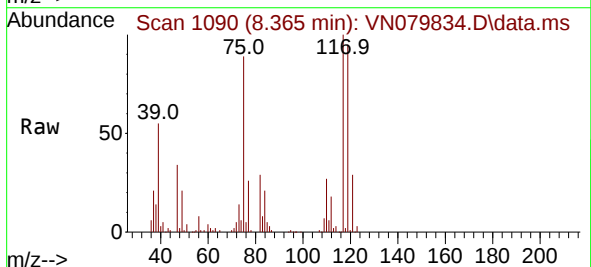
Manual Integrations
APPROVED

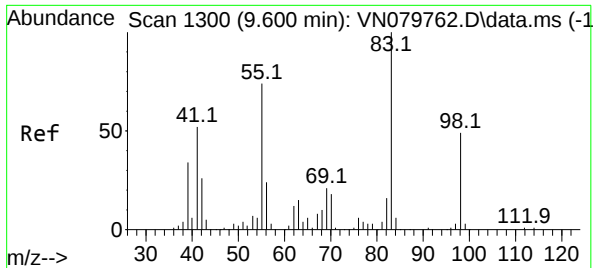
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#38
Carbon Tetrachloride
Concen: 49.719 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

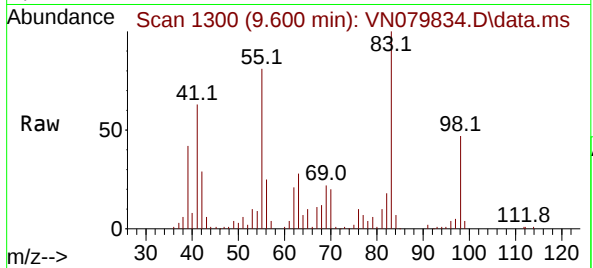
Tgt Ion:117 Resp: 239464
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 29.3 23.3 34.9





#39
Methylcyclohexane
Concen: 39.268 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

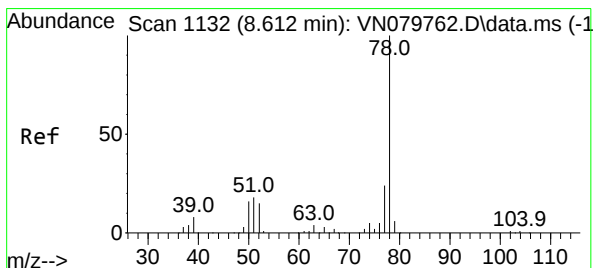
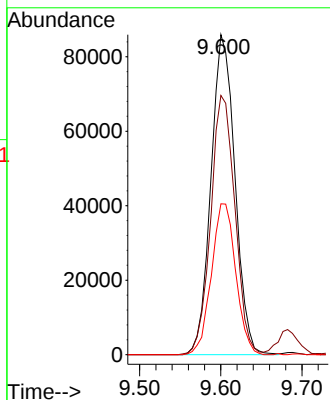
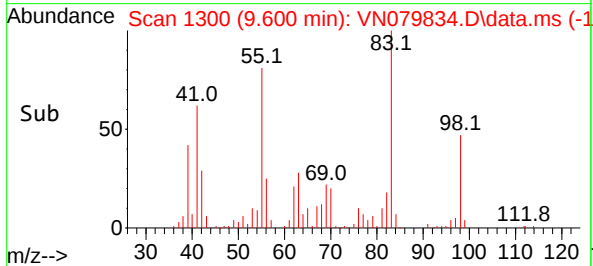
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 83 Resp: 176610
Ion Ratio Lower Upper
83 100
55 81.0 49.1 73.7
98 47.2 40.6 61.0

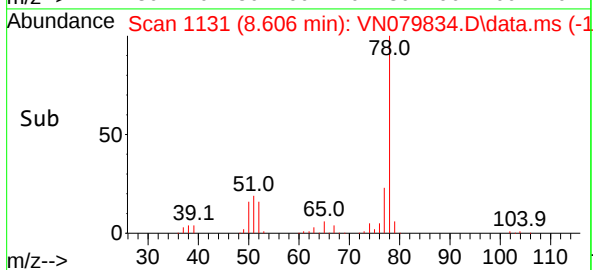
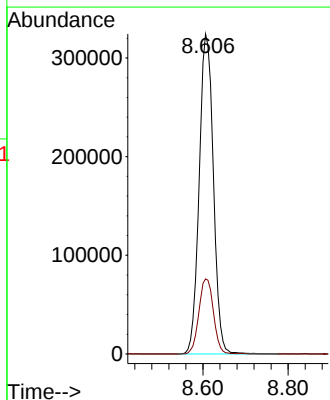
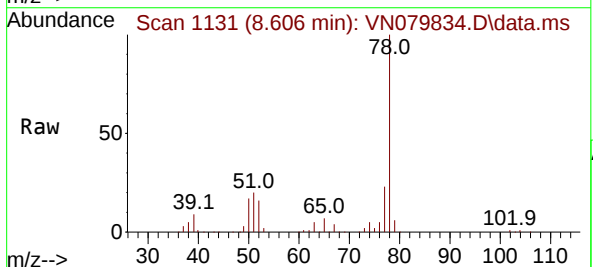
Manual Integrations
APPROVED

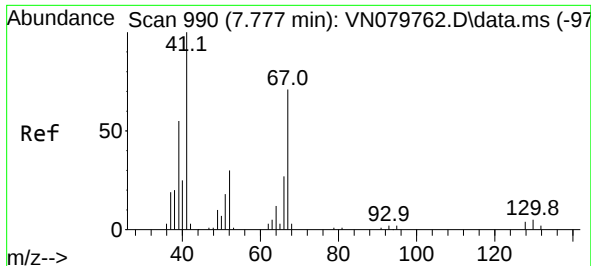
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#40
Benzene
Concen: 52.294 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

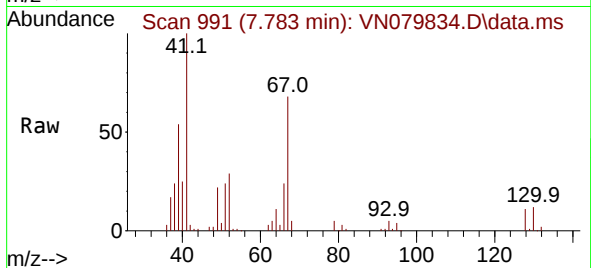
Tgt Ion: 78 Resp: 748536
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 58.770 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

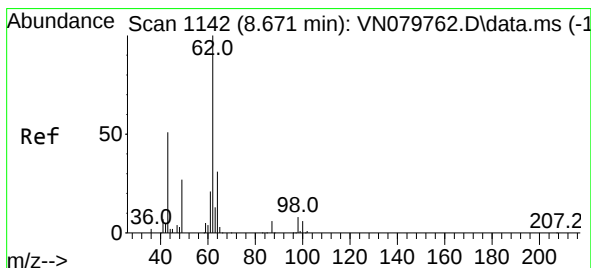
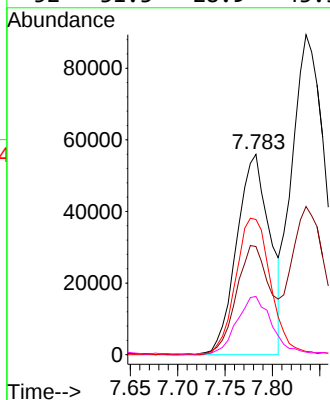
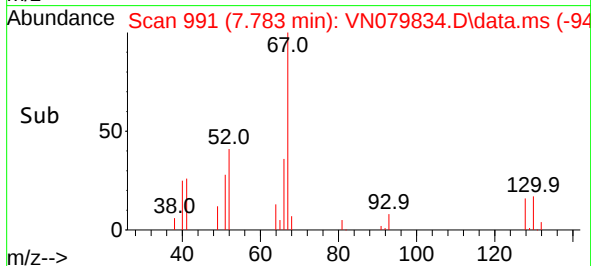
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 41 Resp: 136784
Ion Ratio Lower Upper
41 100
39 55.5 42.6 64.0
67 72.0 77.5 116.3
52 31.3 28.9 43.3

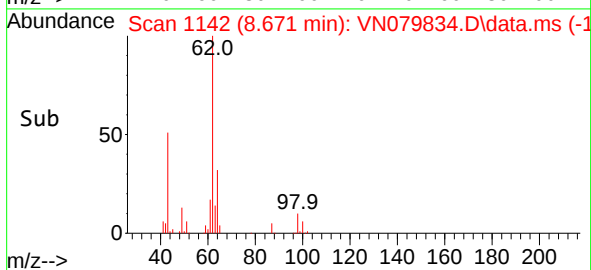
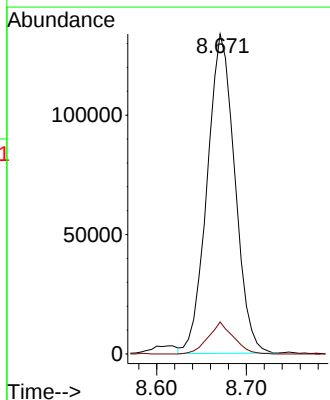
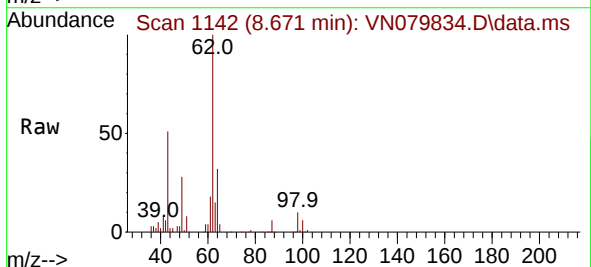
Manual Integrations
APPROVED

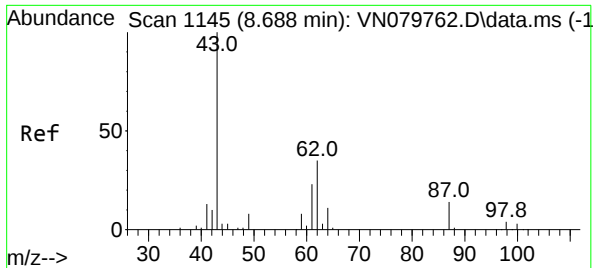
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#42
1,2-Dichloroethane
Concen: 57.305 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

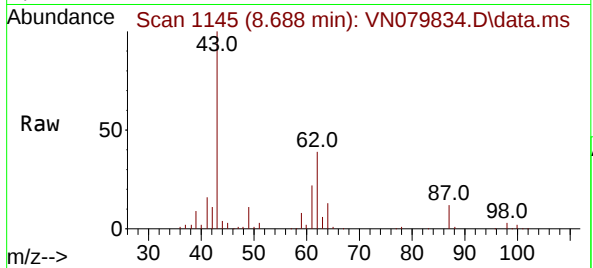
Tgt Ion: 62 Resp: 286518
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 48.980 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

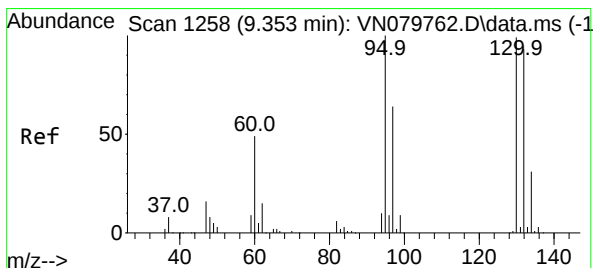
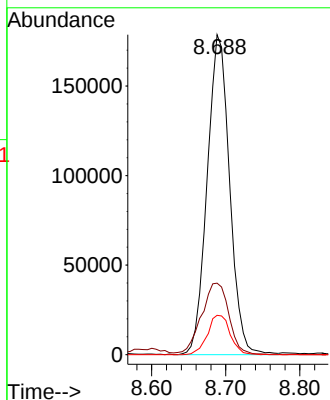
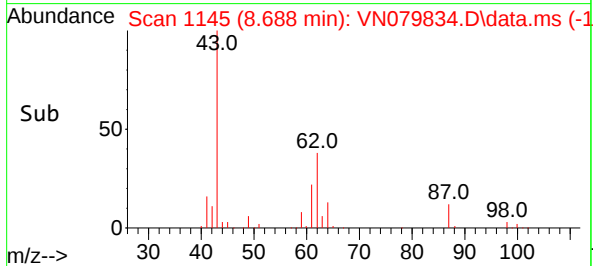
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



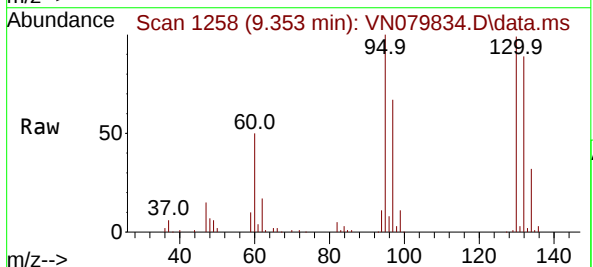
Tgt Ion: 43 Resp: 376480
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 12.4 14.6 21.8

Manual Integrations
APPROVED

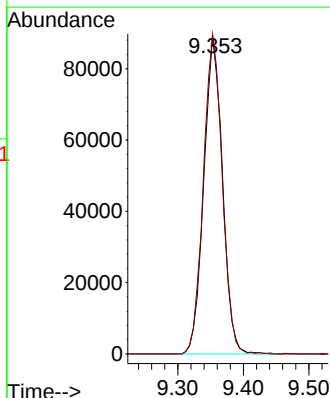
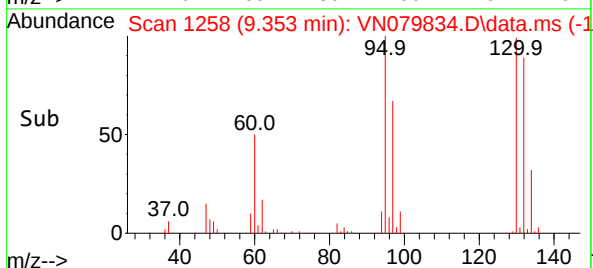
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

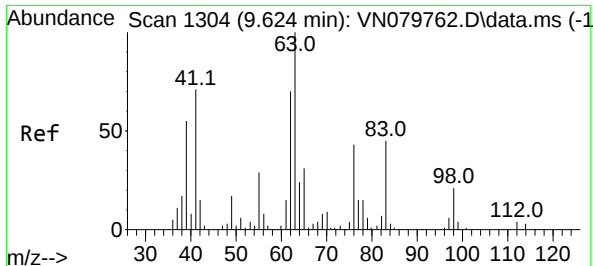


#44
Trichloroethene
Concen: 49.650 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



Tgt Ion:130 Resp: 176350
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.252 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 63 Resp: 205769

Ion Ratio Lower Upper

63 100

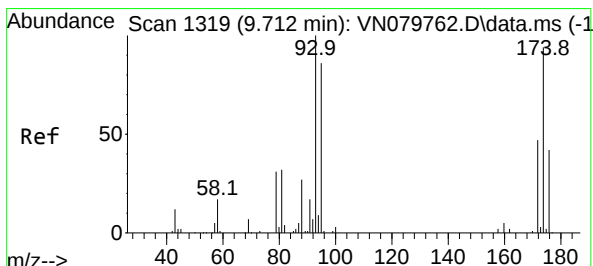
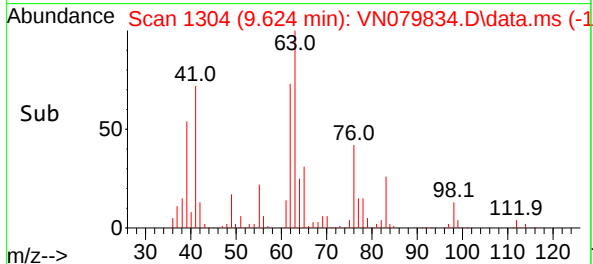
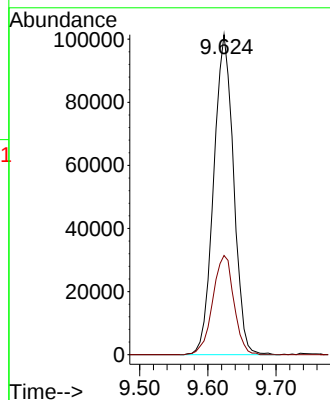
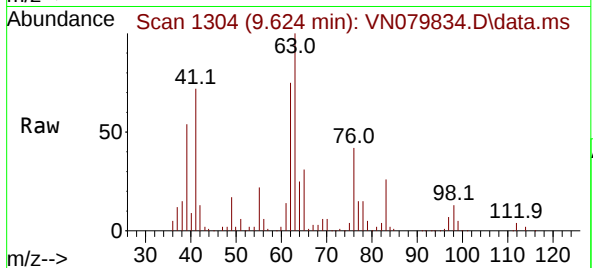
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#46

Dibromomethane

Concen: 54.941 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

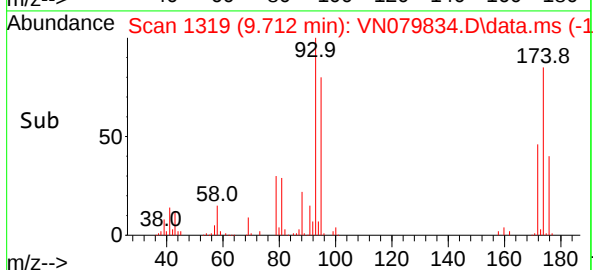
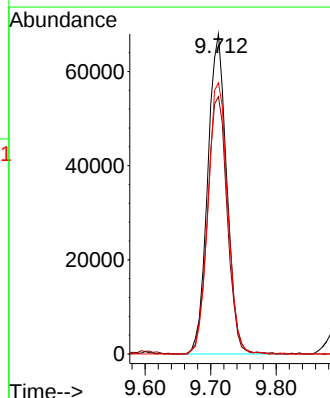
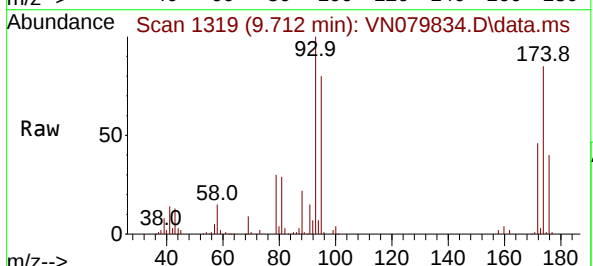
Tgt Ion: 93 Resp: 137228

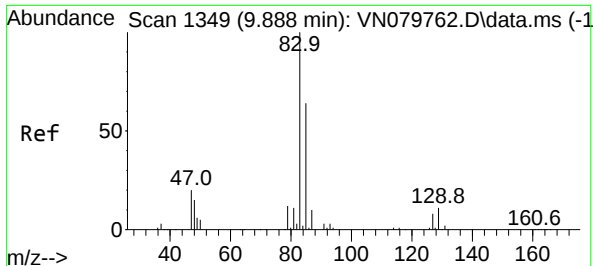
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

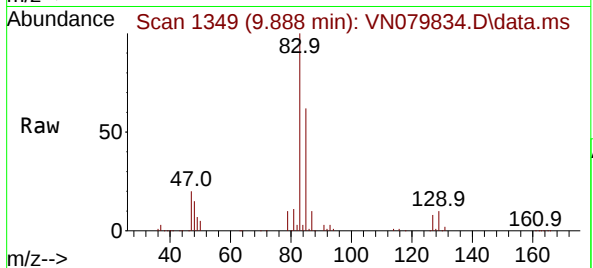
174 87.3 65.6 98.4





#47
Bromodichloromethane
Concen: 53.116 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

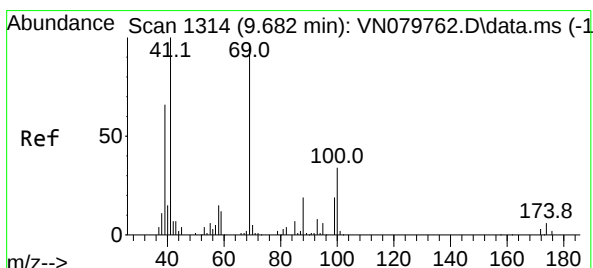
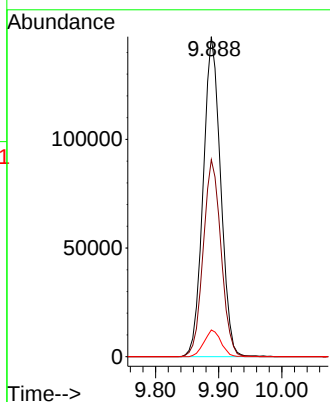
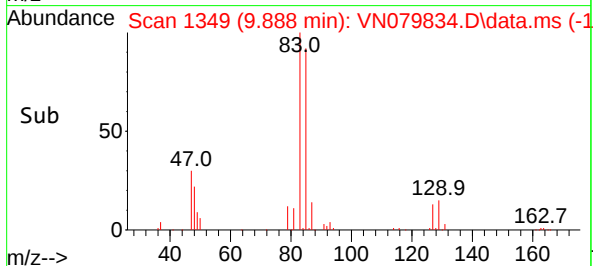
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 83 Resp: 282940
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 8.3 7.0 10.6

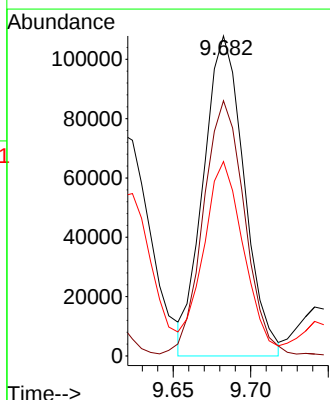
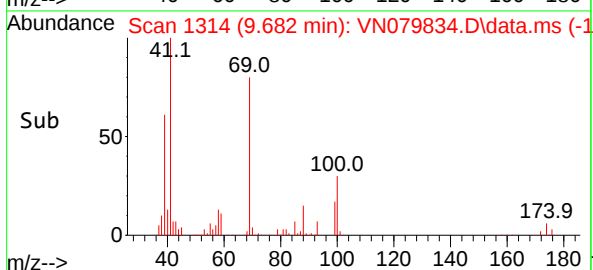
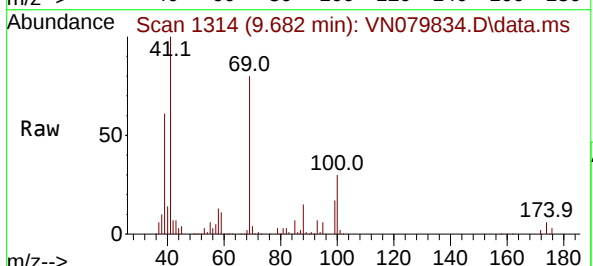
Manual Integrations
APPROVED

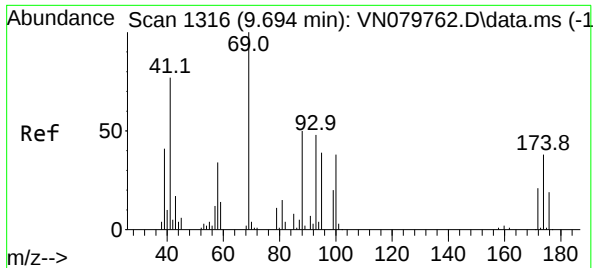
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#48
Methyl methacrylate
Concen: 58.609 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 41 Resp: 197320
Ion Ratio Lower Upper
41 100
69 82.0 90.4 135.6
39 60.4 54.6 81.8





#49

1,4-Dioxane

Concen: 991.537 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 88 Resp: 58980

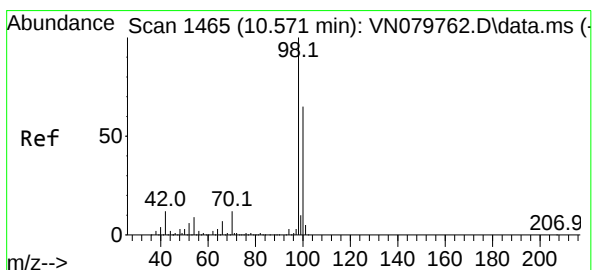
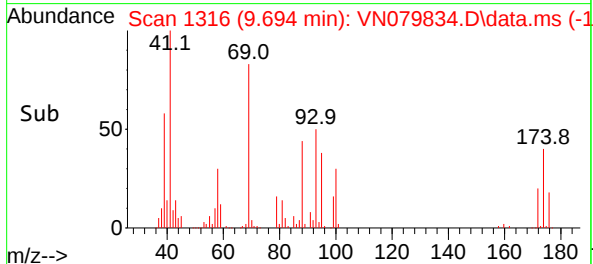
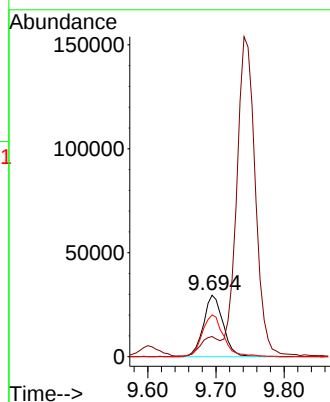
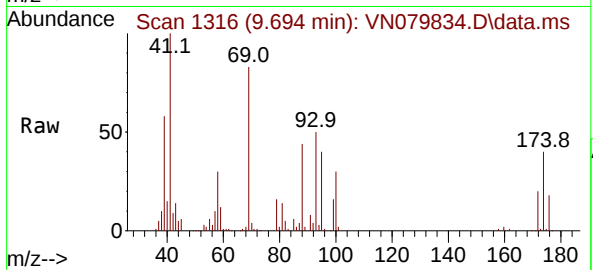
Ion	Ratio	Lower	Upper
88	100		
43	30.3	17.0	25.6
58	74.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#50

Toluene-d8

Concen: 50.850 ug/l

RT: 10.571 min Scan# 1465

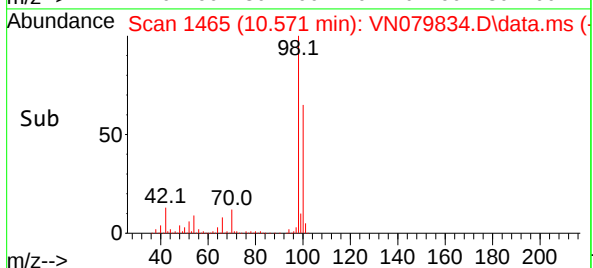
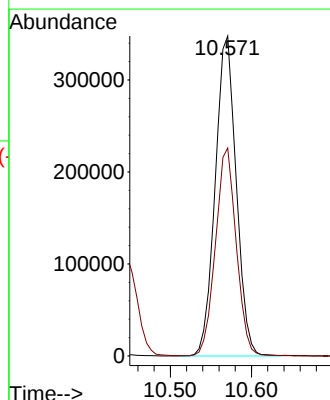
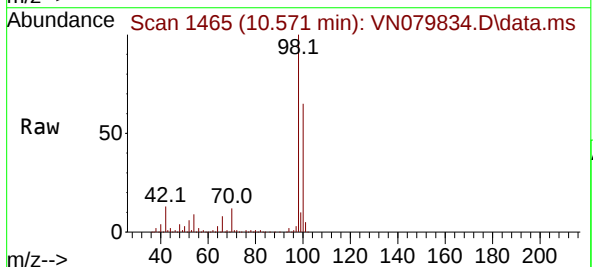
Delta R.T. 0.000 min

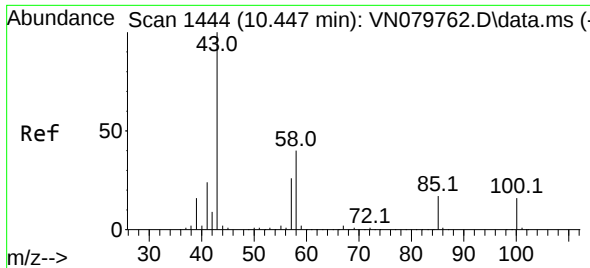
Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Tgt Ion: 98 Resp: 626555

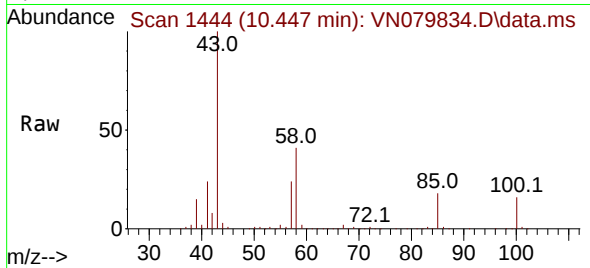
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 288.769 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

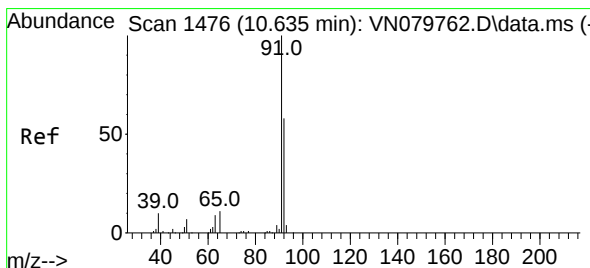
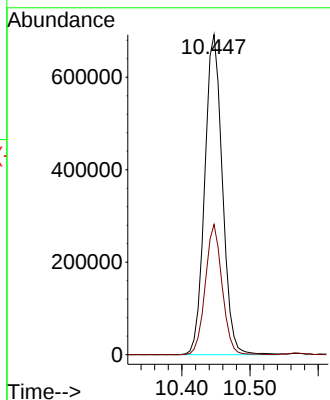
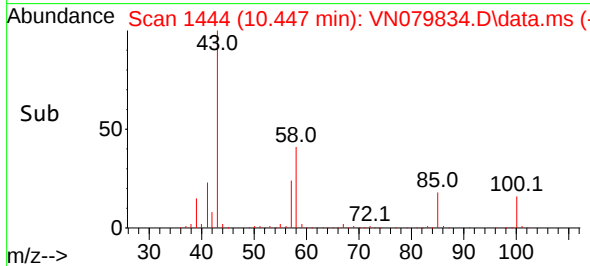
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 43 Resp: 124960
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

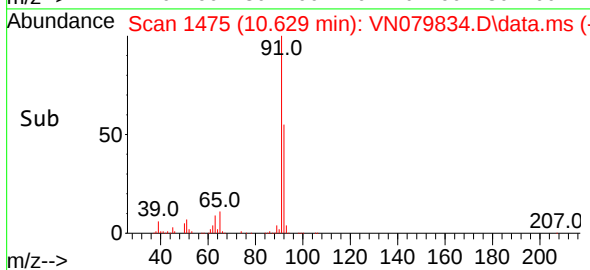
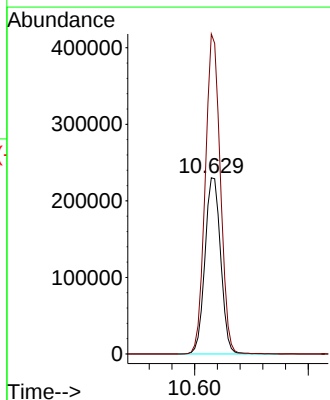
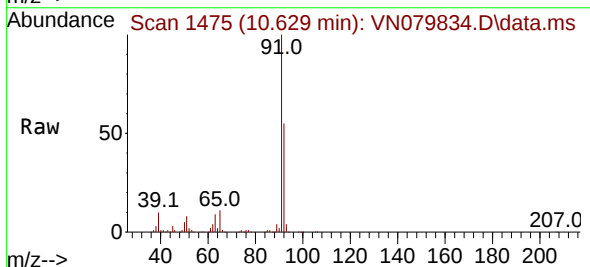
Manual Integrations
APPROVED

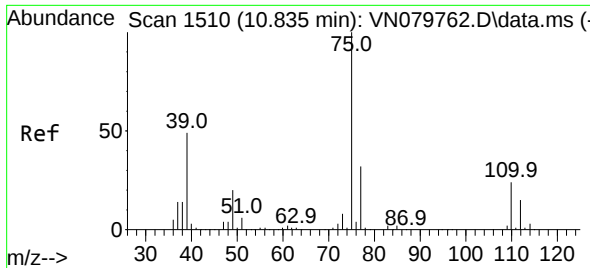
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#52
Toluene
Concen: 51.815 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

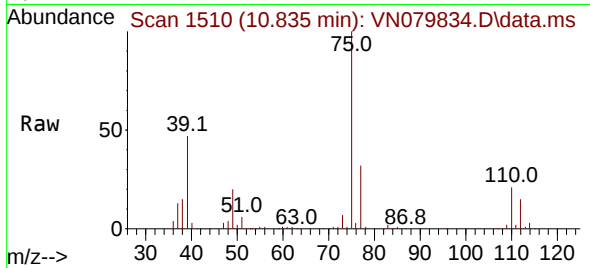
Tgt Ion: 92 Resp: 439694
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.858 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

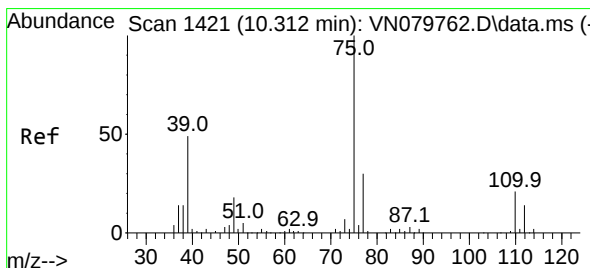
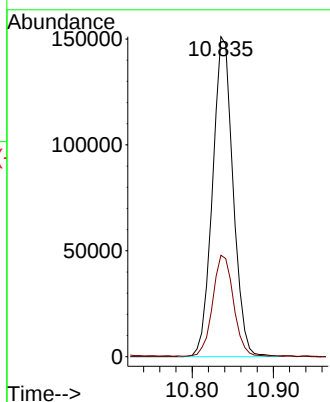
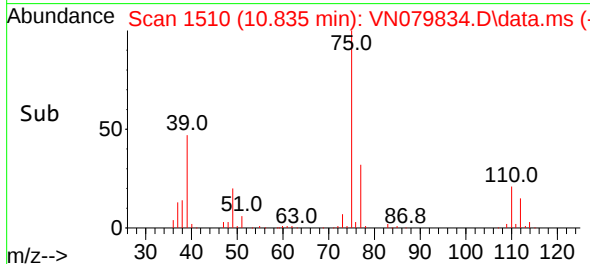
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 75 Resp: 265580
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

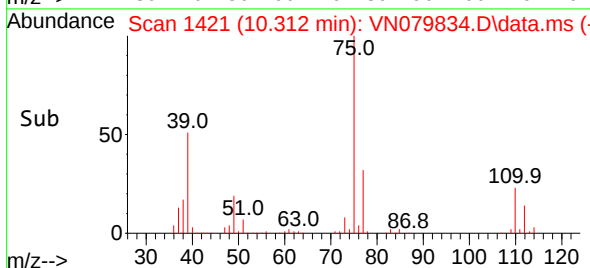
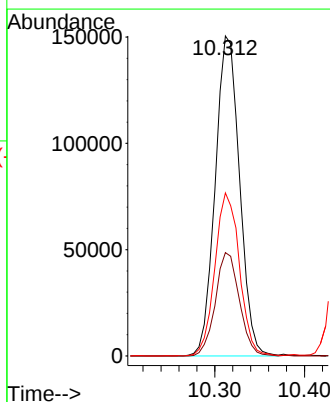
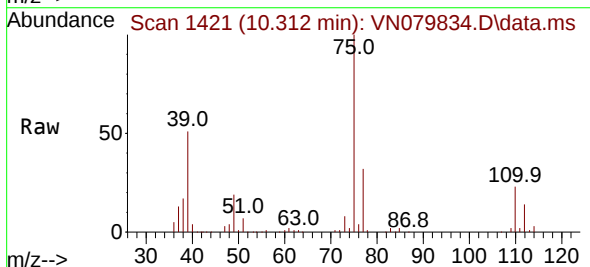
Manual Integrations
APPROVED

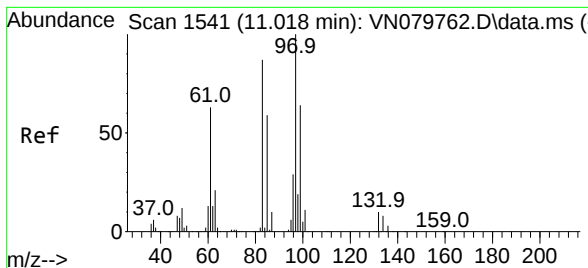
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#54
cis-1,3-Dichloropropene
Concen: 49.803 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

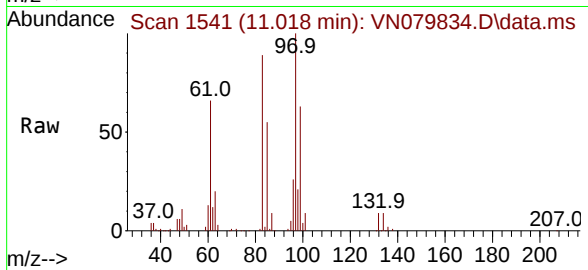
Tgt Ion: 75 Resp: 283474
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
39 50.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.338 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

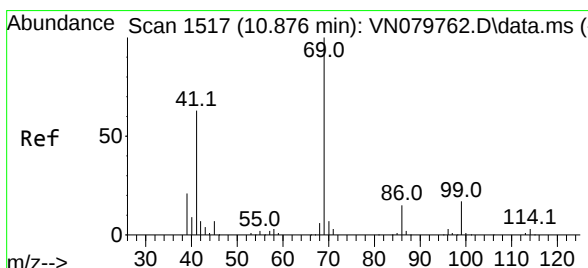
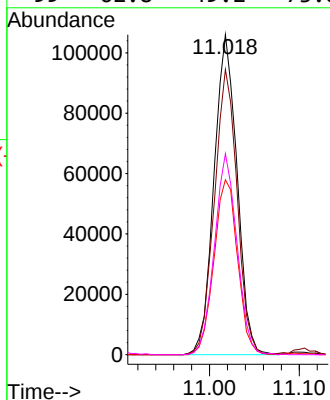
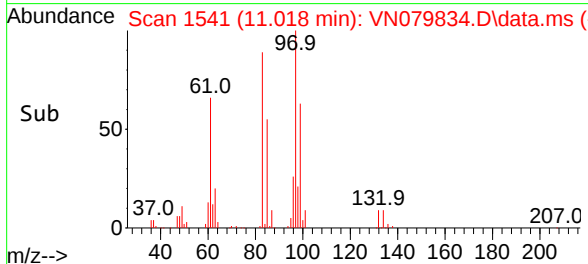
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 97 Resp: 188870
Ion Ratio Lower Upper
97 100
83 89.2 65.1 97.7
85 54.6 43.4 65.2
99 62.8 49.2 73.8

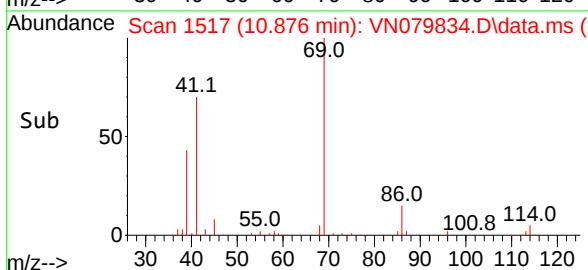
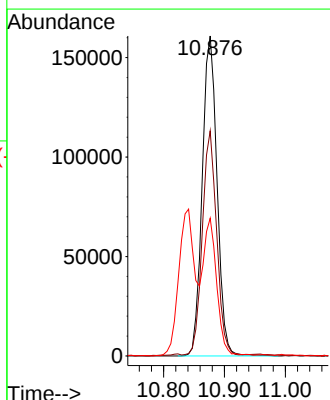
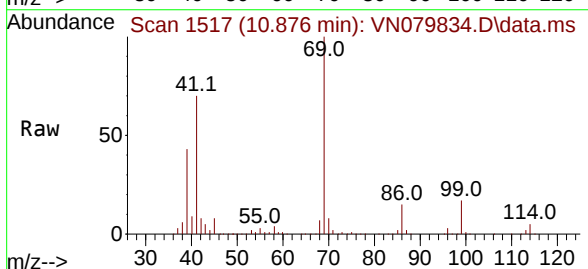
Manual Integrations
APPROVED

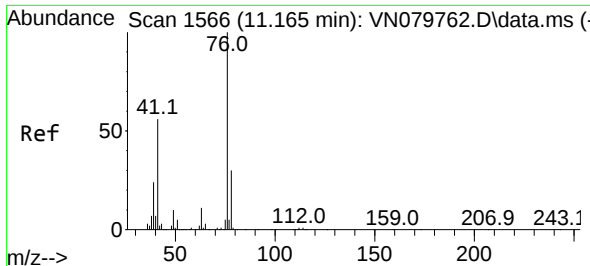
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#56
Ethyl methacrylate
Concen: 56.007 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 69 Resp: 272672
Ion Ratio Lower Upper
69 100
41 67.5 39.6 59.4#
39 37.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 55.411 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 76 Resp: 33336

Ion Ratio Lower Upper

76 100

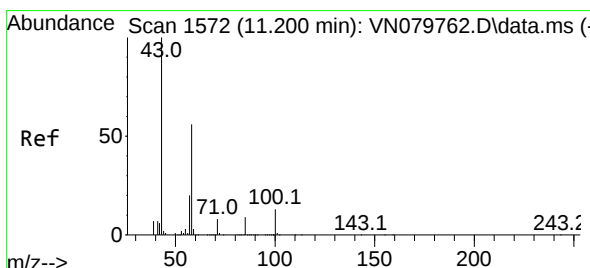
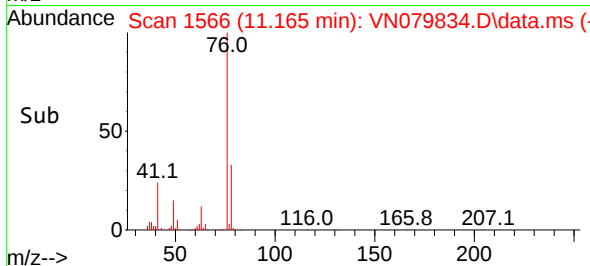
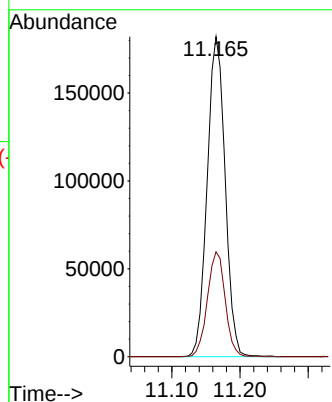
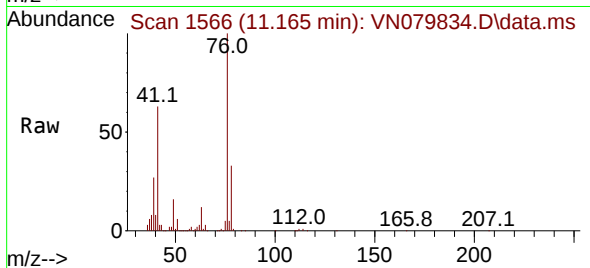
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#59

2-Hexanone

Concen: 271.713 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.006 min

Lab File: VN079834.D

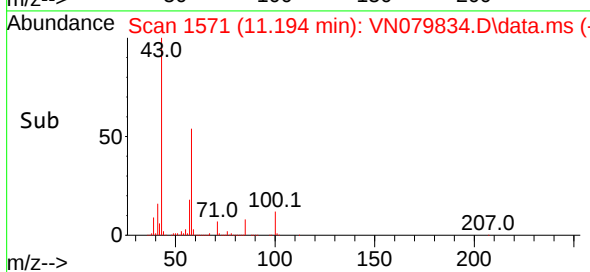
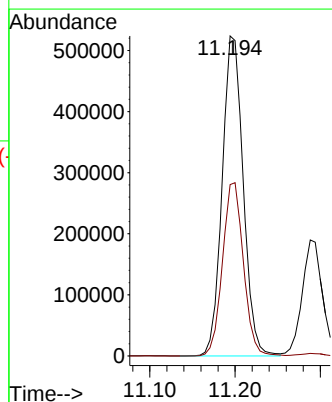
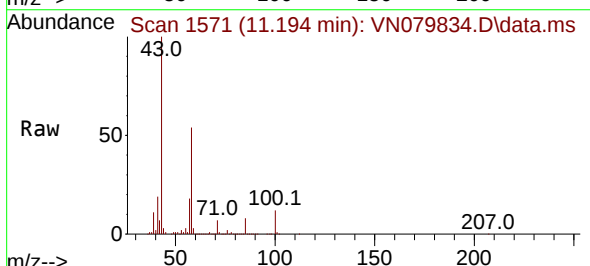
Acq: 03 Nov 2023 08:43

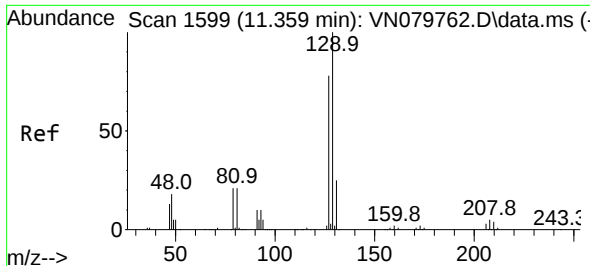
Tgt Ion: 43 Resp: 899480

Ion Ratio Lower Upper

43 100

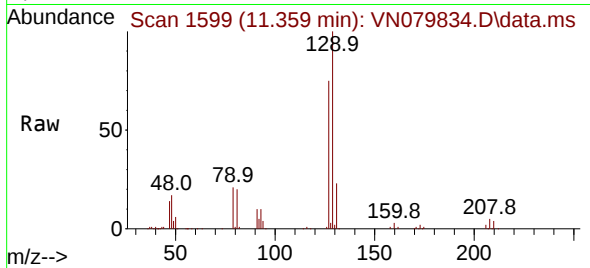
58 53.8 31.7 95.1





#60
Dibromochloromethane
Concen: 54.248 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

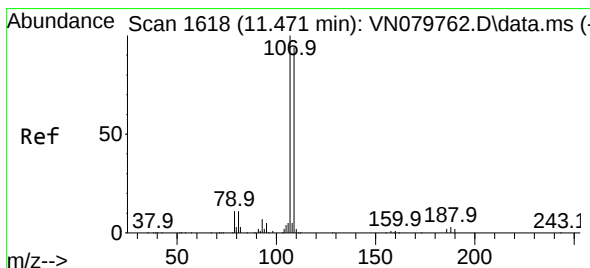
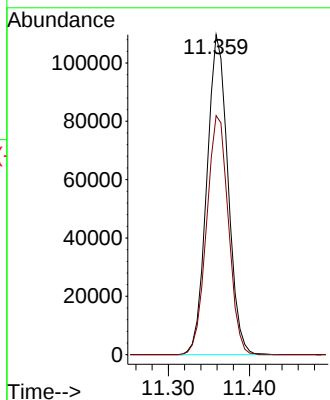
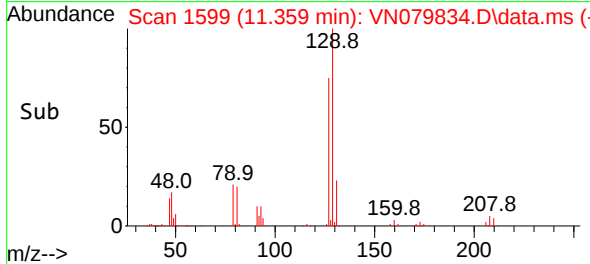
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



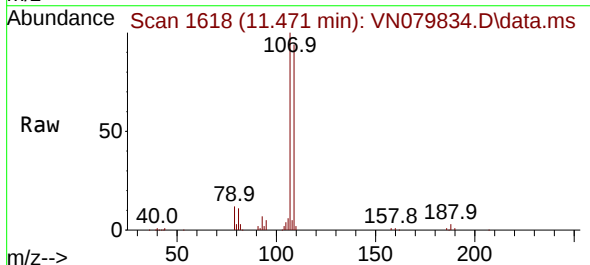
Tgt Ion:129 Resp: 19819
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

Manual Integrations
APPROVED

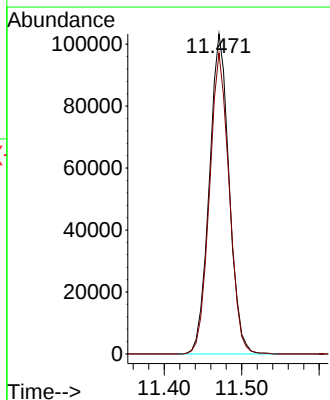
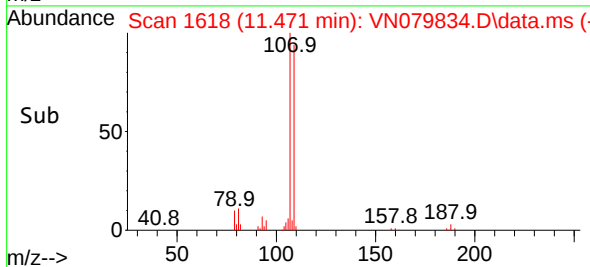
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

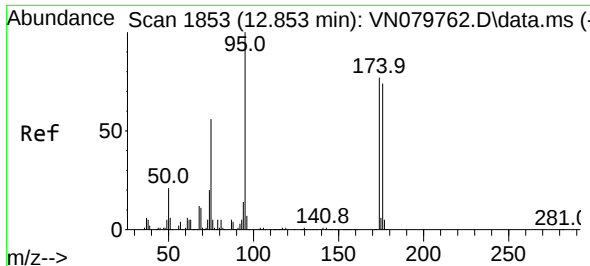


#61
1,2-Dibromoethane
Concen: 53.518 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



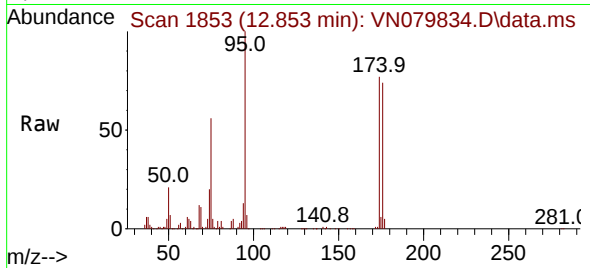
Tgt Ion:107 Resp: 183338
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

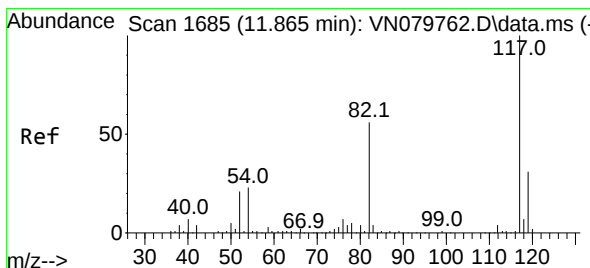
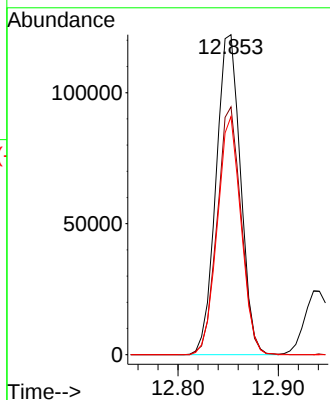
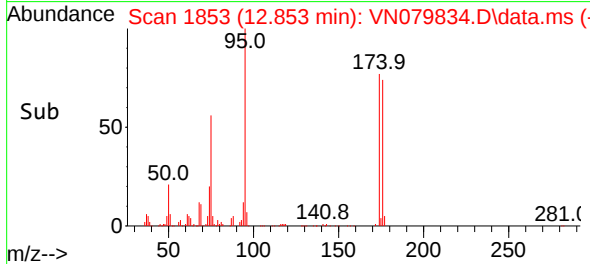
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion: 95 Resp: 207180
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 72.0 0.0 135.8

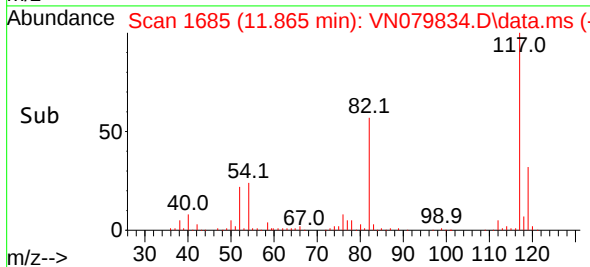
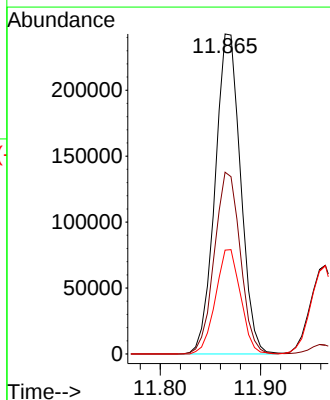
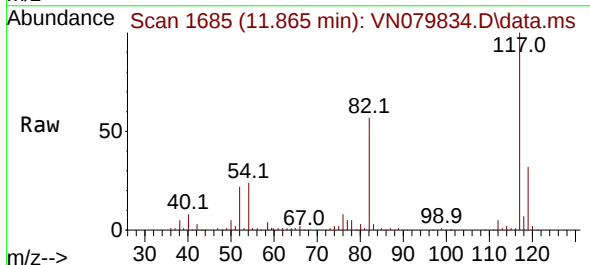
Manual Integrations
APPROVED

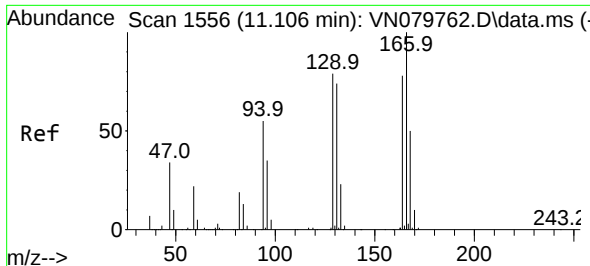
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

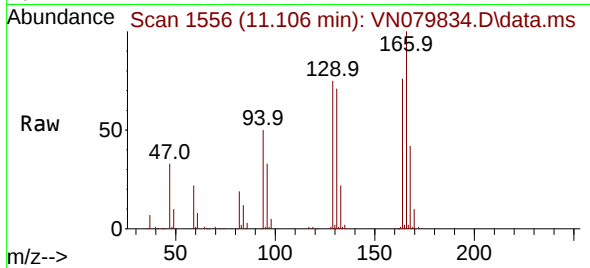
Tgt Ion:117 Resp: 428697
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.5 25.6 38.4





#64
Tetrachloroethene
Concen: 48.371 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

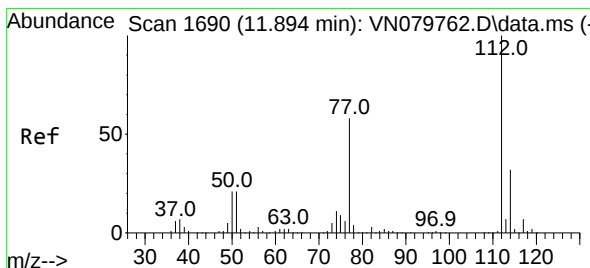
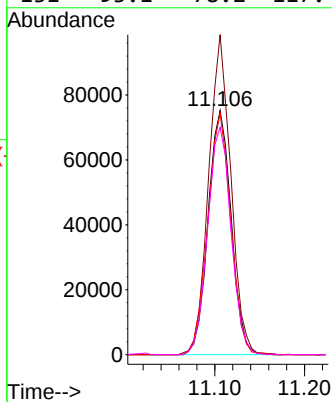
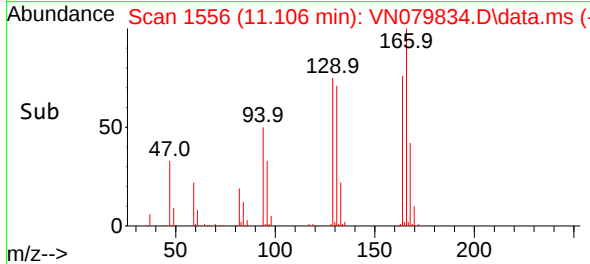
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion:164 Resp: 134300
Ion Ratio Lower Upper
164 100
166 131.1 101.4 152.0
129 98.9 82.4 123.6
131 93.1 78.2 117.4

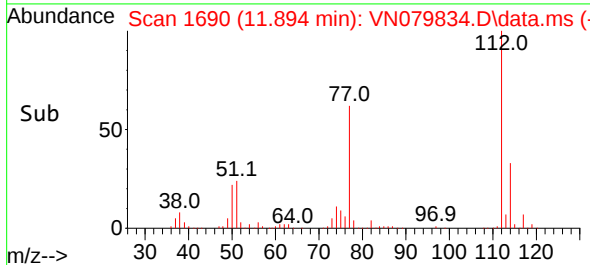
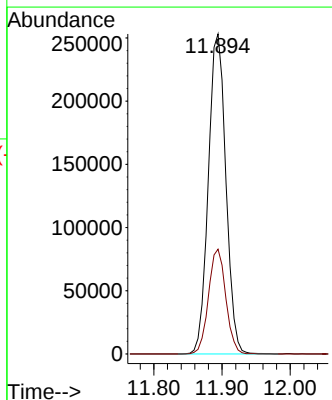
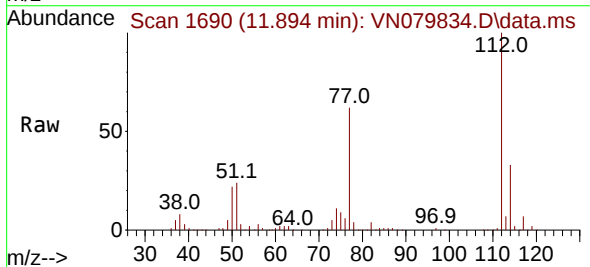
Manual Integrations
APPROVED

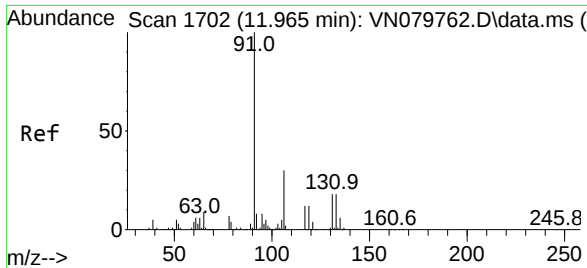
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#65
Chlorobenzene
Concen: 48.748 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

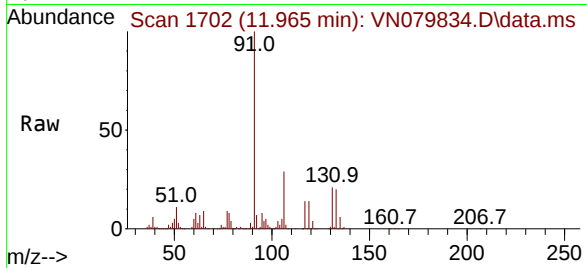
Tgt Ion:112 Resp: 453323
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 53.207 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

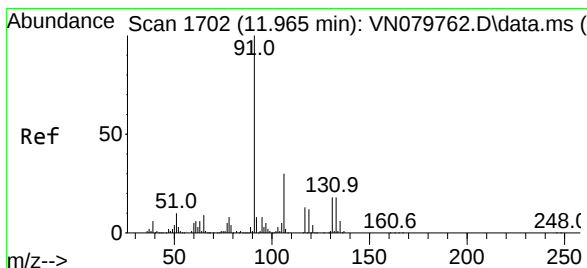
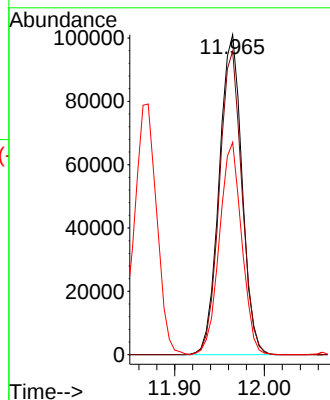
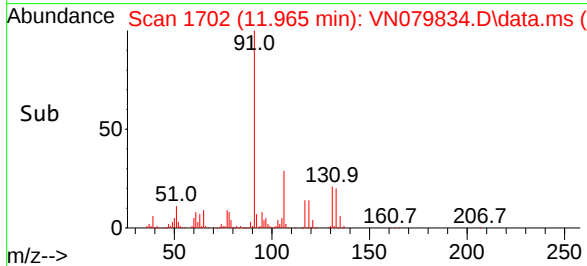
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion:131 Resp: 178268
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 64.9 34.1 102.2

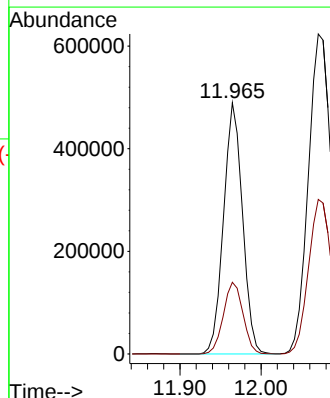
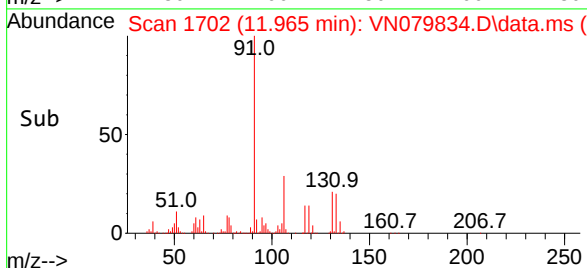
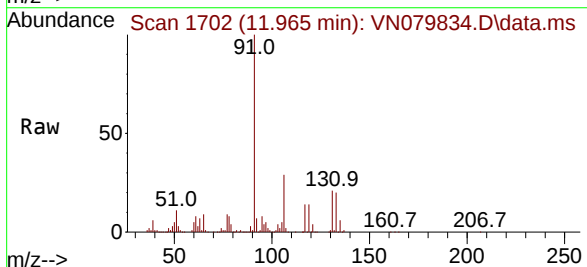
Manual Integrations
APPROVED

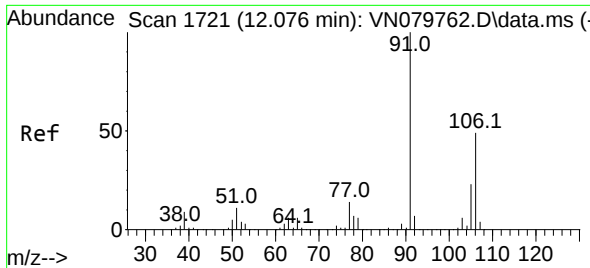
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#67
Ethyl Benzene
Concen: 49.072 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 91 Resp: 795052
Ion Ratio Lower Upper
91 100
106 28.6 25.6 38.4





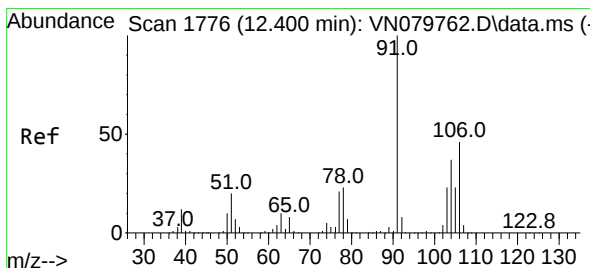
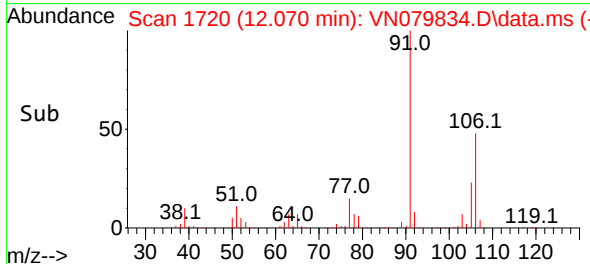
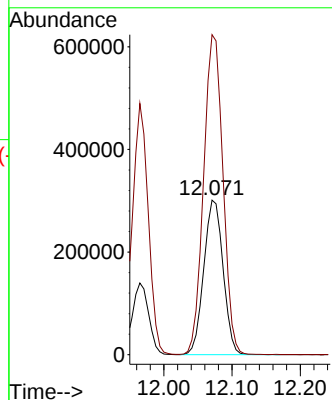
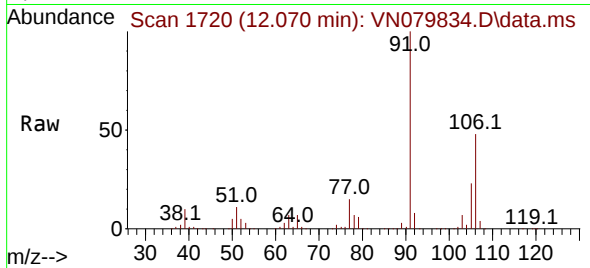
#68
m/p-Xylenes
Concen: 98.400 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS

Tgt Ion:106 Resp: 59388
Ion Ratio Lower Upper
106 100
91 207.2 159.6 239.4

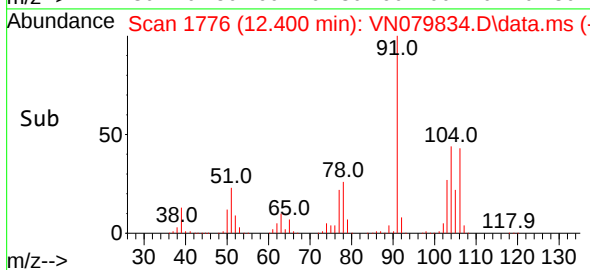
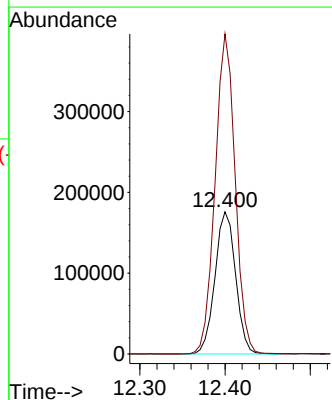
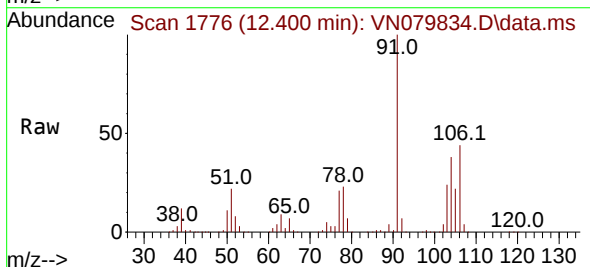
Manual Integrations
APPROVED

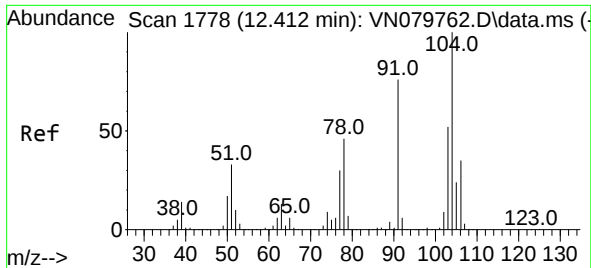
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#69
o-Xylene
Concen: 50.851 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion:106 Resp: 295535
Ion Ratio Lower Upper
106 100
91 219.0 105.2 315.5





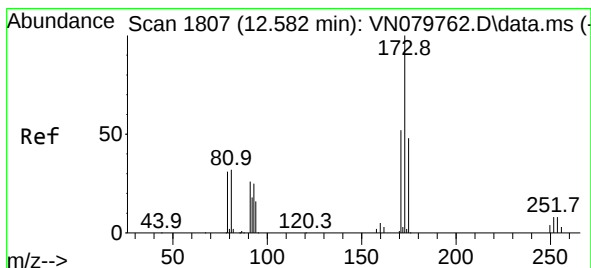
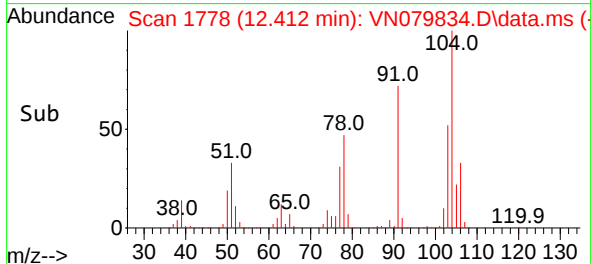
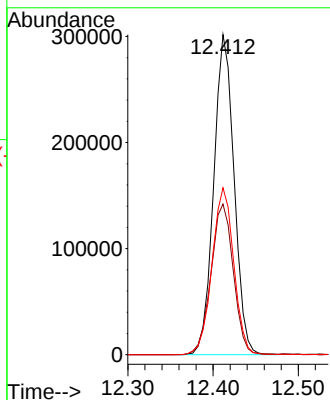
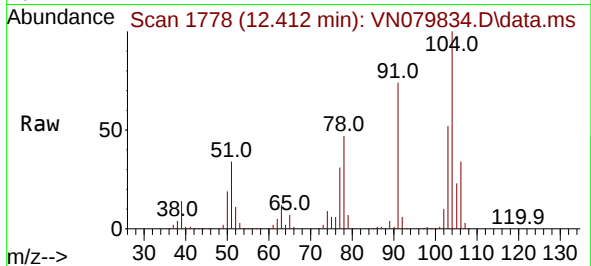
#70
Styrene
Concen: 53.616 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS

Tgt Ion:104 Resp: 50077
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.6 43.2 64.8

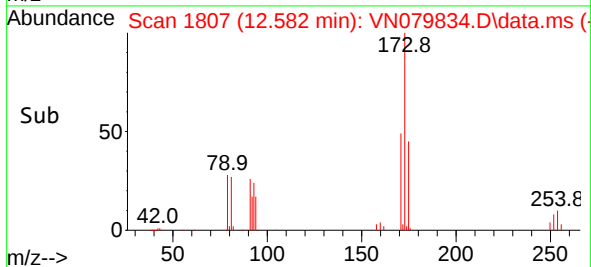
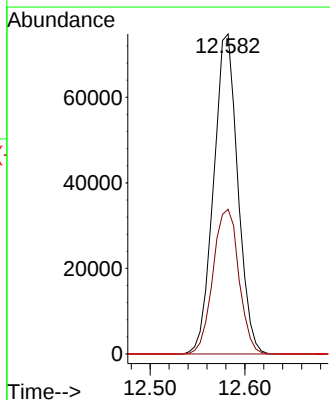
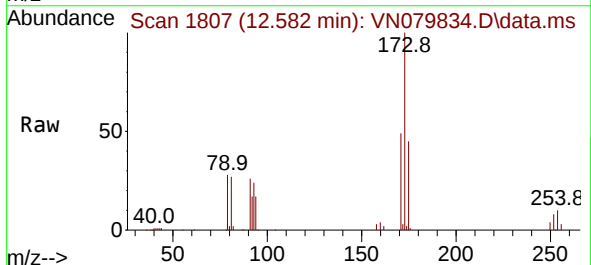
Manual Integrations
APPROVED

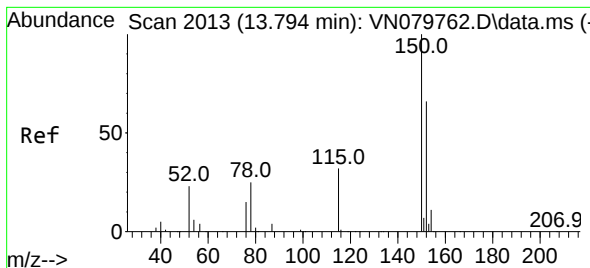
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#71
Bromoform
Concen: 55.835 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

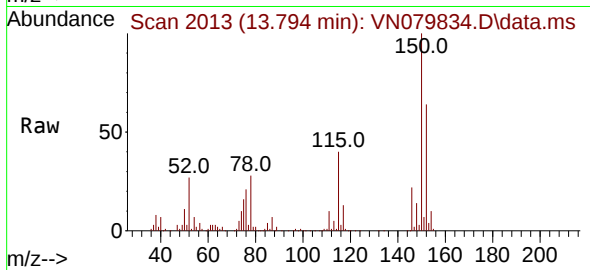
Tgt Ion:173 Resp: 132836
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

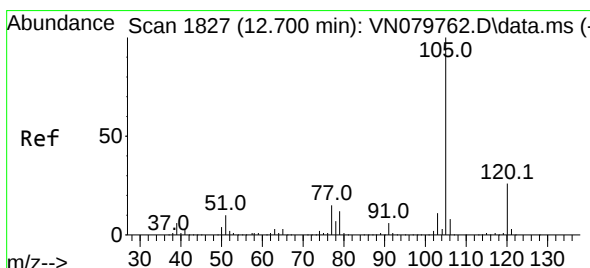
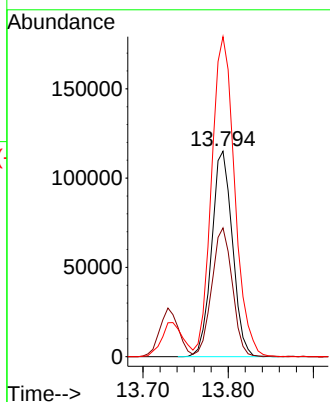
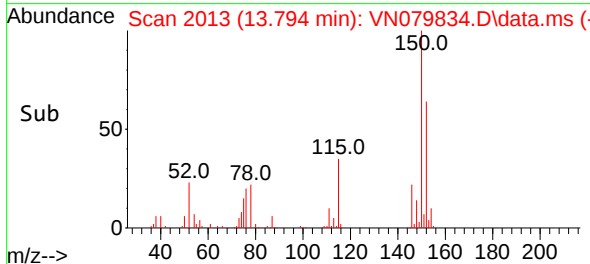
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



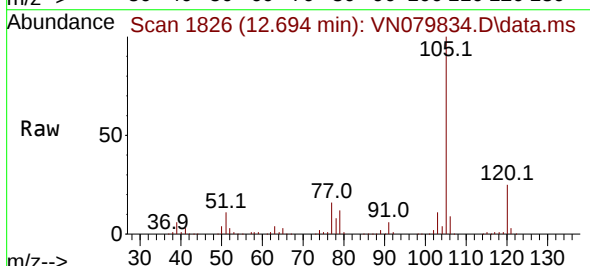
Tgt Ion:152 Resp: 19468
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 173.4 0.0 355.8

Manual Integrations
APPROVED

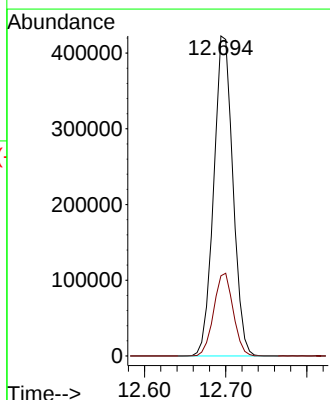
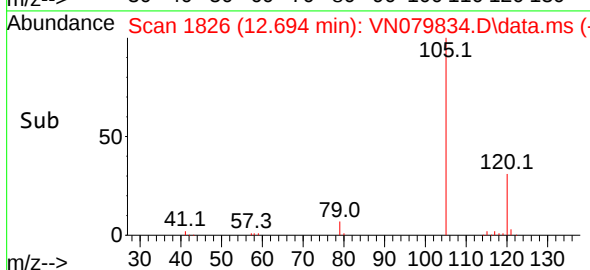
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

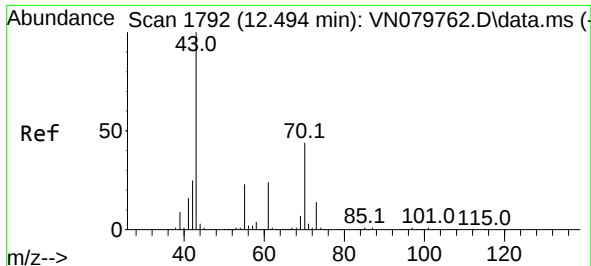


#73
Isopropylbenzene
Concen: 46.905 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



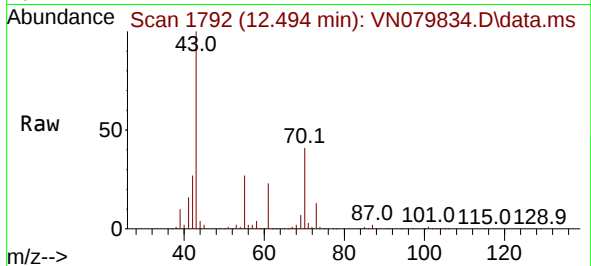
Tgt Ion:105 Resp: 693036
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





#74
N-amy1 acetate
Concen: 46.826 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

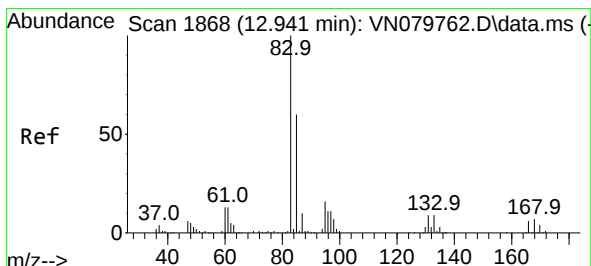
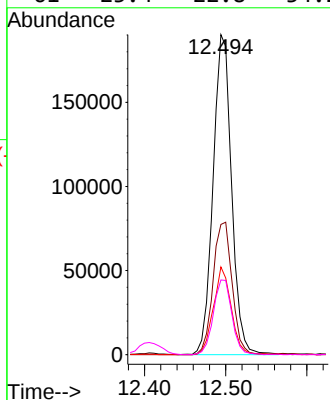
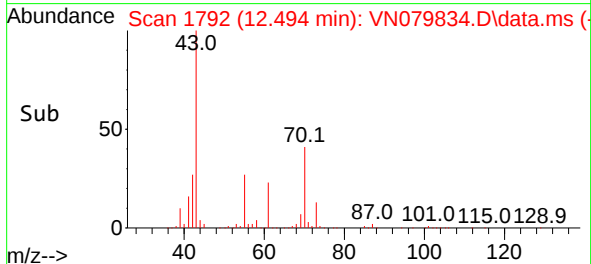
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



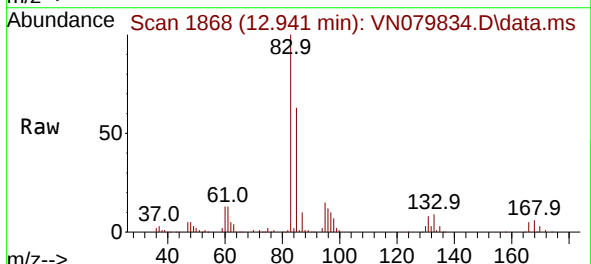
Tgt Ion: 43 Resp: 301992
Ion Ratio Lower Upper
43 100
70 42.6 43.4 65.2
55 26.4 21.4 32.0
61 23.4 22.8 34.2

Manual Integrations
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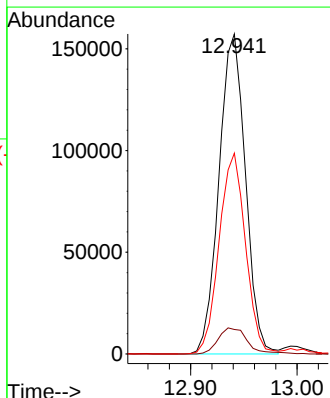
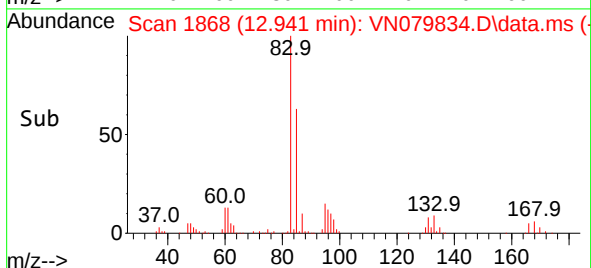
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

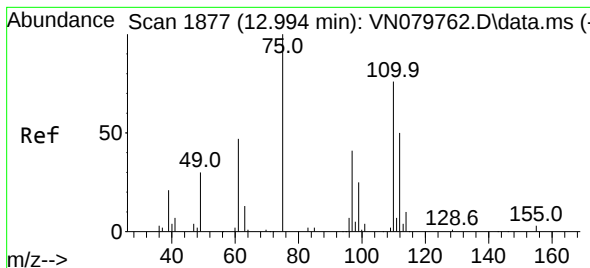


#75
1,1,2,2-Tetrachloroethane
Concen: 51.914 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



Tgt Ion: 83 Resp: 271959
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 62.3 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 50.867 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 75 Resp: 23249

Ion Ratio Lower Upper

75 100

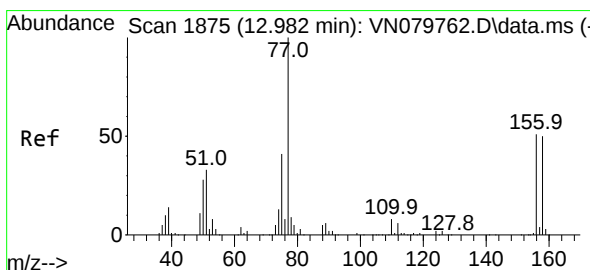
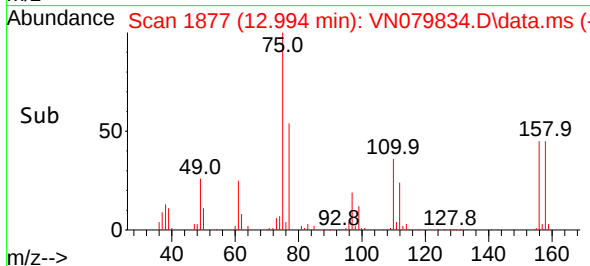
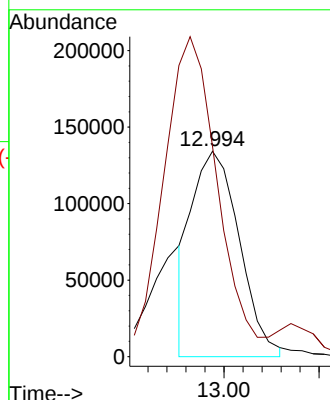
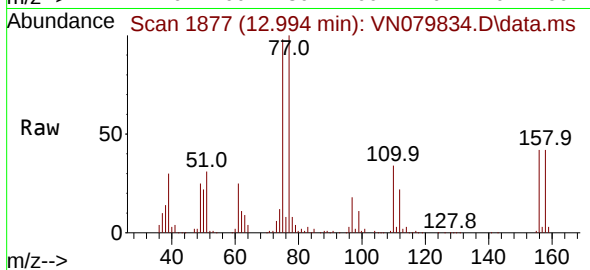
77 179.3 84.5 253.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#77

Bromobenzene

Concen: 50.154 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

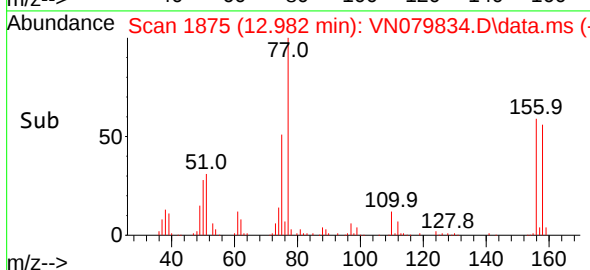
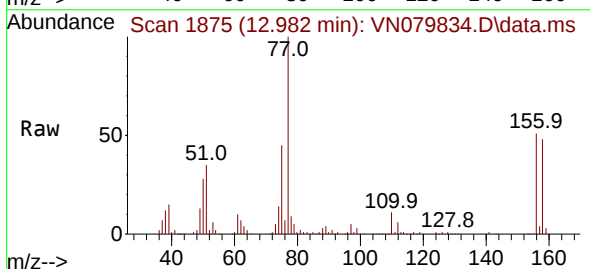
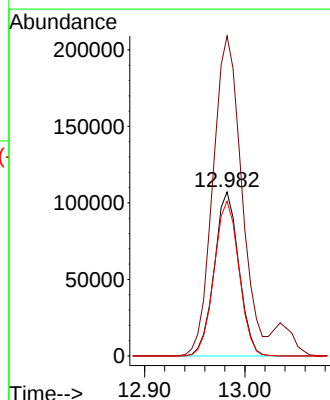
Tgt Ion:156 Resp: 181427

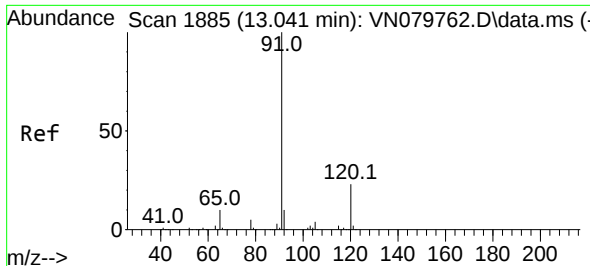
Ion Ratio Lower Upper

156 100

77 229.7 107.7 323.3

158 95.9 48.4 145.3





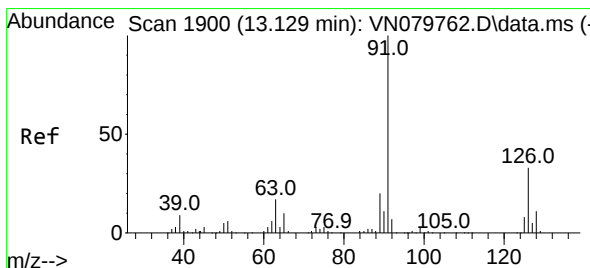
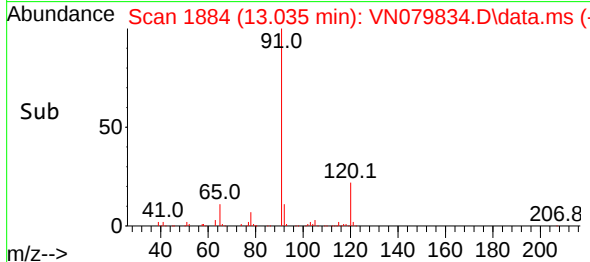
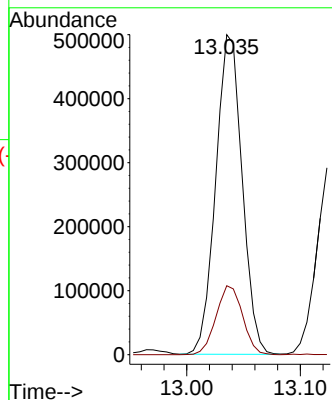
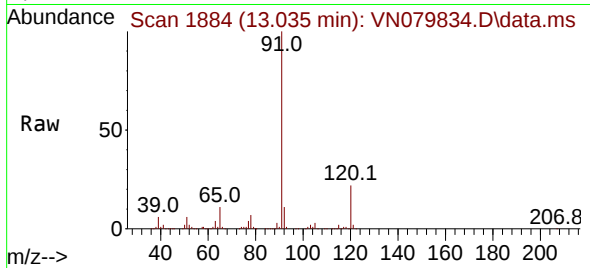
#78
n-propylbenzene
Concen: 47.748 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 91 Resp: 80789
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

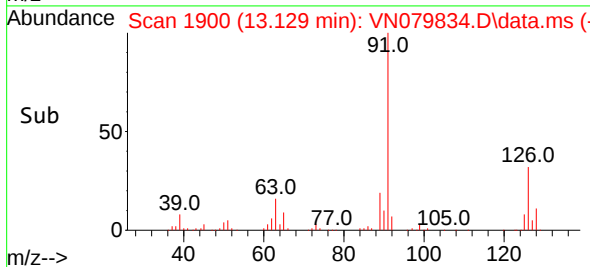
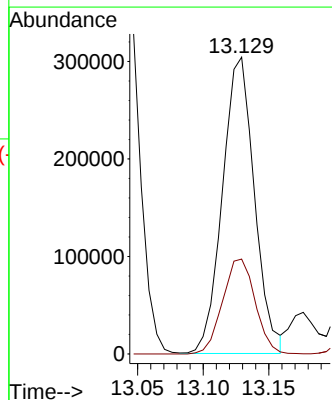
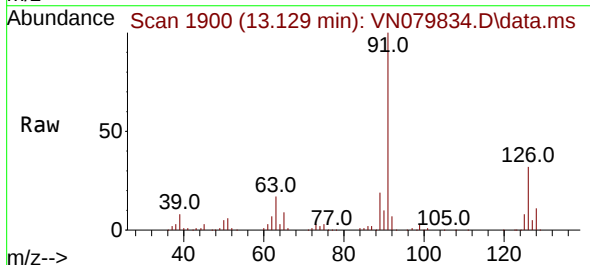
Manual Integrations
APPROVED

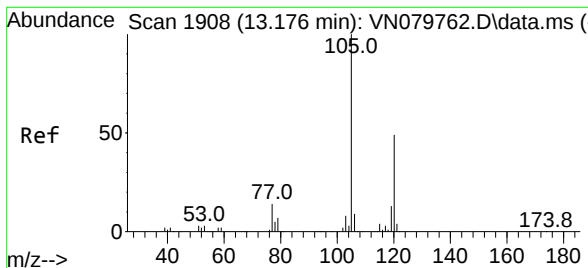
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#79
2-Chlorotoluene
Concen: 47.771 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 91 Resp: 516357
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 50.449 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion:105 Resp: 57994

Ion Ratio Lower Upper

105 100

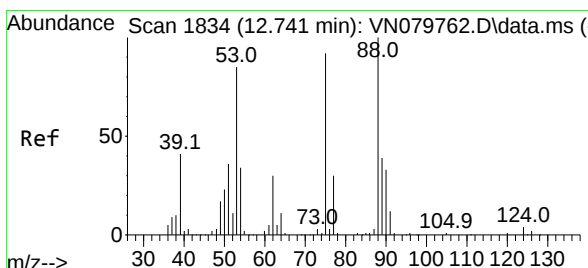
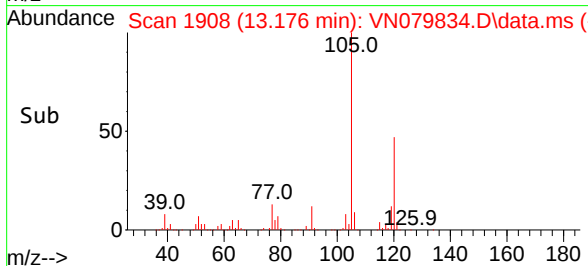
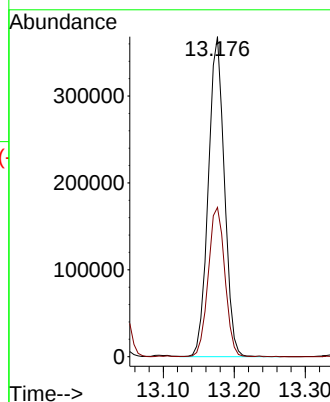
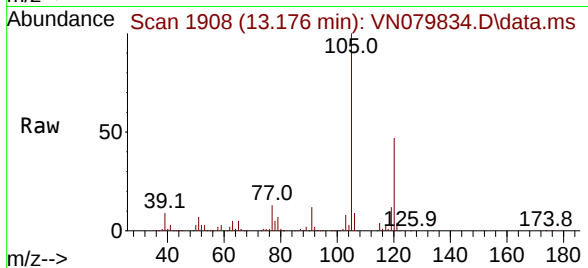
120 48.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 43.687 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

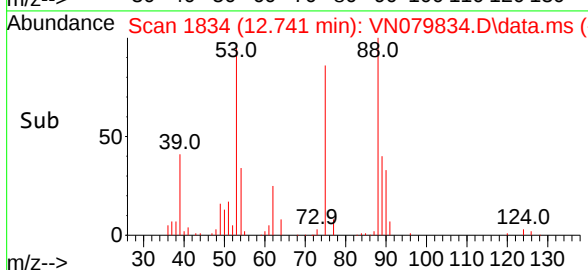
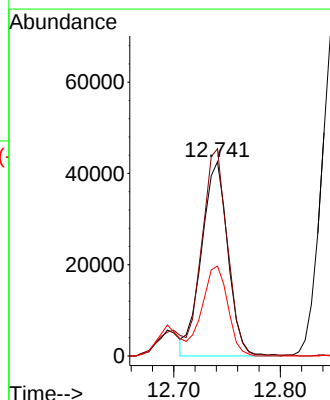
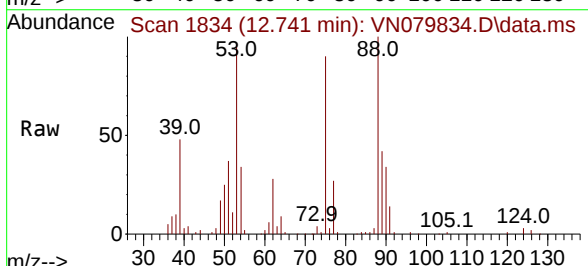
Tgt Ion: 75 Resp: 73389

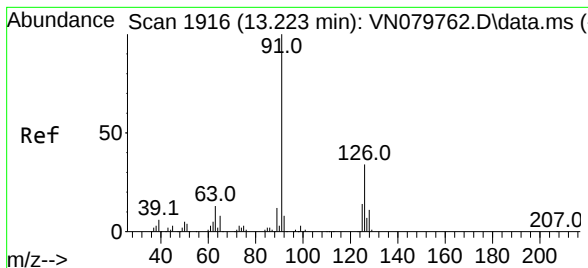
Ion Ratio Lower Upper

75 100

53 100.9 67.4 101.2

89 44.9 38.8 58.2





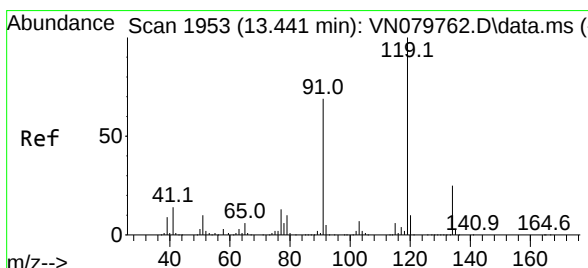
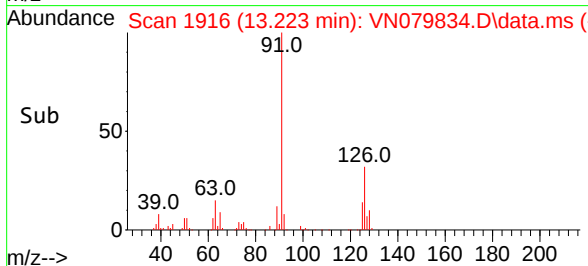
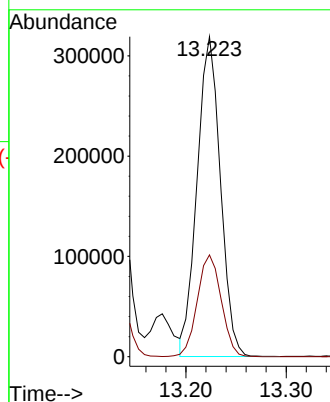
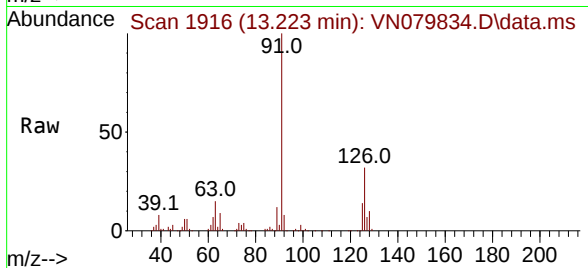
#82
4-Chlorotoluene
Concen: 47.980 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS

Tgt Ion: 91 Resp: 51535
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

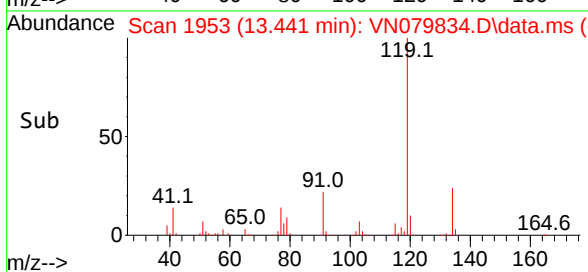
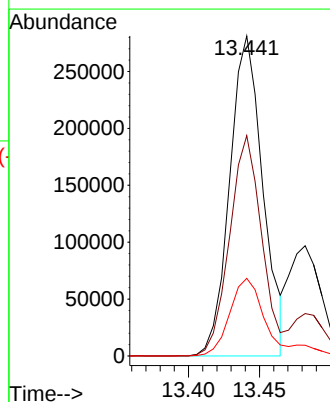
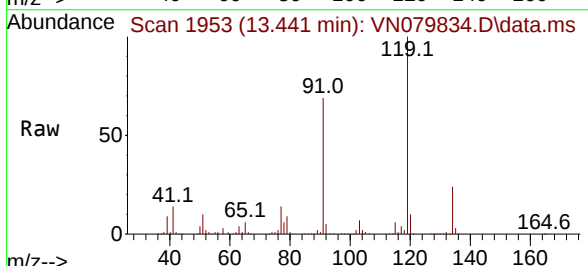
Manual Integrations
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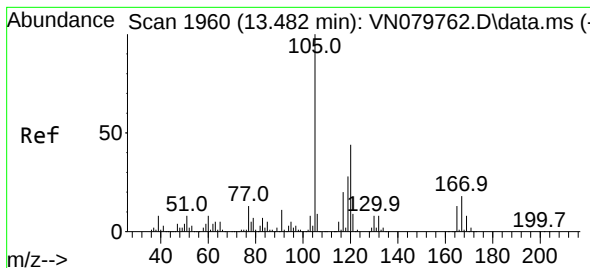
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#83
tert-Butylbenzene
Concen: 48.595 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion:119 Resp: 457262
Ion Ratio Lower Upper
119 100
91 66.5 33.9 101.7
134 27.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 51.428 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion:105 Resp: 581654

Ion Ratio Lower Upper

105 100

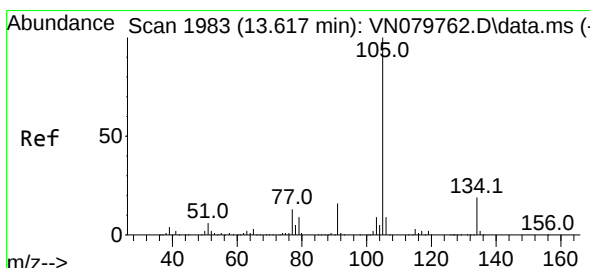
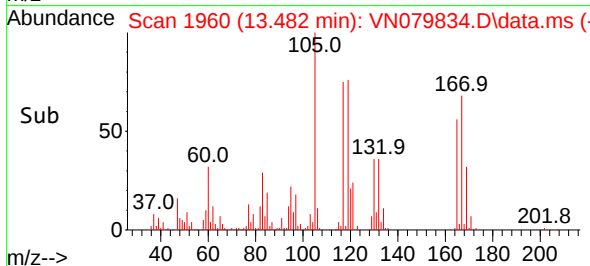
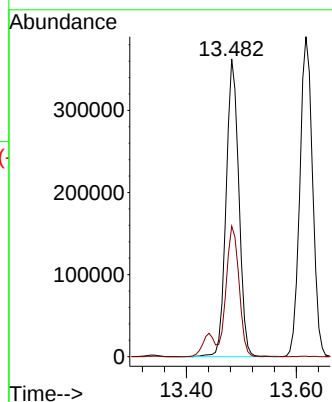
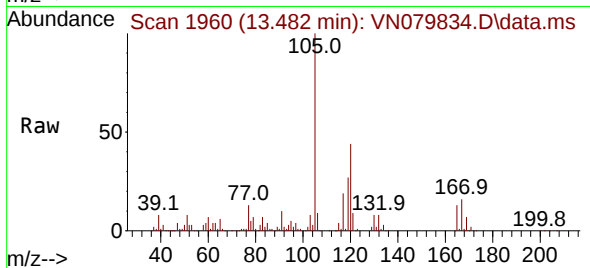
120 44.6 22.0 66.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#85

sec-Butylbenzene

Concen: 47.831 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079834.D

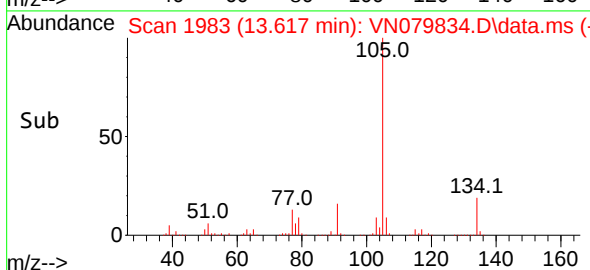
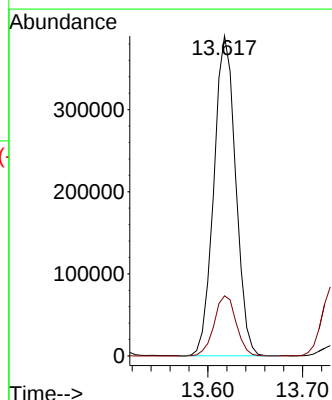
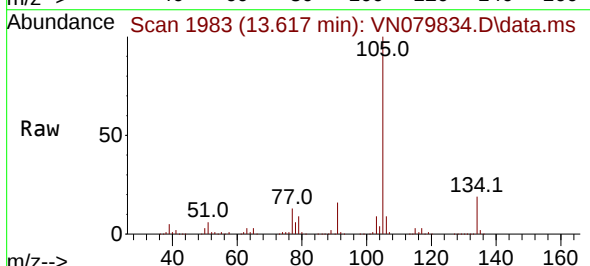
Acq: 03 Nov 2023 08:43

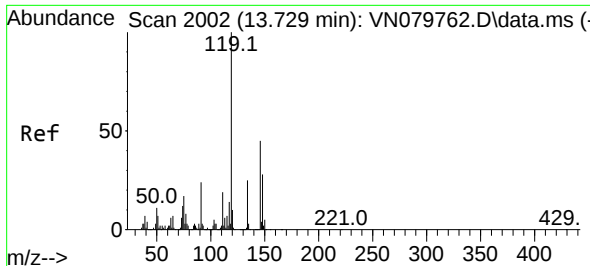
Tgt Ion:105 Resp: 623562

Ion Ratio Lower Upper

105 100

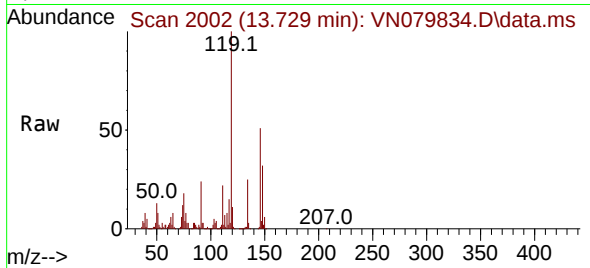
134 19.1 9.8 29.3





#86
p-Isopropyltoluene
Concen: 48.198 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

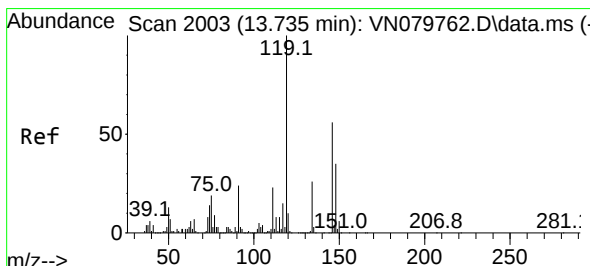
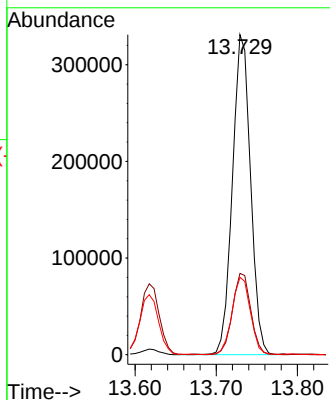
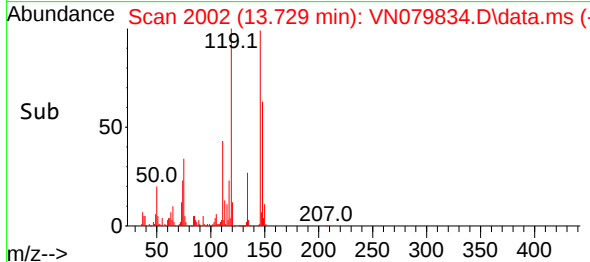
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



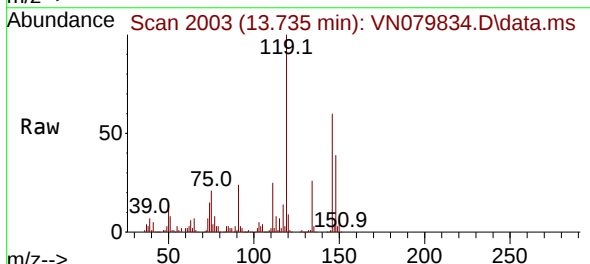
Tgt Ion:119 Resp: 512290
Ion Ratio Lower Upper
119 100
134 25.7 12.6 37.8
91 24.5 12.4 37.2

Manual Integrations
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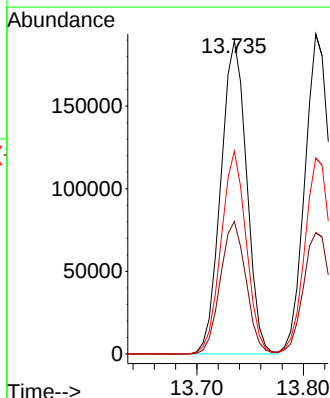
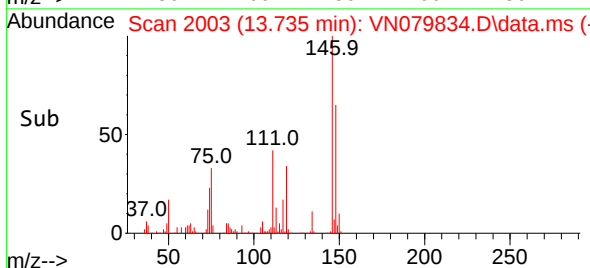
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

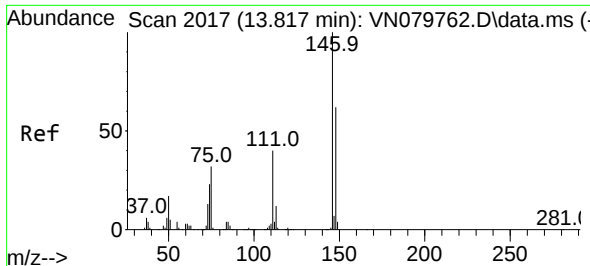


#87
1,3-Dichlorobenzene
Concen: 47.470 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



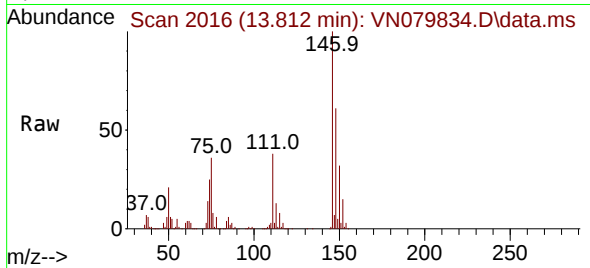
Tgt Ion:146 Resp: 319443
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 63.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 47.216 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

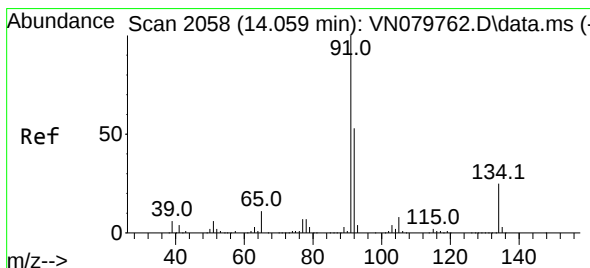
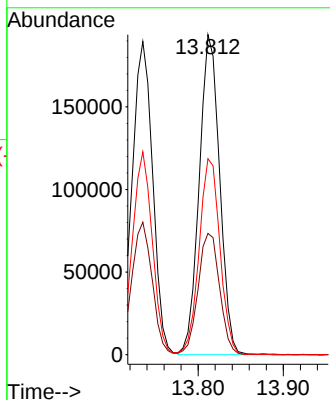
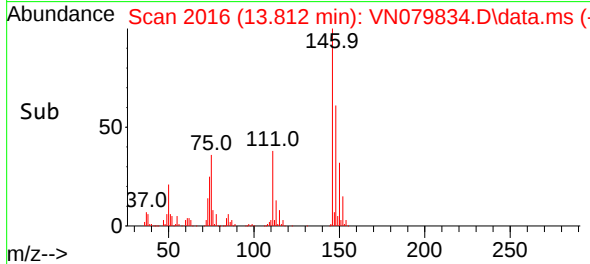
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MS



Tgt Ion:146 Resp: 322504
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 62.2 31.6 94.8

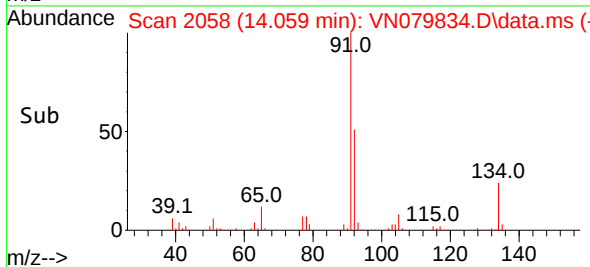
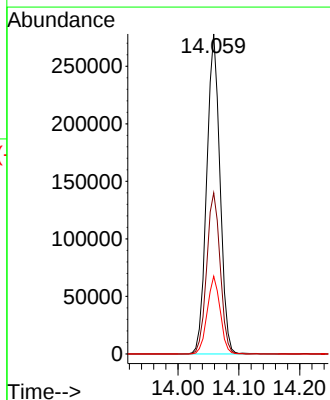
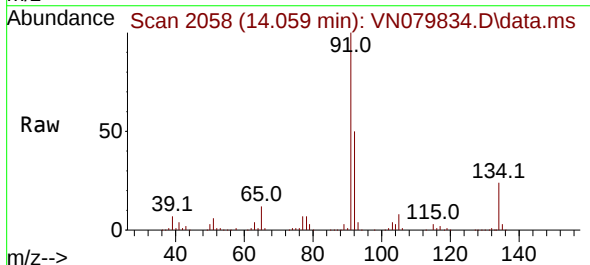
Manual Integrations
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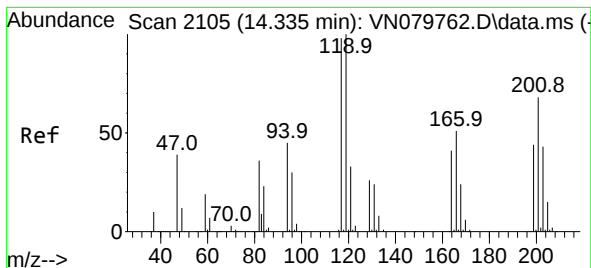
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#89
n-Butylbenzene
Concen: 45.988 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Tgt Ion: 91 Resp: 421010
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 23.7 12.6 37.6





#90

Hexachloroethane

Concen: 47.083 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MS

Tgt Ion:117 Resp: 99109

Ion Ratio Lower Upper

117 100

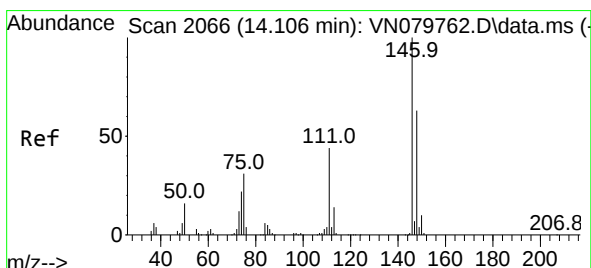
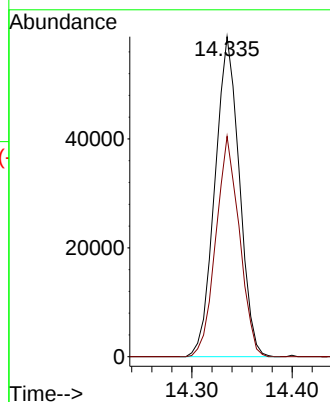
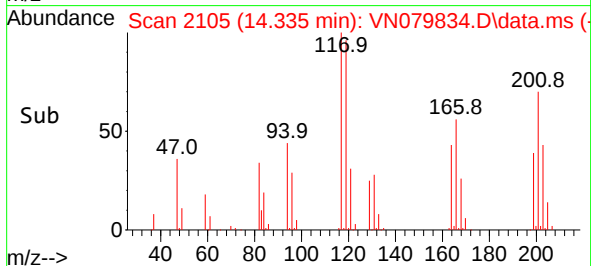
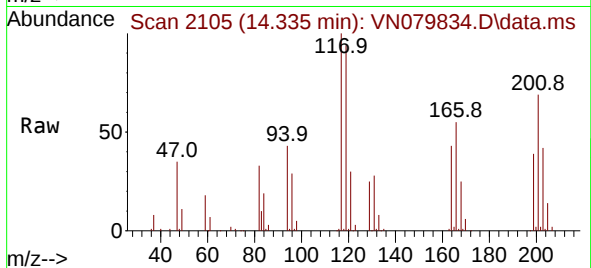
201 66.4 29.3 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#91

1,2-Dichlorobenzene

Concen: 49.739 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079834.D

Acq: 03 Nov 2023 08:43

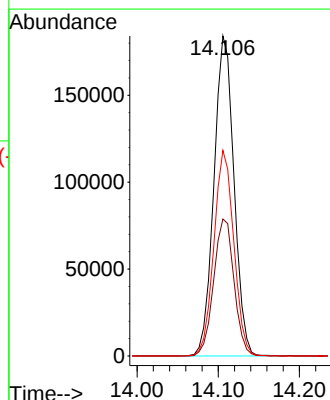
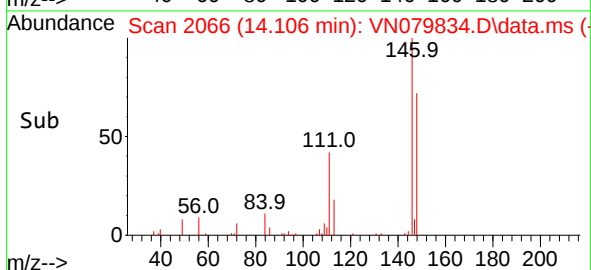
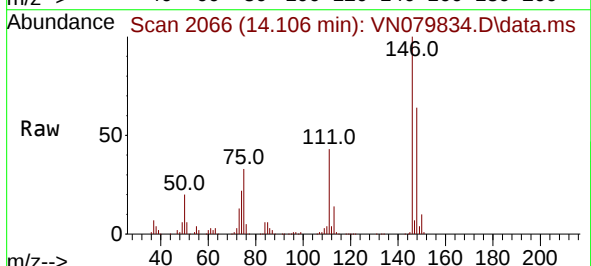
Tgt Ion:146 Resp: 315967

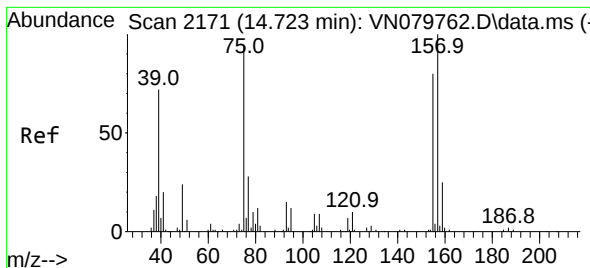
Ion Ratio Lower Upper

146 100

111 43.4 22.0 66.0

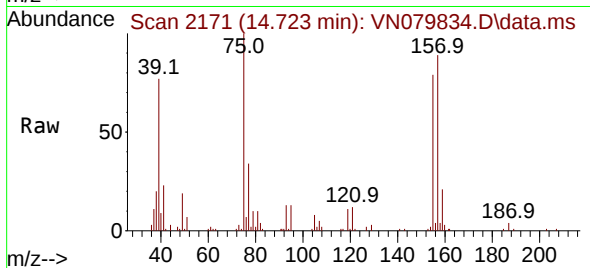
148 63.8 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 52.735 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

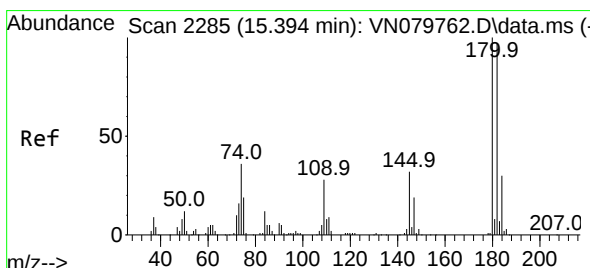
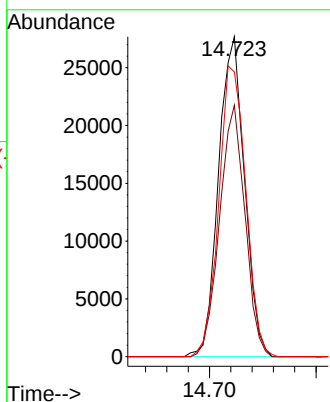
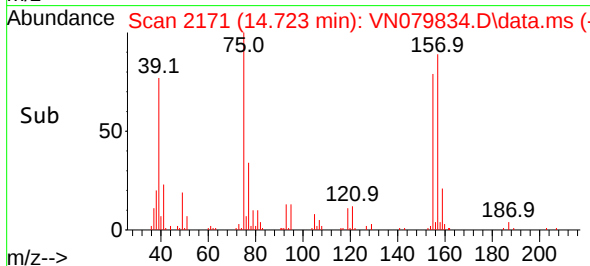
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS



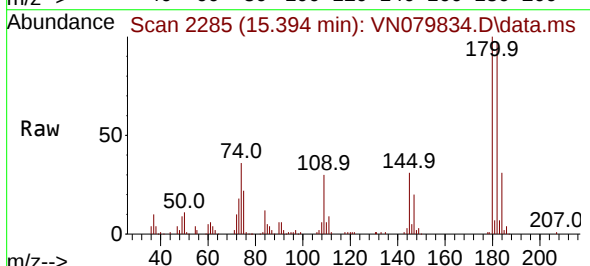
Tgt Ion: 75 Resp: 46849
Ion Ratio Lower Upper
75 100
155 76.8 39.1 117.2
157 94.5 50.3 150.9

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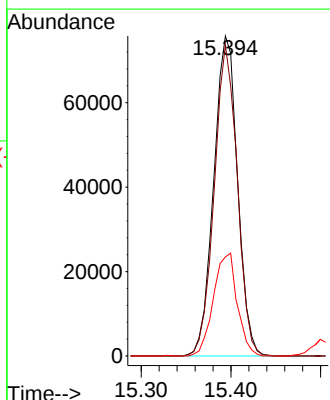
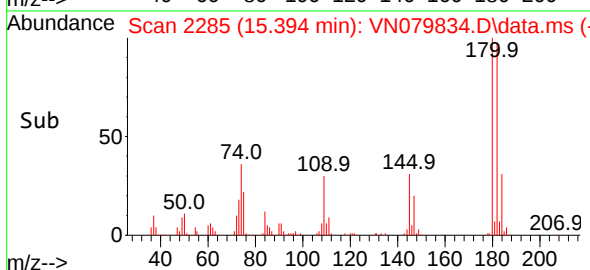
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

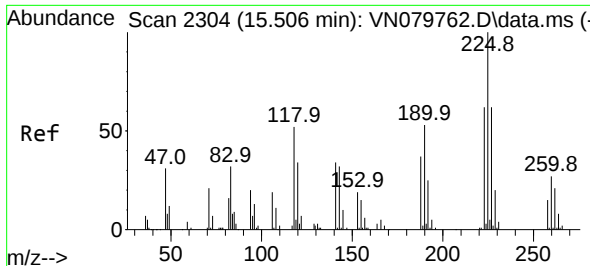


#93
1,2,4-Trichlorobenzene
Concen: 46.210 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43



Tgt Ion:180 Resp: 139580
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 32.1 16.6 49.8





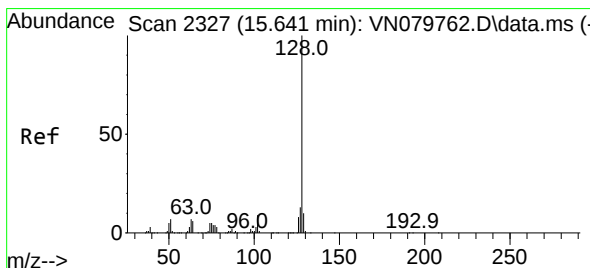
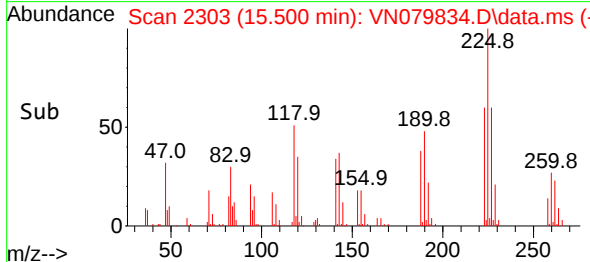
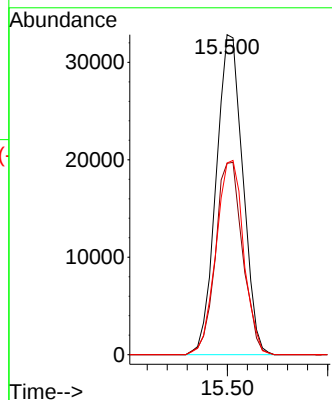
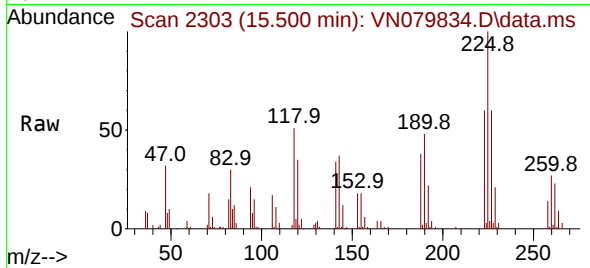
#94
Hexachlorobutadiene
Concen: 44.223 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MS

Tgt Ion:225 Resp: 60554
Ion Ratio Lower Upper
225 100
223 61.3 31.3 93.8
227 62.8 31.9 95.9

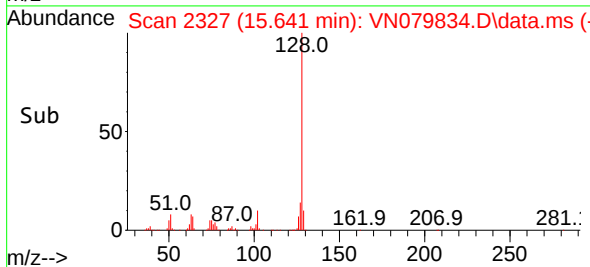
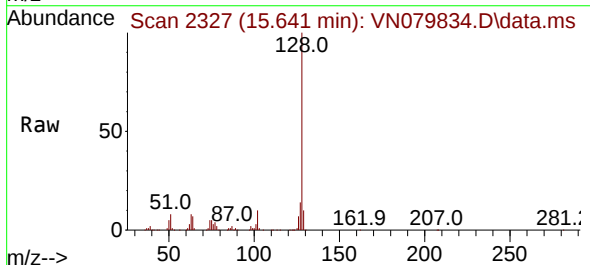
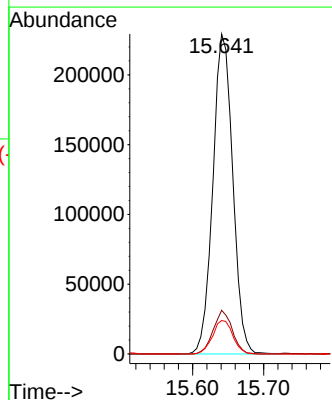
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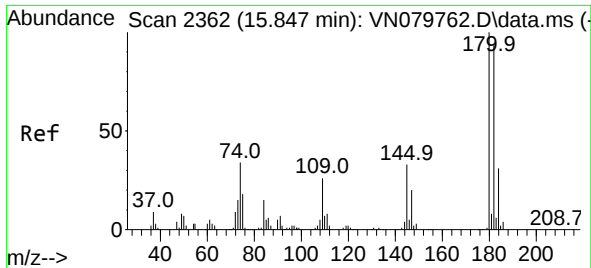
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#95
Naphthalene
Concen: 43.429 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079834.D
Acq: 03 Nov 2023 08:43

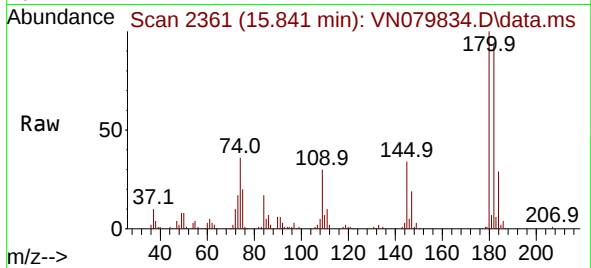
Tgt Ion:128 Resp: 444868
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 47.046 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079834.D
 Acq: 03 Nov 2023 08:43

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MS



Tgt Ion:180 Resp: 139297
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.2 138.6
 145 33.6 17.5 52.6

Manual Integrations
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Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

