

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079838.D
 Acq On : 03 Nov 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 00:47:25 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 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	301645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	473563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241057	52.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.171	113	188763	51.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	10.571	98	717437	53.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.853	95	244262	54.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	197429	54.337	ug/l	97
3) Chloromethane	2.365	50	217824	48.099	ug/l	100
4) Vinyl Chloride	2.512	62	288561	60.672	ug/l	99
5) Bromomethane	2.948	94	157852	54.624	ug/l	98
6) Chloroethane	3.118	64	189461	50.415	ug/l	96
7) Trichlorofluoromethane	3.500	101	438828	74.183	ug/l	99
8) Diethyl Ether	3.959	74	111582	49.707	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	177703	51.820	ug/l	99
10) Methyl Iodide	4.589	142	195852	50.013	ug/l	97
11) Tert butyl alcohol	5.518	59	129135	220.121	ug/l	99
12) 1,1-Dichloroethene	4.342	96	167451	51.573	ug/l #	79
13) Acrolein	4.177	56	139115	321.309	ug/l	96
14) Allyl chloride	5.024	41	276474	55.595	ug/l #	90
15) Acrylonitrile	5.712	53	468381	256.195	ug/l	99
16) Acetone	4.424	43	444056	275.081	ug/l	93
17) Carbon Disulfide	4.712	76	473797	50.589	ug/l	100
18) Methyl Acetate	5.018	43	379320	49.115	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	587283	52.537	ug/l	93
20) Methylene Chloride	5.283	84	206312	50.651	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	195139	53.888	ug/l #	80
22) Diisopropyl ether	6.671	45	680936	59.086	ug/l #	89
23) Vinyl Acetate	6.600	43	1789898	281.567	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	394076	56.259	ug/l	98
25) 2-Butanone	7.483	43	639397	270.487	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	323733	55.883	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	229579	53.001	ug/l	83
28) Bromochloromethane	7.812	49	189954	55.646	ug/l #	75
29) Tetrahydrofuran	7.835	42	404663	263.116	ug/l #	74
30) Chloroform	7.965	83	402643	52.919	ug/l	94
31) Cyclohexane	8.259	56	309857	51.024	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	339758	54.803	ug/l	94
36) 1,1-Dichloropropene	8.371	75	296937	56.888	ug/l	94
37) Ethyl Acetate	7.559	43	251004	52.433	ug/l #	90
38) Carbon Tetrachloride	8.365	117	293195	55.735	ug/l	98
39) Methylcyclohexane	9.606	83	278597	56.715	ug/l #	86
40) Benzene	8.606	78	869824	55.637	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By : John Carlone 11/04/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	144386	56.799	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	317509	58.141	ug/l	97
43) Isopropyl Acetate	8.688	43	428806	51.078	ug/l #	92
44) Trichloroethene	9.353	130	209666	54.045	ug/l	100
45) 1,2-Dichloropropane	9.624	63	235261	58.884	ug/l	96
46) Dibromomethane	9.712	93	149106	54.656	ug/l	94
47) Bromodichloromethane	9.888	83	317483	54.568	ug/l	96
48) Methyl methacrylate	9.682	41	214364	58.296	ug/l #	79
49) 1,4-Dioxane	9.694	88	63274	973.813	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1309053	276.966	ug/l	90
52) Toluene	10.629	92	533902	57.604	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	332681	58.328	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	367632	59.135	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	207487	55.658	ug/l	96
56) Ethyl methacrylate	10.876	69	300176	56.451	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	374881	57.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	728131	270.169	ug/l #	88
59) 2-Hexanone	11.200	43	970368	268.377	ug/l	87
60) Dibromochloromethane	11.359	129	223267	55.951	ug/l	99
61) 1,2-Dibromoethane	11.471	107	203890	54.492	ug/l	96
64) Tetrachloroethene	11.106	164	178552	58.216	ug/l	95
65) Chlorobenzene	11.894	112	564887	54.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	207231	55.992	ug/l	97
67) Ethyl Benzene	11.965	91	1035907	57.881	ug/l	96
68) m/p-Xylenes	12.070	106	767243	115.080	ug/l	94
69) o-Xylene	12.400	106	371905	57.929	ug/l	94
70) Styrene	12.412	104	628147	60.882	ug/l	98
71) Bromoform	12.582	173	145702	55.441	ug/l #	100
73) Isopropylbenzene	12.700	105	933218	55.310	ug/l	99
74) N-amyl acetate	12.494	43	371573	50.454	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	292286	48.859	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	256389m	49.123	ug/l	
77) Bromobenzene	12.982	156	224979	54.464	ug/l	97
78) n-propylbenzene	13.035	91	1113006	57.604	ug/l	98
79) 2-Chlorotoluene	13.129	91	672384	54.474	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	760680	57.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	88997	46.393	ug/l #	81
82) 4-Chlorotoluene	13.223	91	675241	55.052	ug/l	100
83) tert-Butylbenzene	13.441	119	615463	57.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	767761	59.445	ug/l	99
85) sec-Butylbenzene	13.617	105	861725	57.883	ug/l	99
86) p-Isopropyltoluene	13.729	119	709608	58.464	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	409956	53.349	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	410841	52.672	ug/l	99
89) n-Butylbenzene	14.059	91	613831	58.717	ug/l	99
90) Hexachloroethane	14.335	117	132742	55.222	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	392406	54.094	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49281	48.577	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	182691	52.965	ug/l	98
94) Hexachlorobutadiene	15.506	225	84651	54.137	ug/l	98
95) Naphthalene	15.641	128	533835	45.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	174220	51.527	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

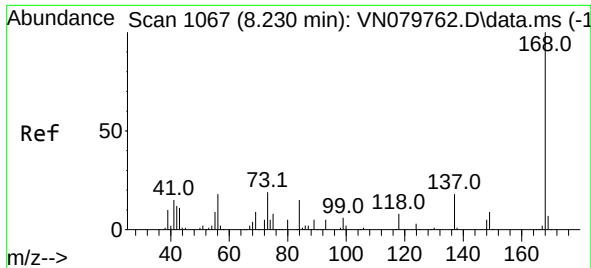
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 00:47:25 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



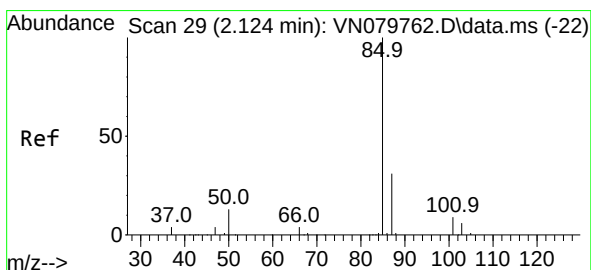
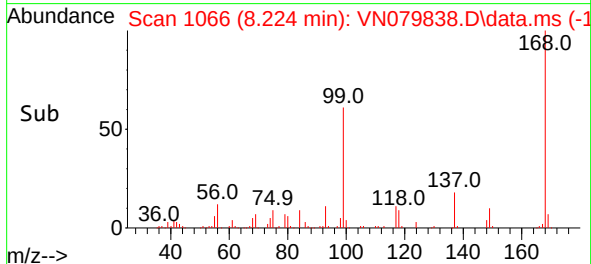
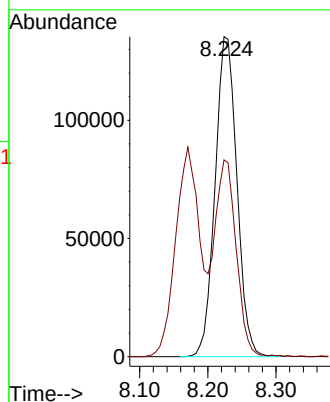
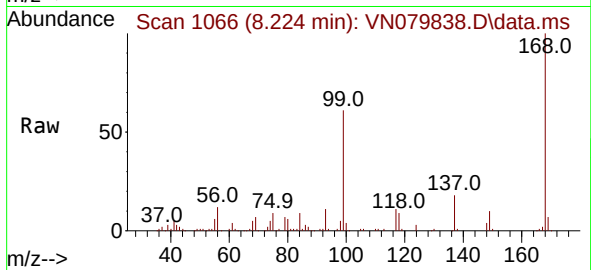
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 301649
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6

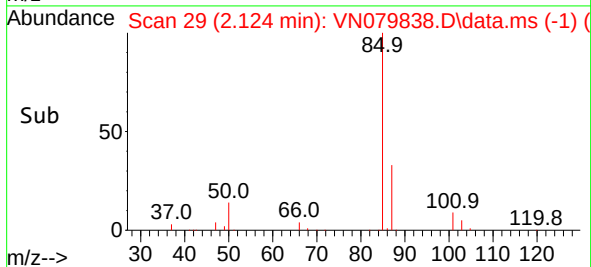
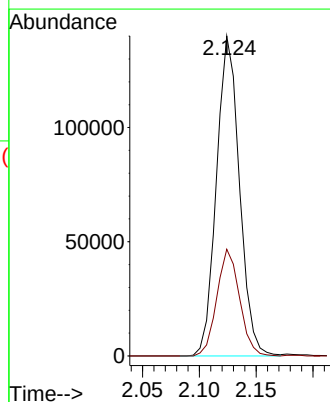
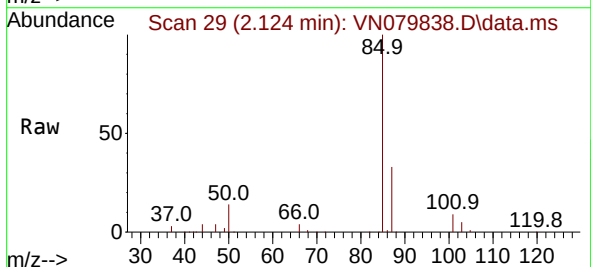
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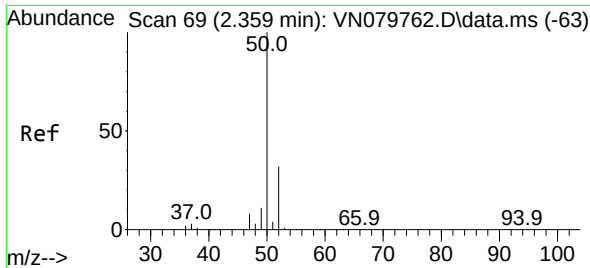
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 54.337 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

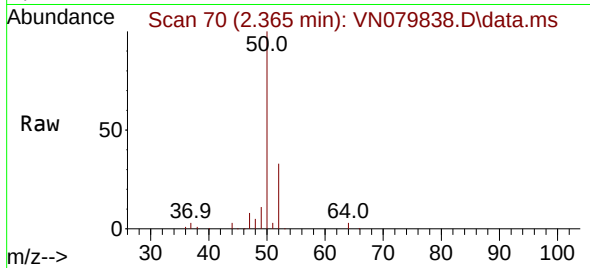
Tgt Ion: 85 Resp: 197429
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 48.099 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

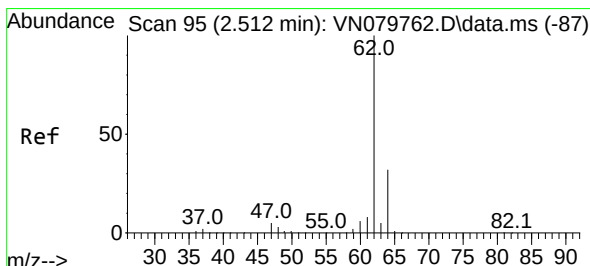
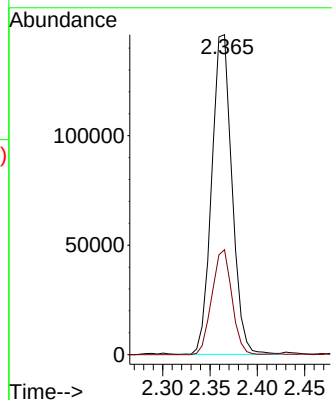
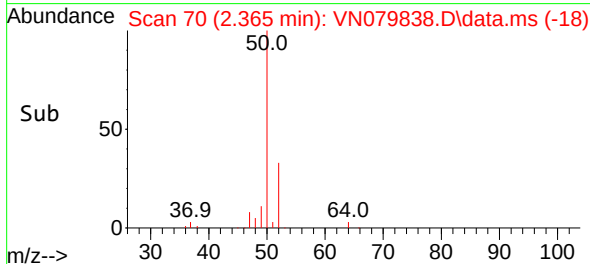
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



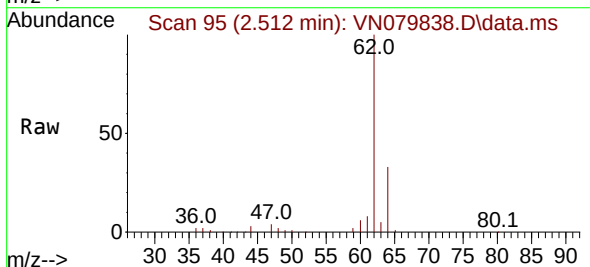
Tgt Ion: 50 Resp: 217824
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

Manual Integrations
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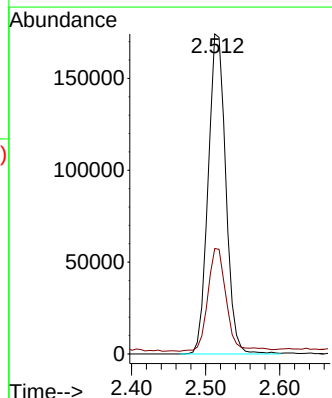
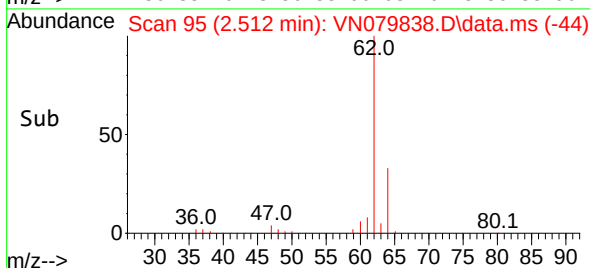
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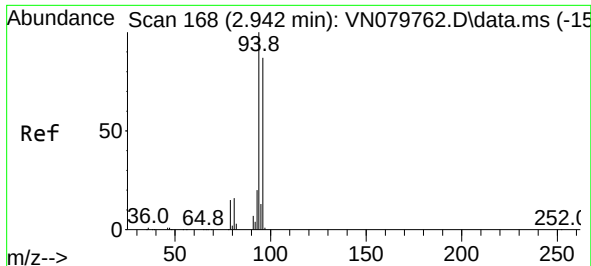


#4
Vinyl Chloride
Concen: 60.672 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



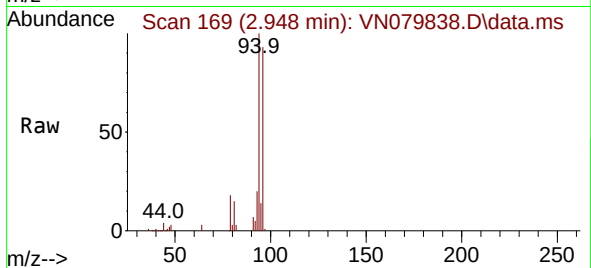
Tgt Ion: 62 Resp: 288561
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 54.624 ug/l
RT: 2.948 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN079838.D
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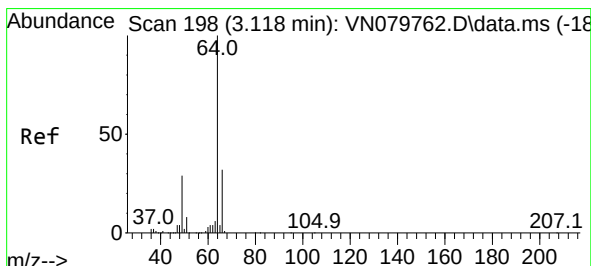
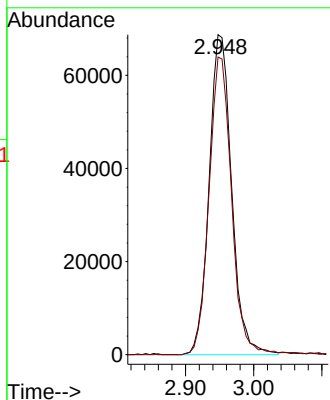
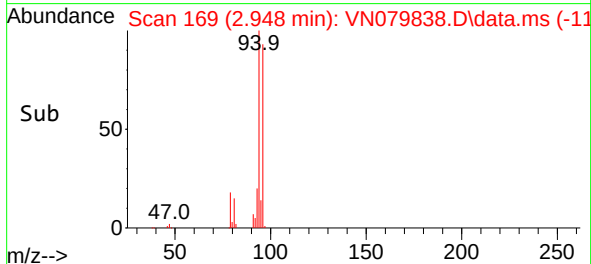
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 157852
Ion Ratio Lower Upper
94 100
96 93.0 73.1 109.7

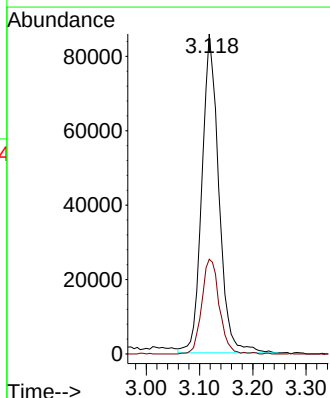
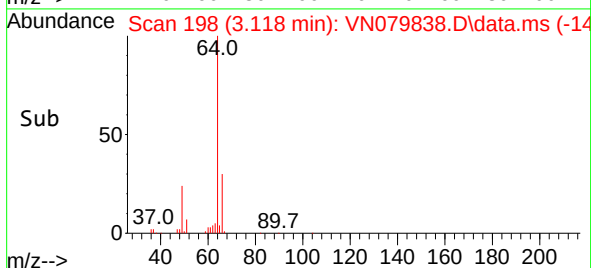
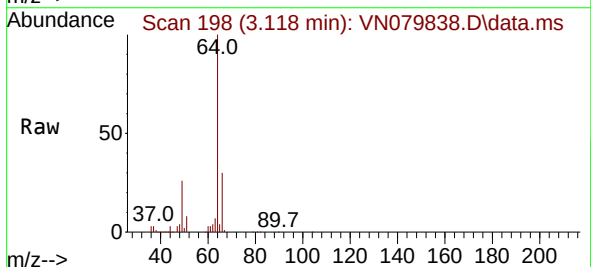
Manual Integrations
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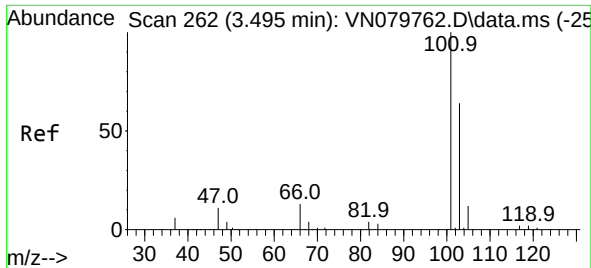
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#6
Chloroethane
Concen: 50.415 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 64 Resp: 189461
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





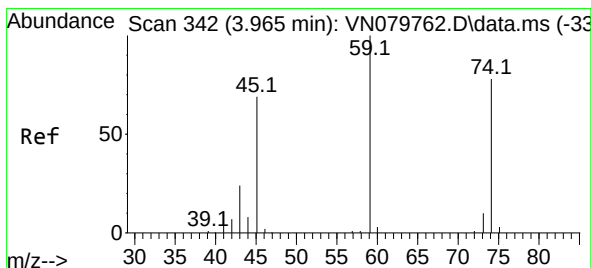
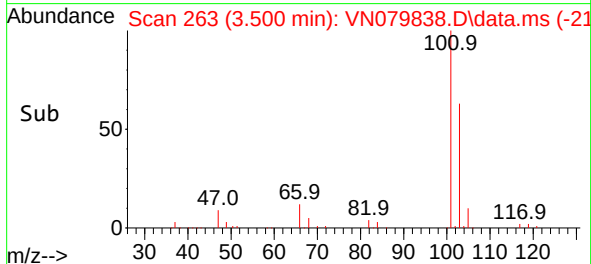
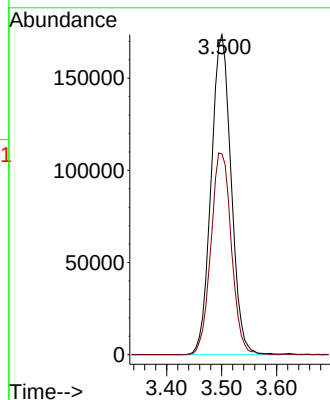
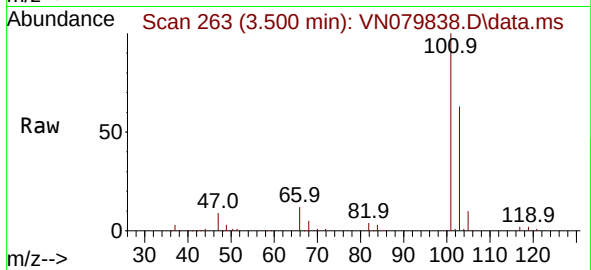
#7
Trichlorofluoromethane
Concen: 74.183 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 438828
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1

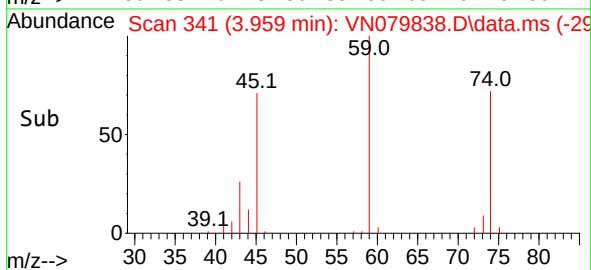
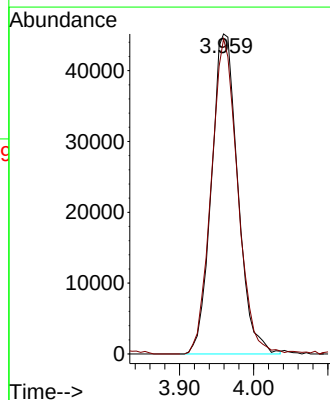
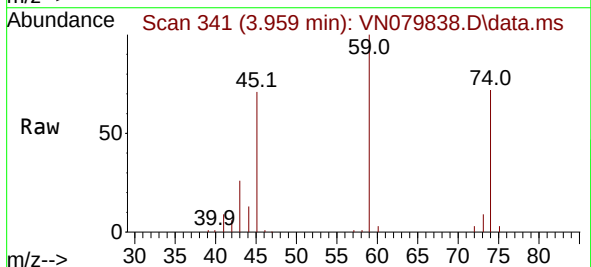
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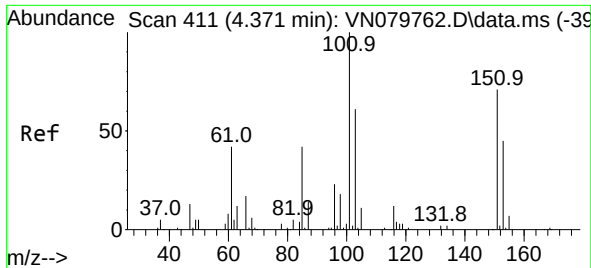
Reviewed By :John Carlone 11/04/2023
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#8
Diethyl Ether
Concen: 49.707 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 74 Resp: 111582
Ion Ratio Lower Upper
74 100
45 98.9 34.4 103.3





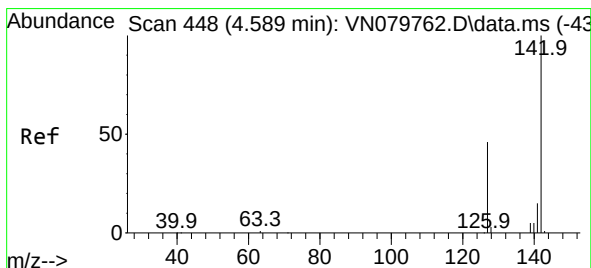
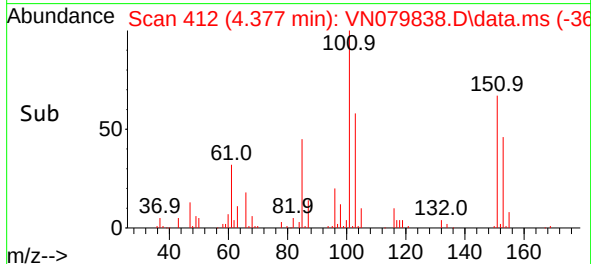
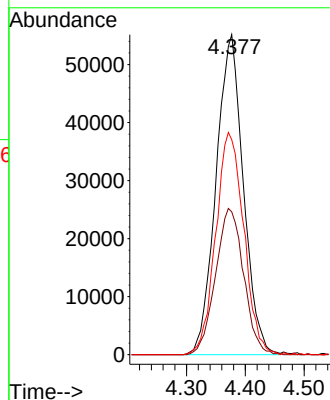
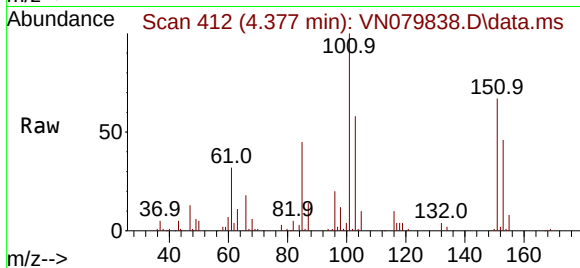
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.820 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17770
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 71.4 57.6 86.4

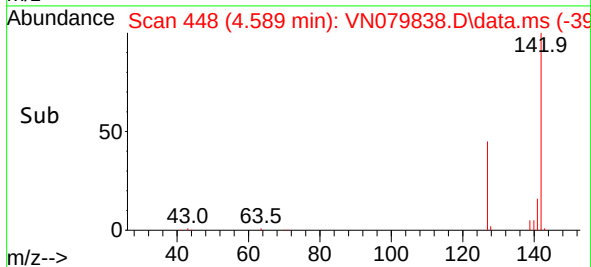
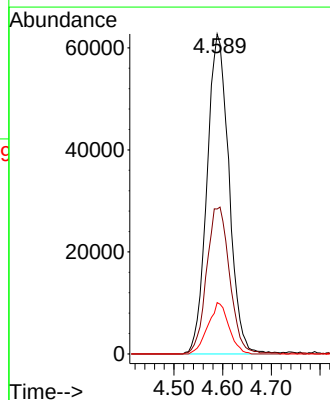
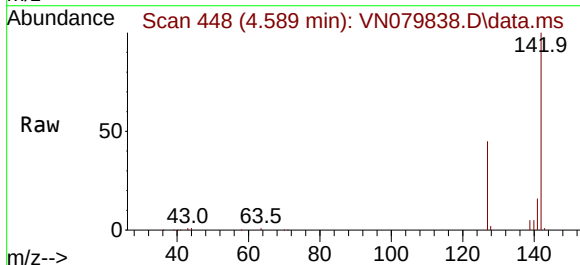
Manual Integrations
APPROVED

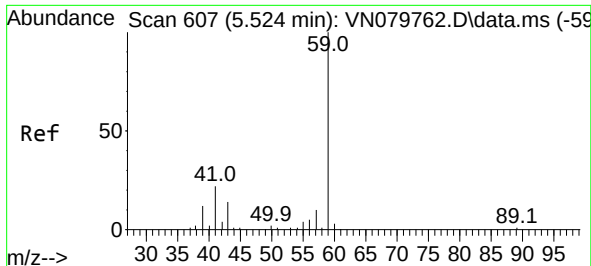
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 50.013 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion:142 Resp: 195852
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 16.1 11.4 17.0





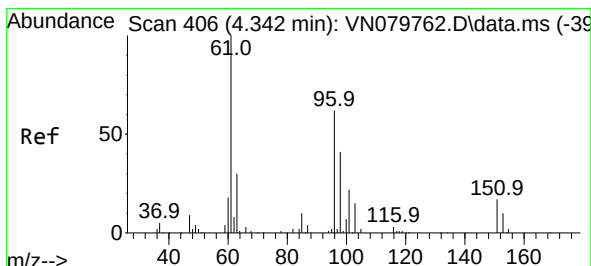
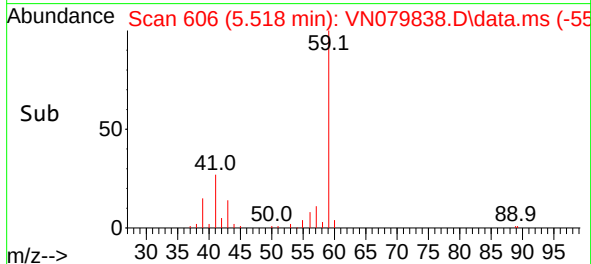
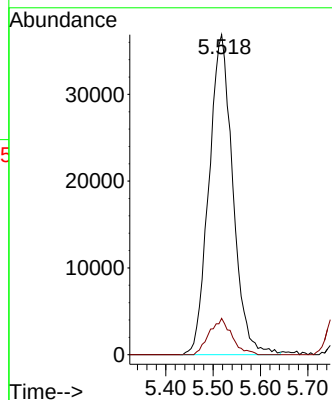
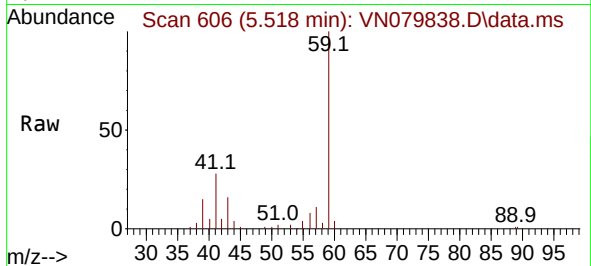
#11
Tert butyl alcohol
Concen: 220.121 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 129135
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

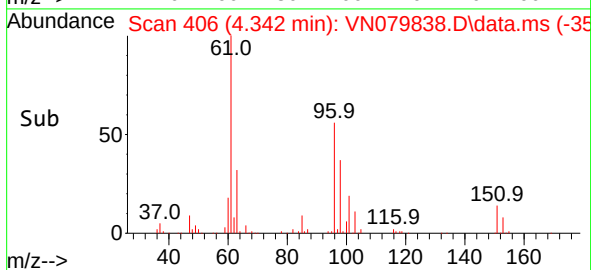
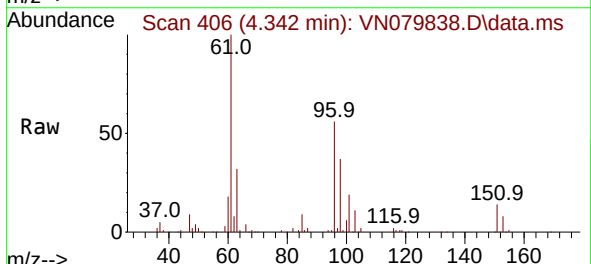
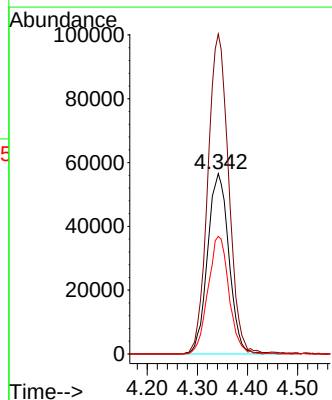
Manual Integrations
APPROVED

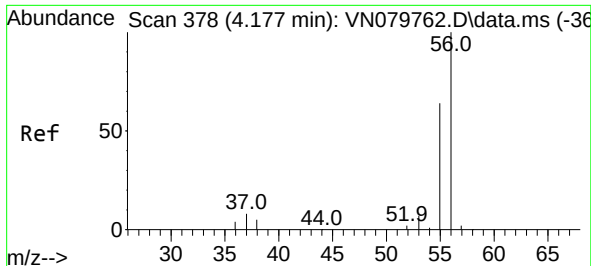
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 51.573 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

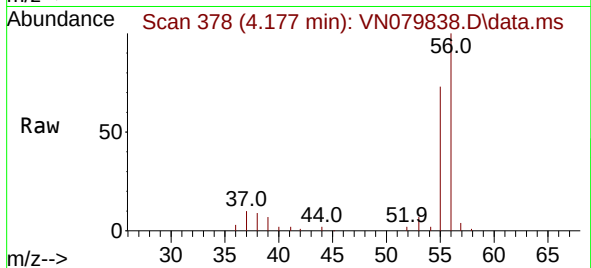
Tgt Ion: 96 Resp: 167451
Ion Ratio Lower Upper
96 100
61 177.4 112.7 169.1#
98 65.2 51.2 76.8





#13
Acrolein
Concen: 321.309 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

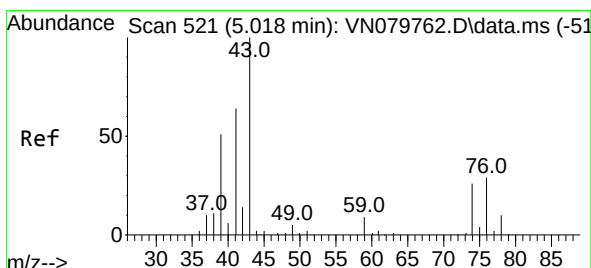
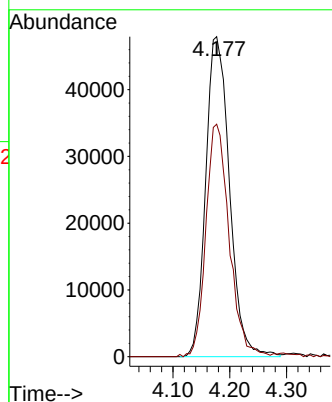
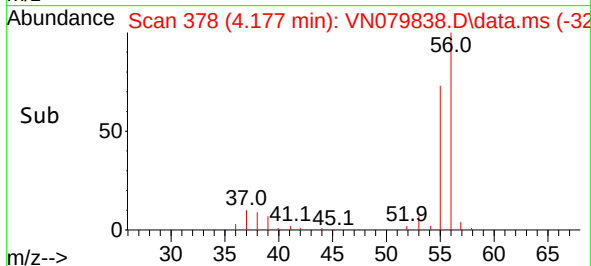
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



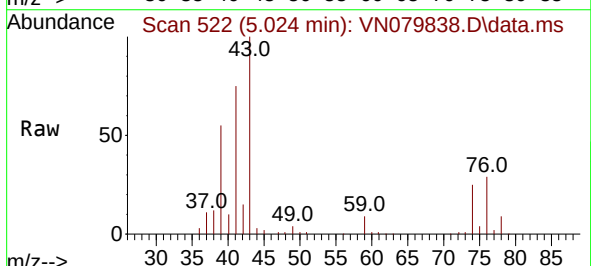
Tgt Ion: 56 Resp: 139115
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

Manual Integrations
APPROVED

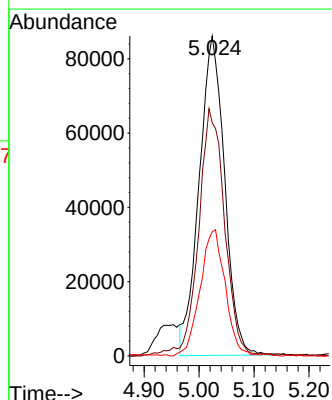
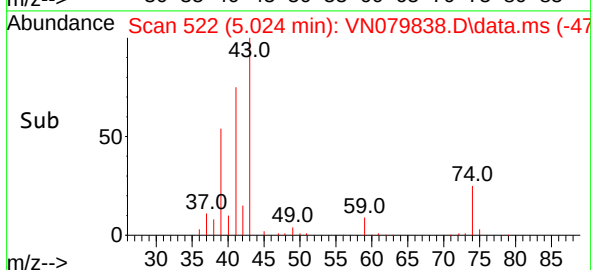
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

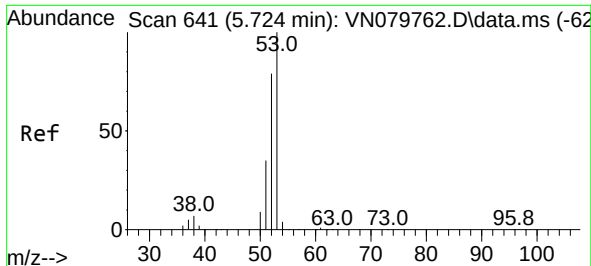


#14
Allyl chloride
Concen: 55.595 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



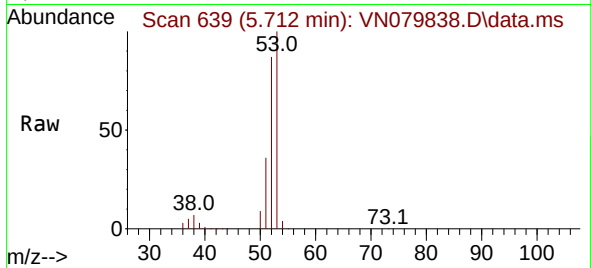
Tgt Ion: 41 Resp: 276474
Ion Ratio Lower Upper
41 100
39 79.3 58.8 88.2
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 256.195 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

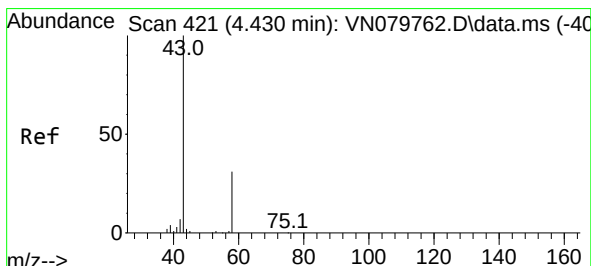
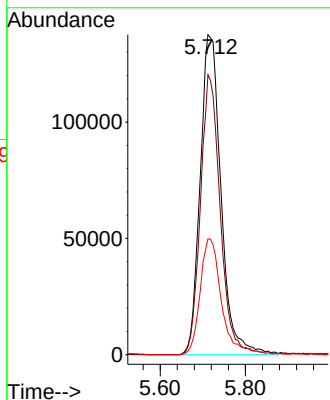
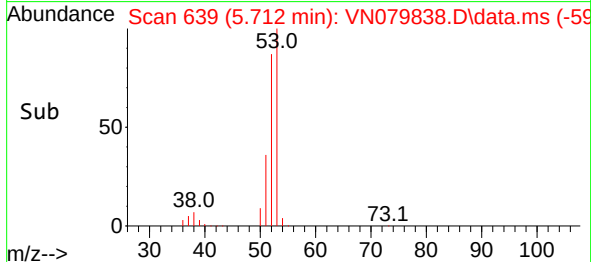
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 46838
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.0 28.9 43.3

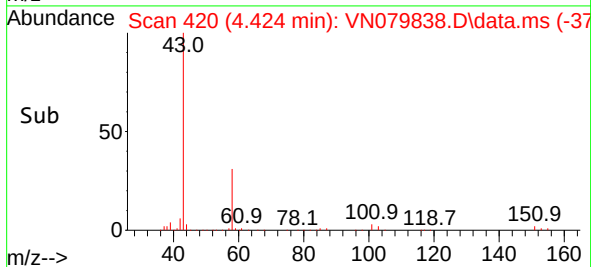
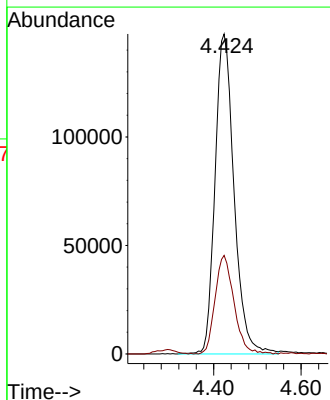
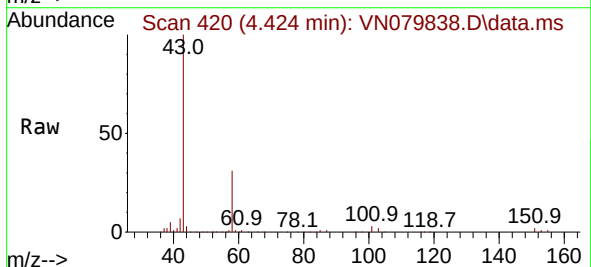
Manual Integrations
APPROVED

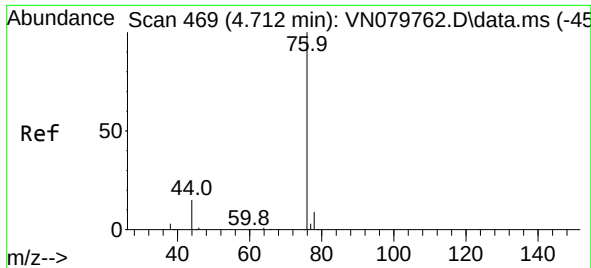
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 275.081 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

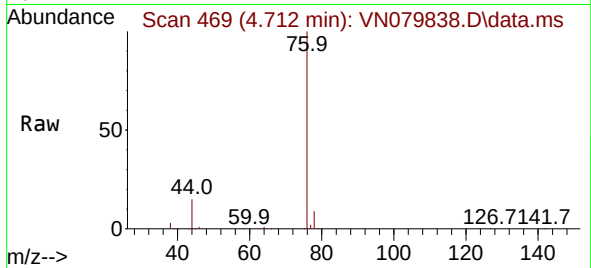
Tgt Ion: 43 Resp: 444056
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





#17
Carbon Disulfide
Concen: 50.589 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

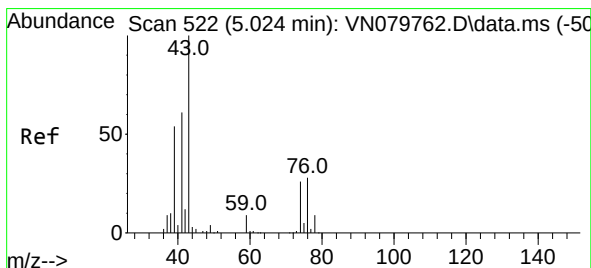
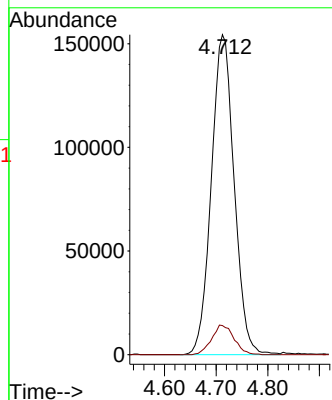
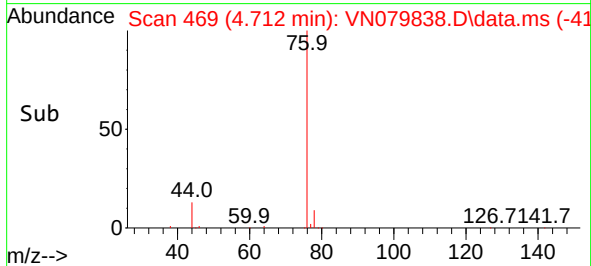
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



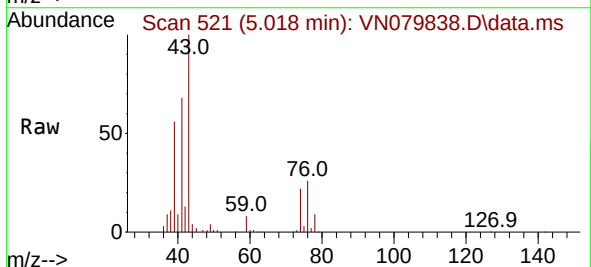
Tgt Ion: 76 Resp: 47379
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
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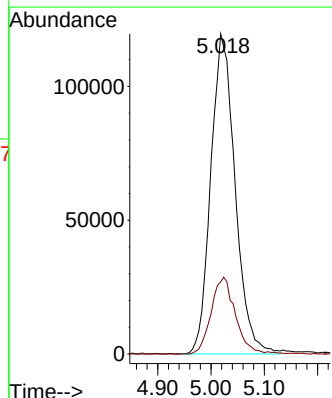
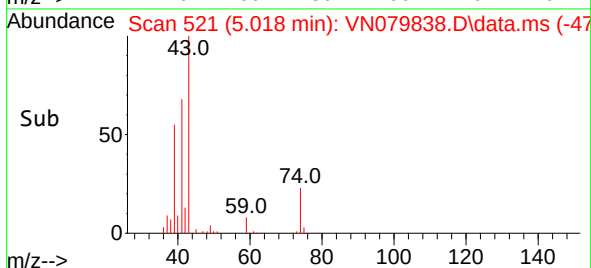
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

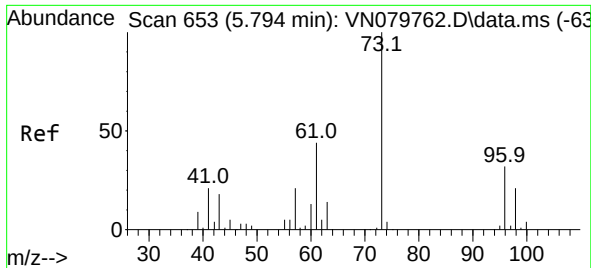


#18
Methyl Acetate
Concen: 49.115 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



Tgt Ion: 43 Resp: 379320
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





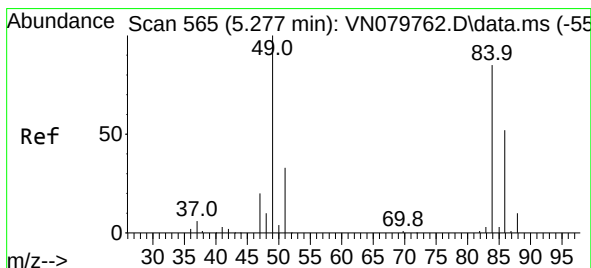
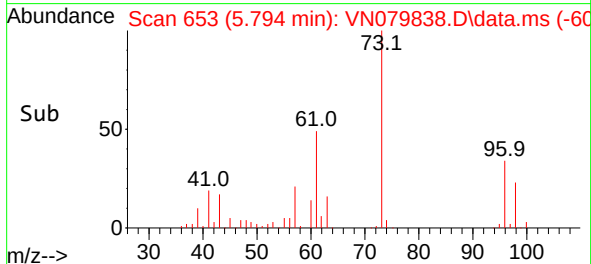
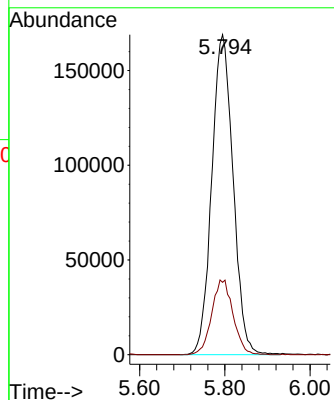
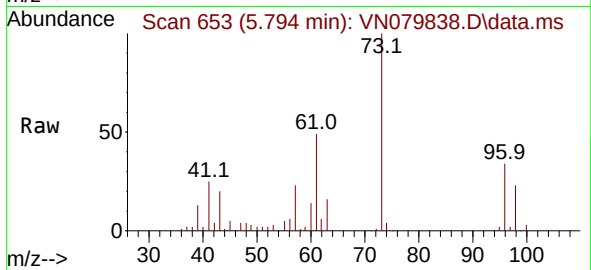
#19
Methyl tert-butyl Ether
Concen: 52.537 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 58728
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4

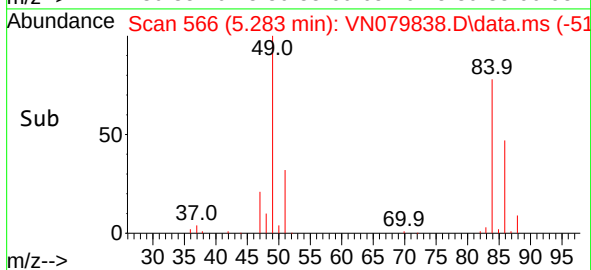
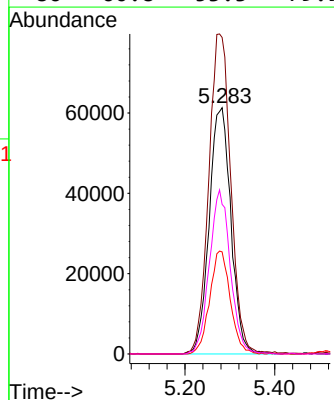
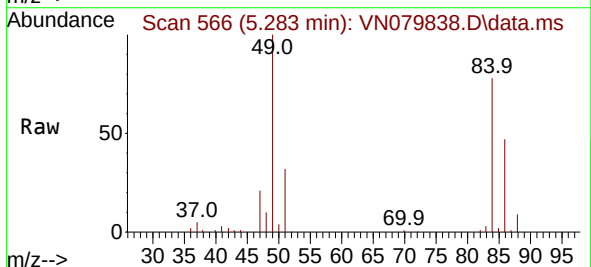
Manual Integrations
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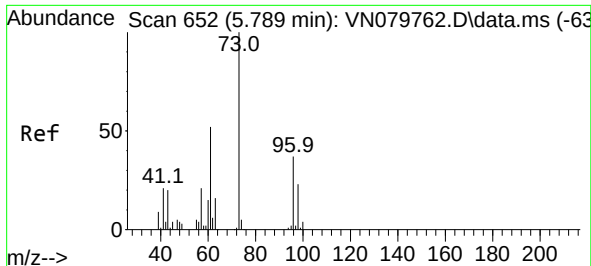
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 50.651 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 84 Resp: 206312
Ion Ratio Lower Upper
84 100
49 128.5 79.7 119.5#
51 41.4 25.2 37.8#
86 60.8 53.3 79.9





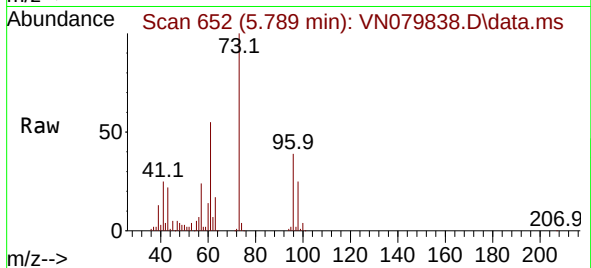
#21
trans-1,2-Dichloroethene
Concen: 53.888 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



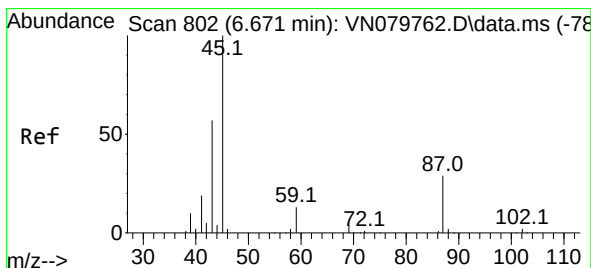
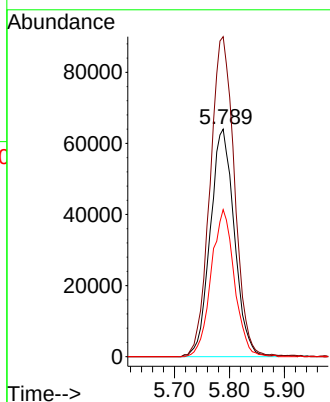
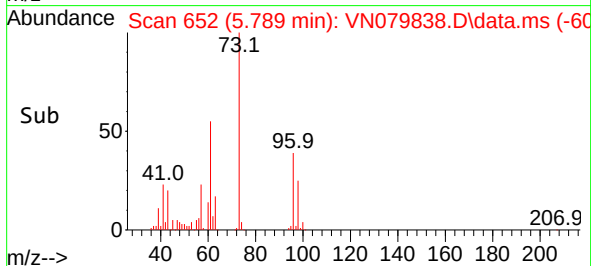
Tgt Ion: 96 Resp: 195139
Ion Ratio Lower Upper
96 100
61 140.6 90.1 135.1
98 64.6 46.4 69.6

Manual Integrations

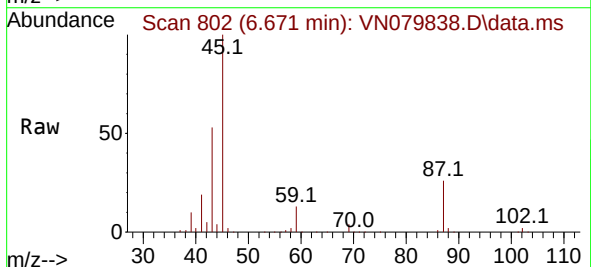
APPROVED

Reviewed By :John Carlone 11/04/2023

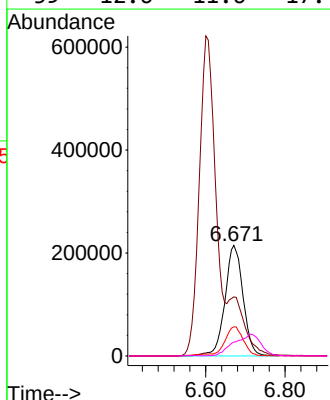
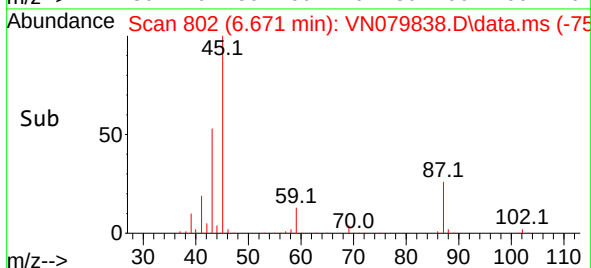
Supervised By :Mahesh Dadoda 11/06/2023

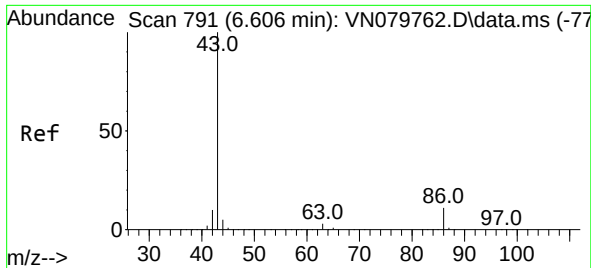


#22
Diisopropyl ether
Concen: 59.086 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



Tgt Ion: 45 Resp: 680936
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 26.4 31.8 47.8#
59 12.6 11.6 17.4





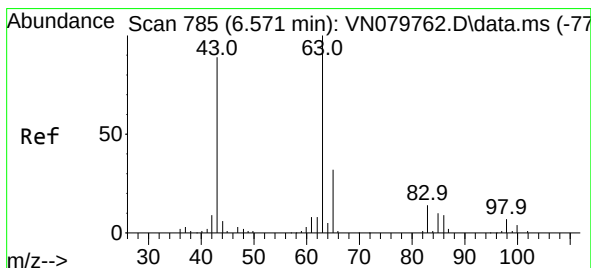
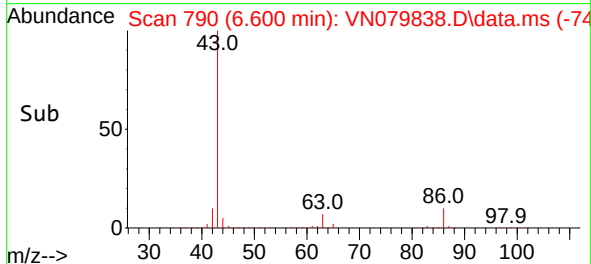
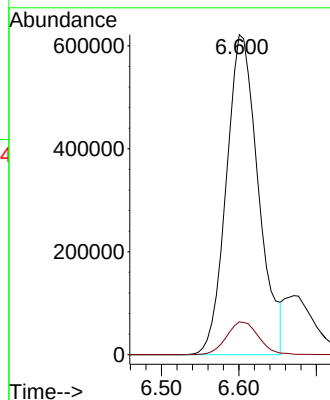
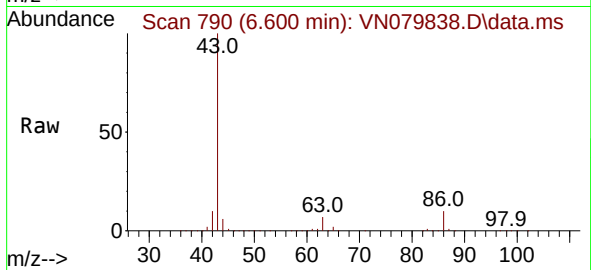
#23
 Vinyl Acetate
 Concen: 281.567 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1789898
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

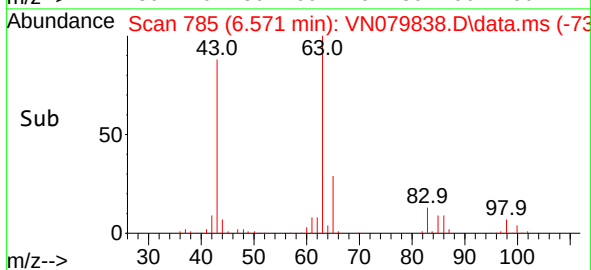
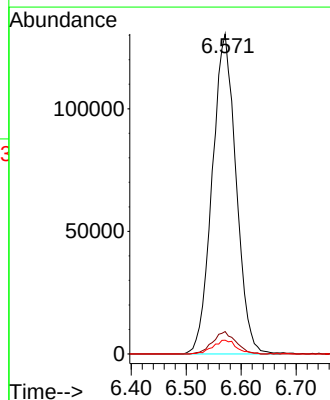
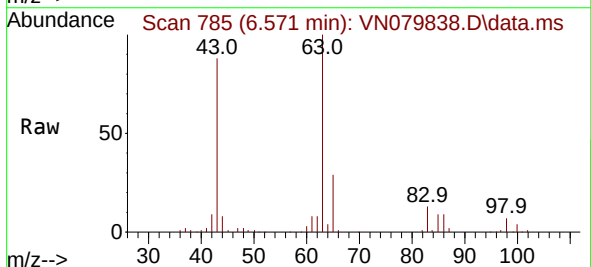
Manual Integrations
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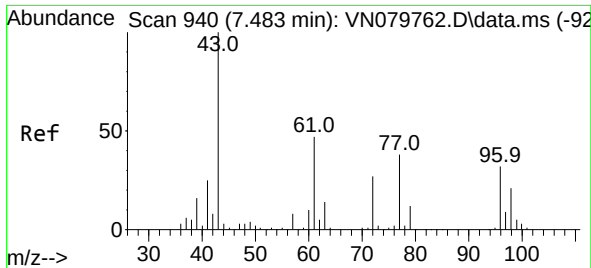
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 56.259 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

Tgt Ion: 63 Resp: 394076
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.3 2.5 7.4





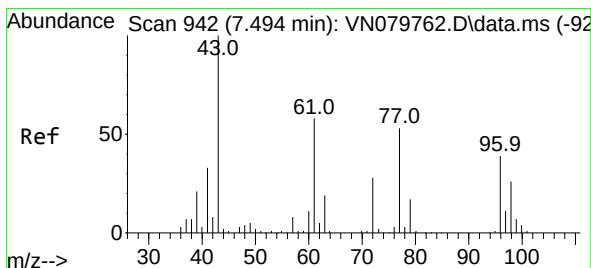
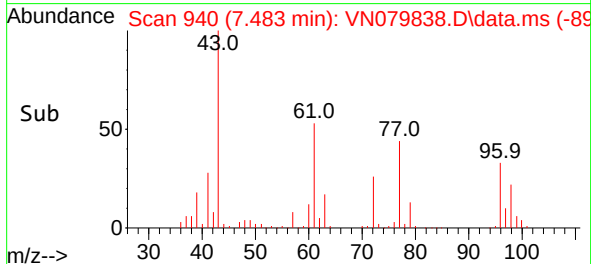
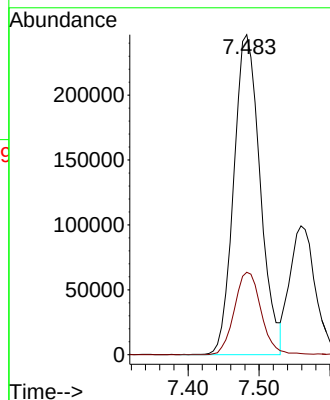
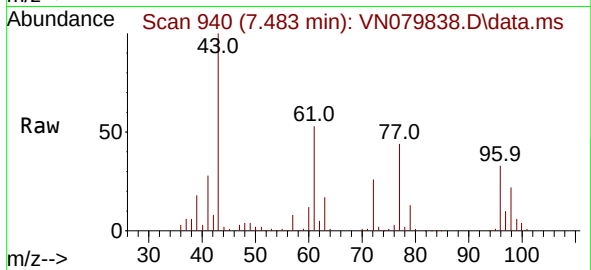
#25
2-Butanone
Concen: 270.487 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 639397
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2

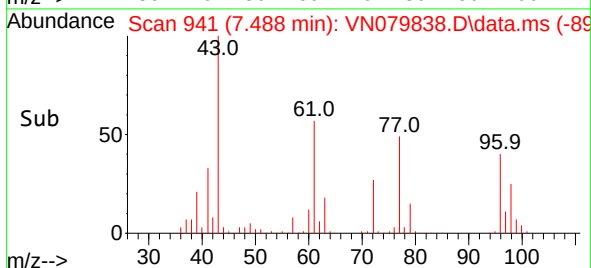
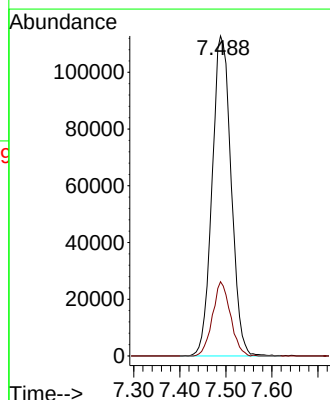
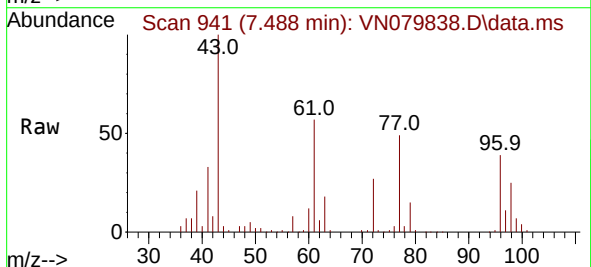
Manual Integrations
APPROVED

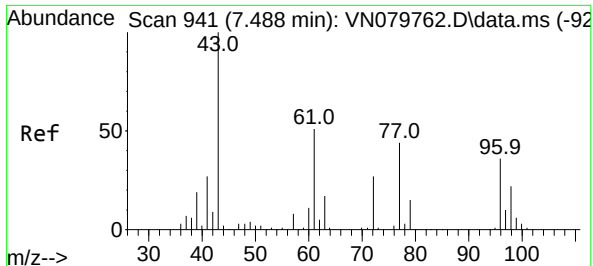
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 55.883 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 77 Resp: 323733
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





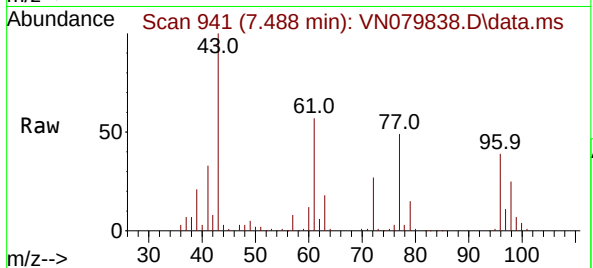
#27
 cis-1,2-Dichloroethene
 Concen: 53.001 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

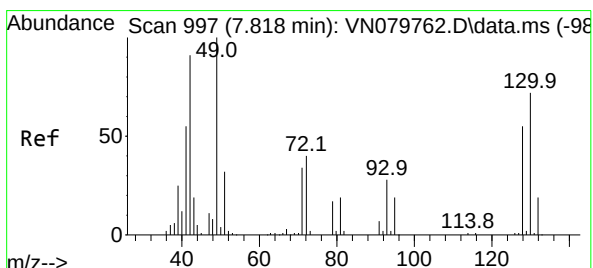
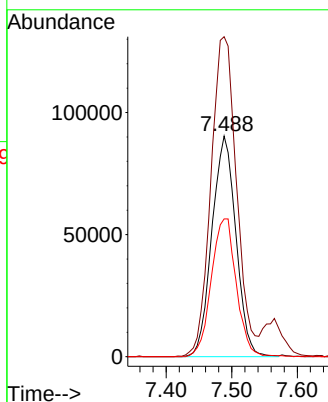
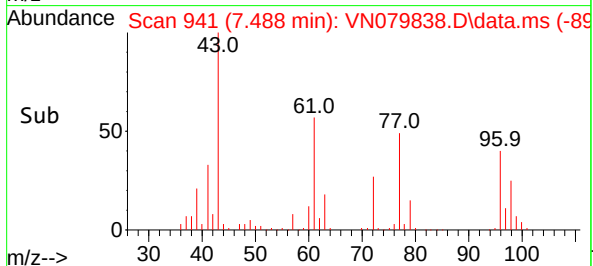


Tgt Ion: 96 Resp: 229579
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 255.2
 98 65.2 0.0 128.8

Manual Integrations

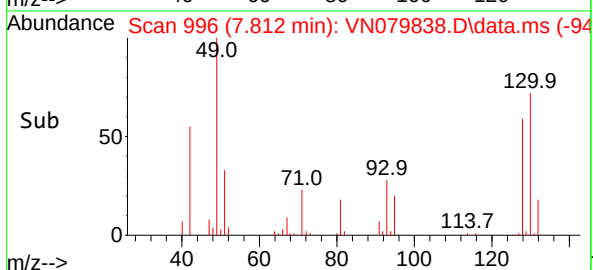
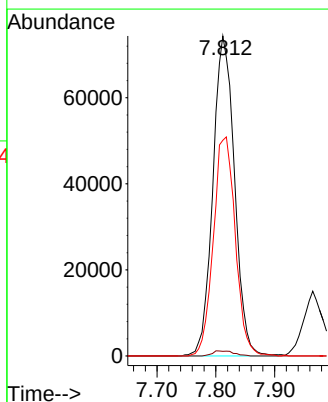
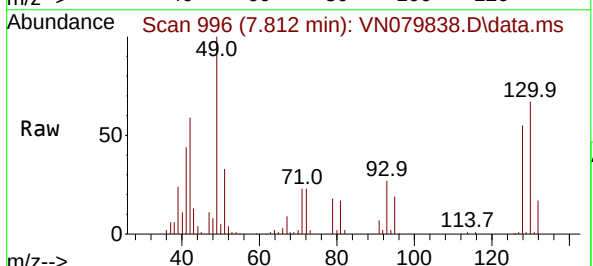
APPROVED

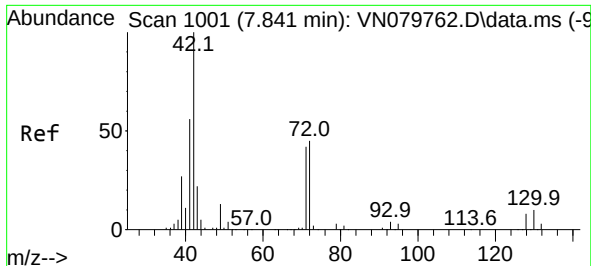
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 55.646 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

Tgt Ion: 49 Resp: 189954
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 69.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 263.116 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 40466

Ion Ratio Lower Upper

42 100

72 42.7 49.8 74.6

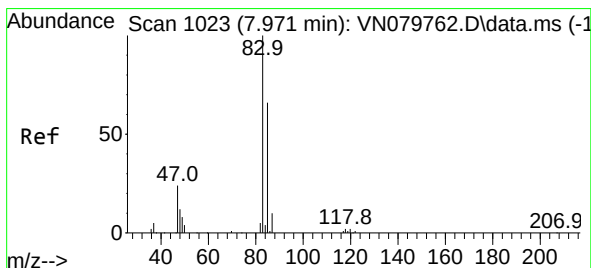
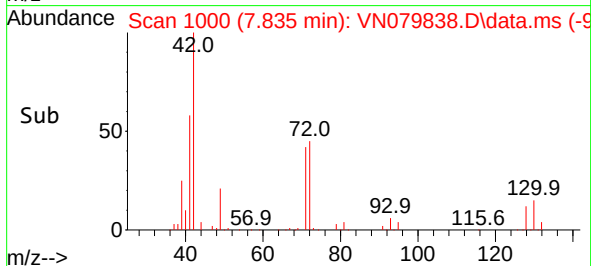
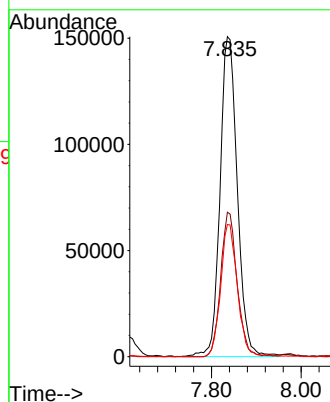
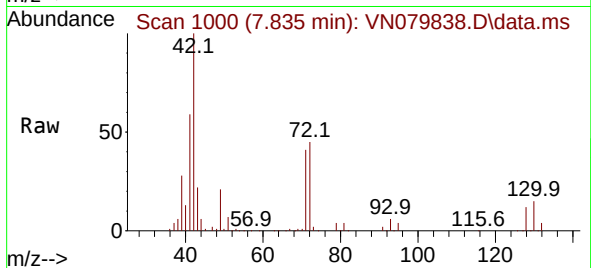
71 39.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 52.919 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079838.D

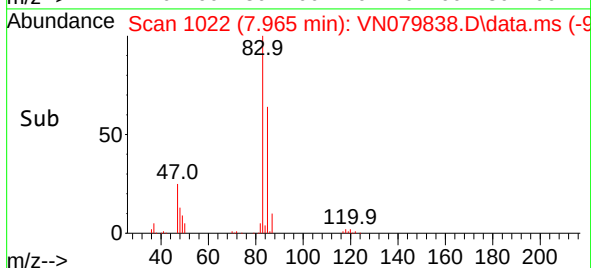
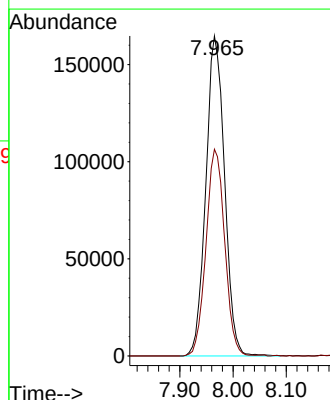
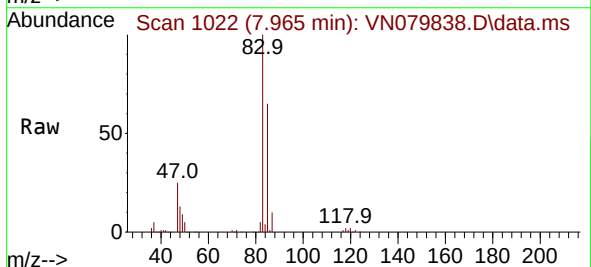
Acq: 03 Nov 2023 10:32

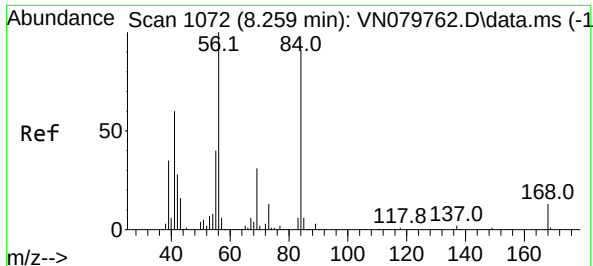
Tgt Ion: 83 Resp: 402643

Ion Ratio Lower Upper

83 100

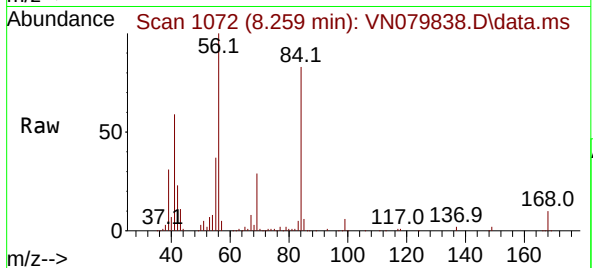
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 51.024 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

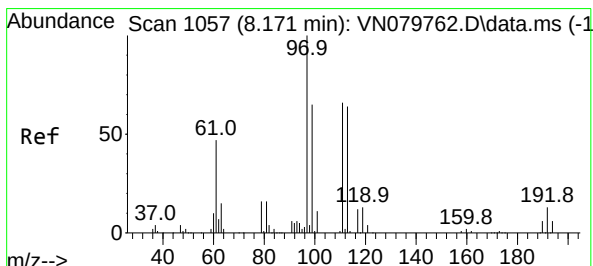
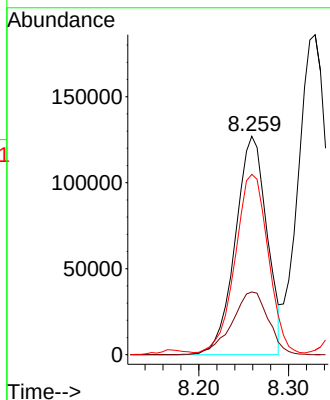
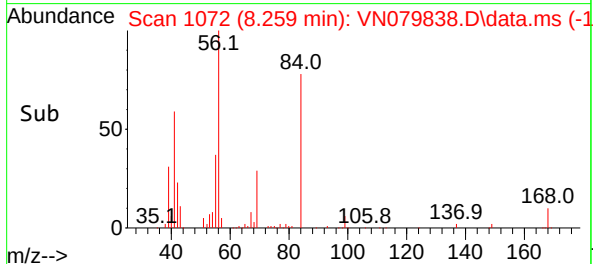
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



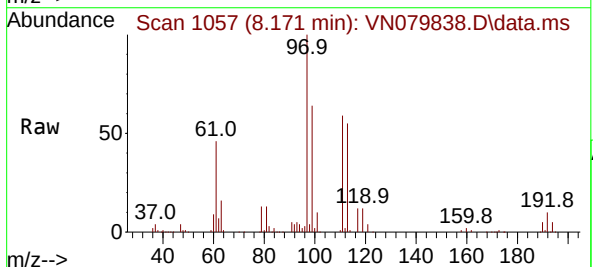
Tgt Ion: 56 Resp: 30985
Ion Ratio Lower Upper
56 100
69 28.7 26.8 40.2
84 80.7 81.8 122.6

Manual Integrations
APPROVED

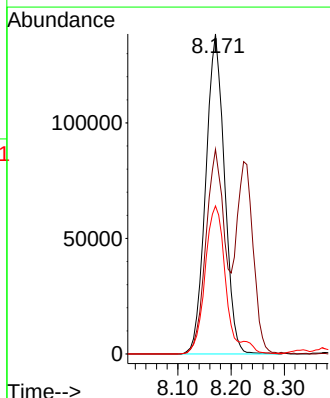
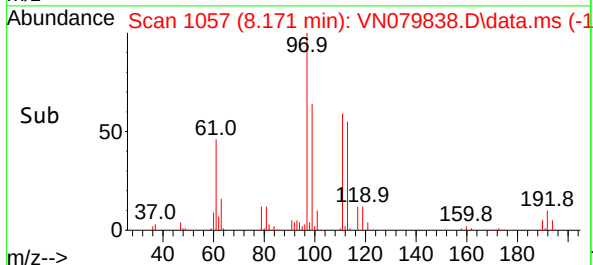
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

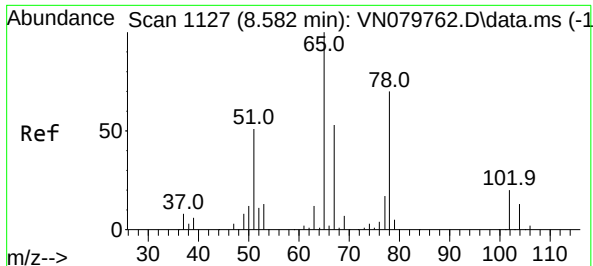


#32
1,1,1-Trichloroethane
Concen: 54.803 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



Tgt Ion: 97 Resp: 339758
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.453 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 24105

Ion Ratio Lower Upper

65 100

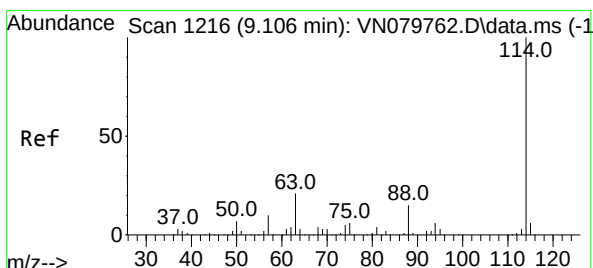
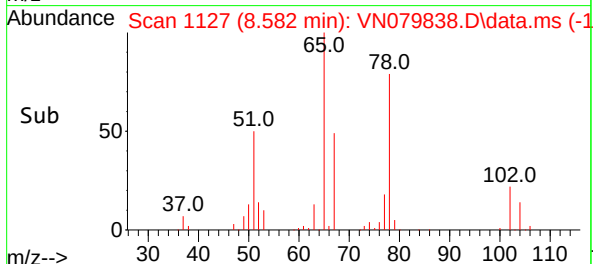
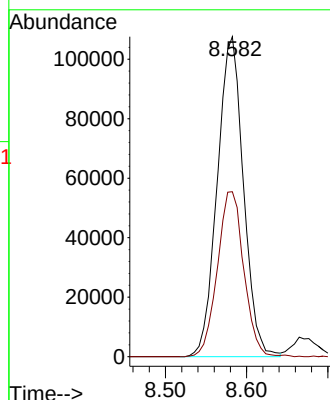
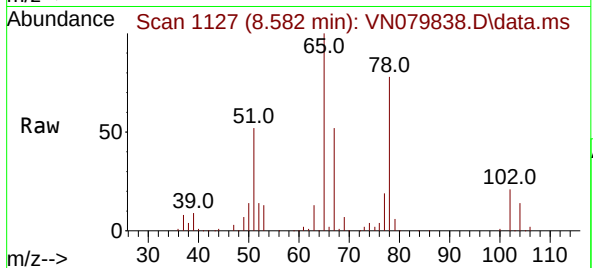
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

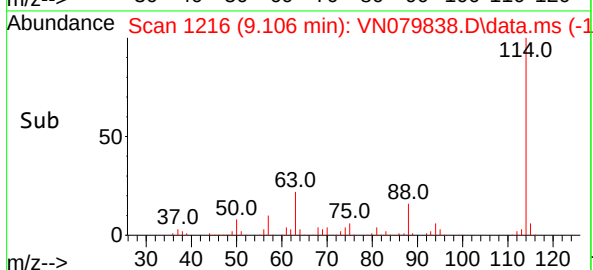
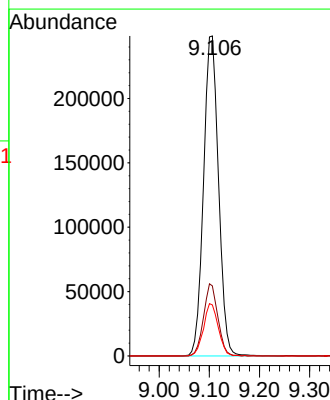
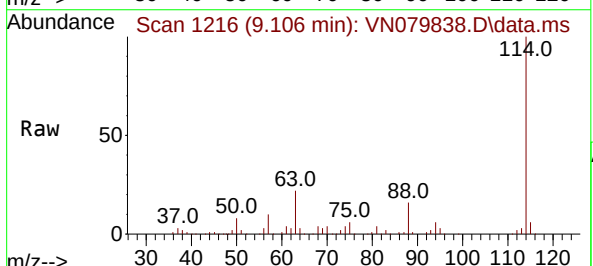
Tgt Ion:114 Resp: 516518

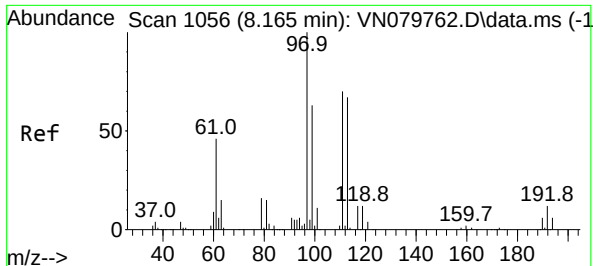
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.635 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18876

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

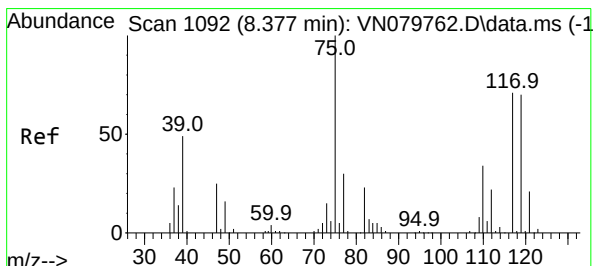
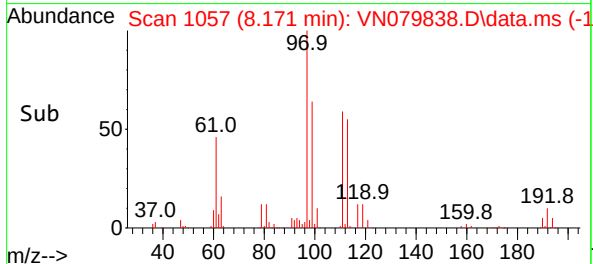
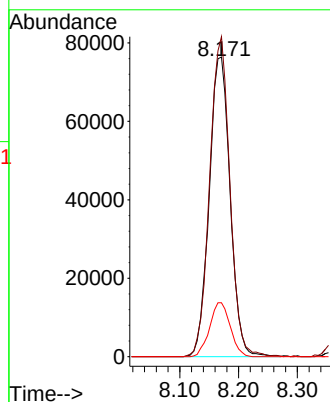
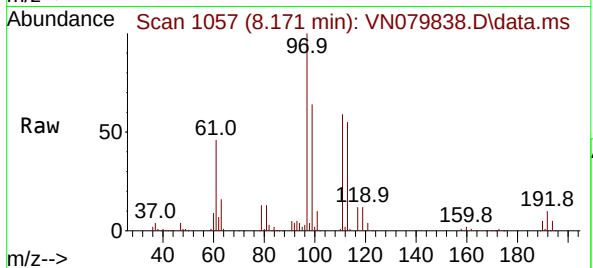
192 17.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 56.888 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

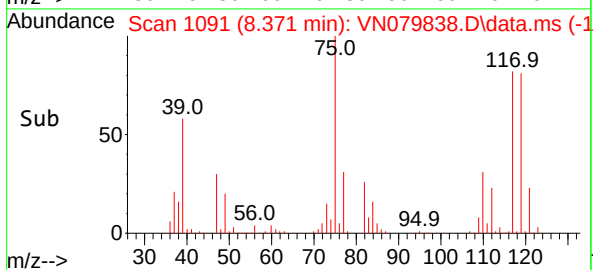
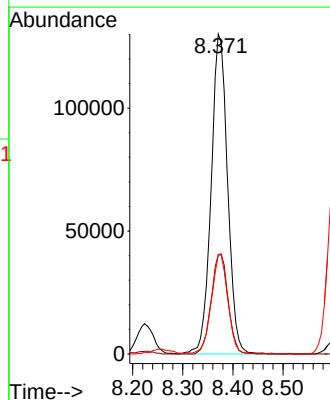
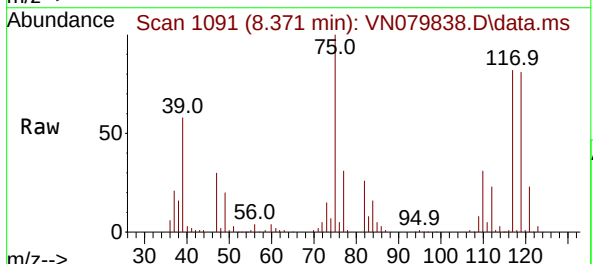
Tgt Ion: 75 Resp: 296937

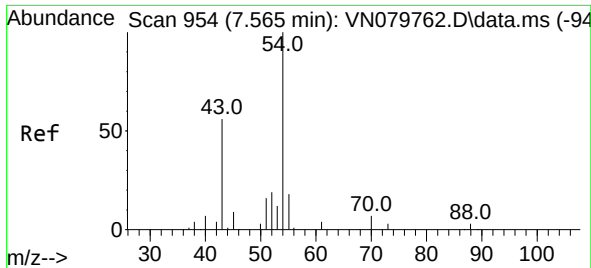
Ion Ratio Lower Upper

75 100

110 32.0 19.1 57.3

77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 52.433 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

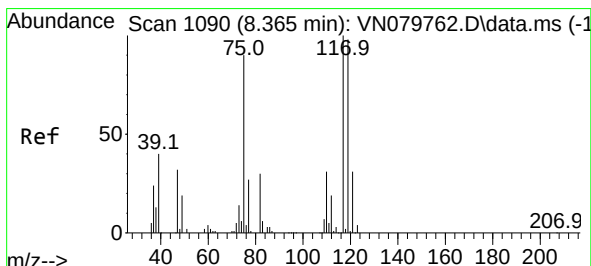
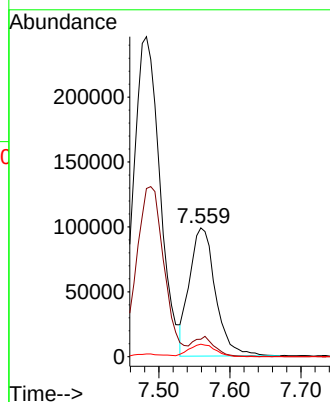
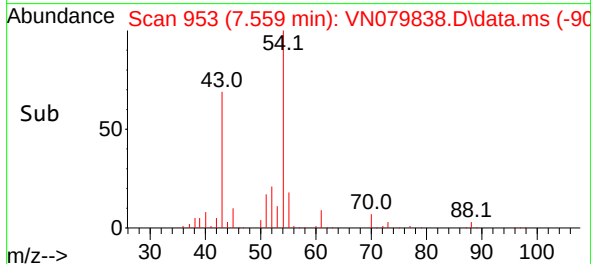
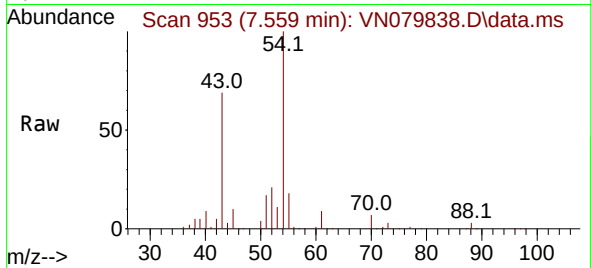
VSTDCCC050

Tgt Ion: 43 Resp: 251004
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8
70 9.8 11.3 16.9

Manual Integrations

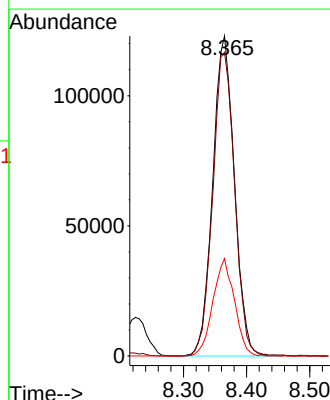
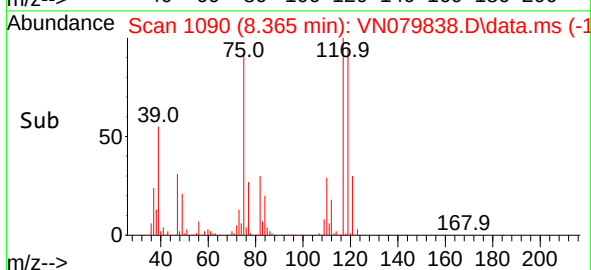
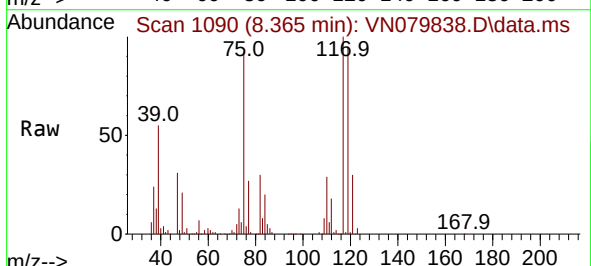
APPROVED

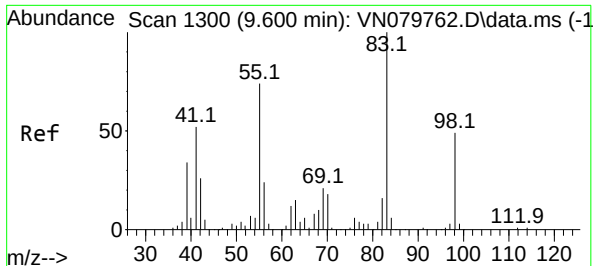
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 55.735 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion:117 Resp: 293195
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 56.715 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

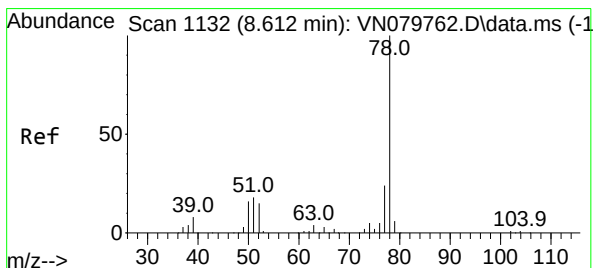
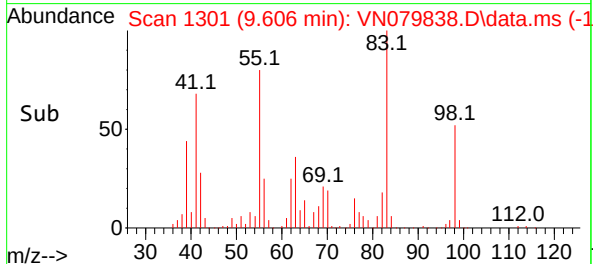
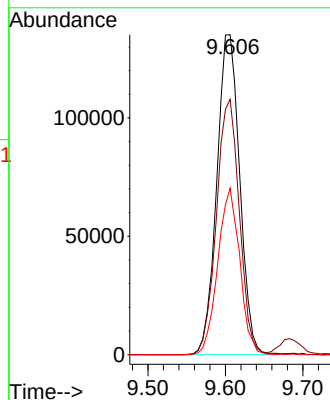
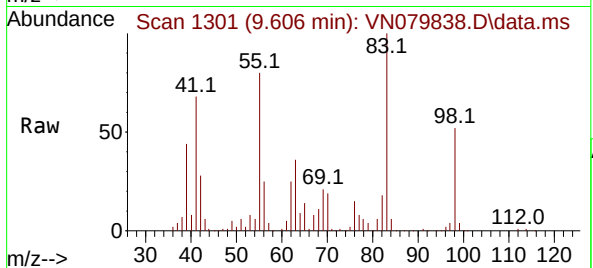
Tgt Ion: 83 Resp: 278597
 Ion Ratio Lower Upper
 83 100
 55 79.8 49.1 73.7
 98 52.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 55.637 ug/l

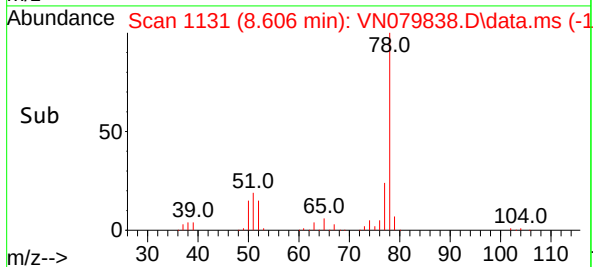
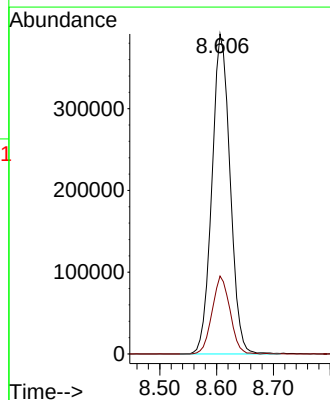
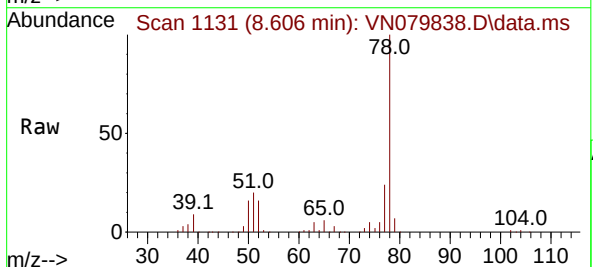
RT: 8.606 min Scan# 1131

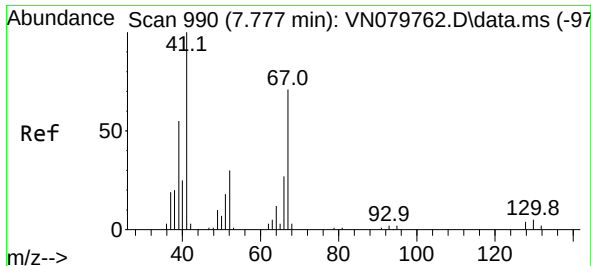
Delta R.T. -0.006 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

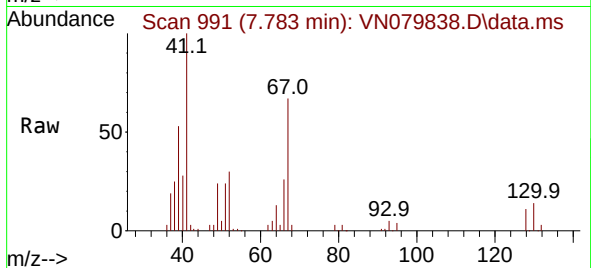
Tgt Ion: 78 Resp: 869824
 Ion Ratio Lower Upper
 78 100
 77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 56.799 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

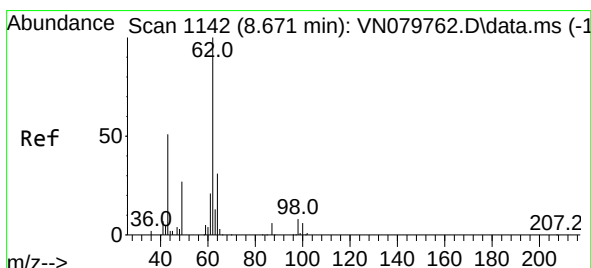
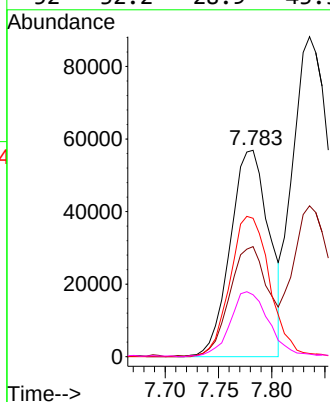
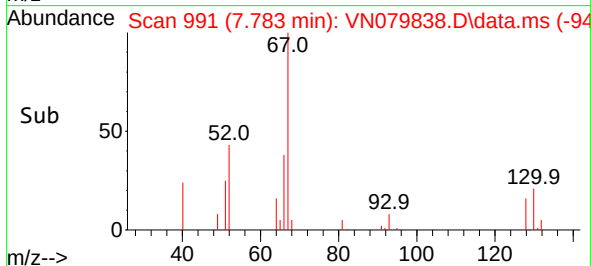
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 144380
Ion Ratio Lower Upper
41 100
39 53.8 42.6 64.0
67 69.7 77.5 116.3
52 32.2 28.9 43.3

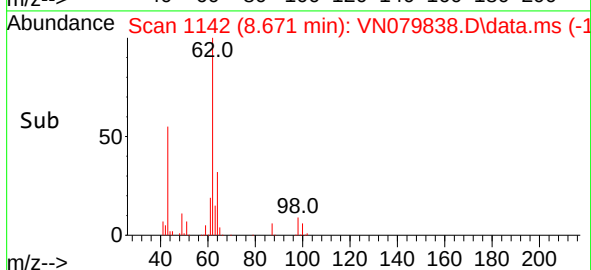
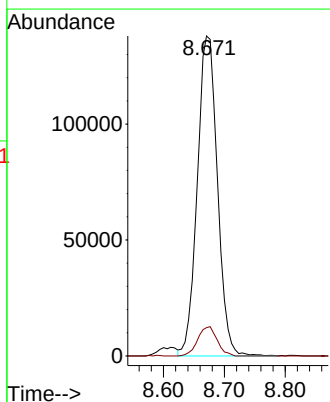
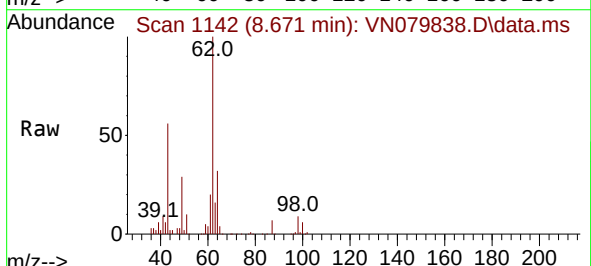
Manual Integrations
APPROVED

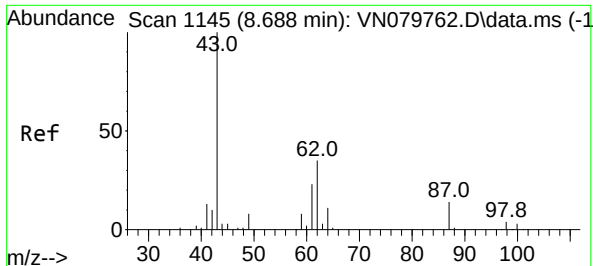
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 58.141 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 62 Resp: 317509
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.078 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 428800

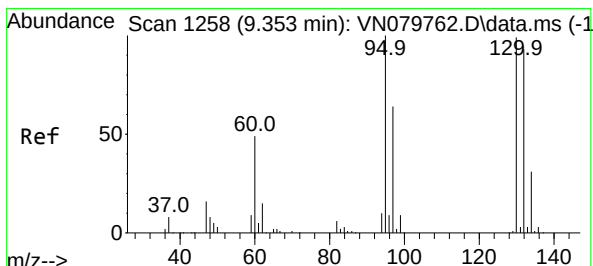
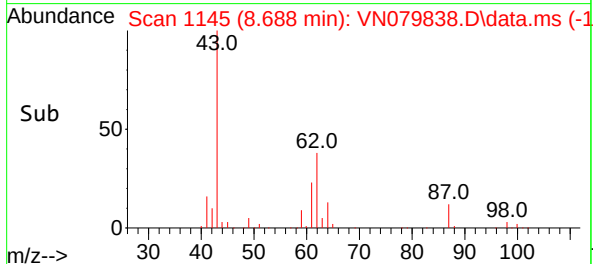
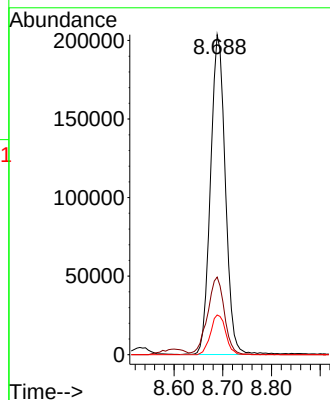
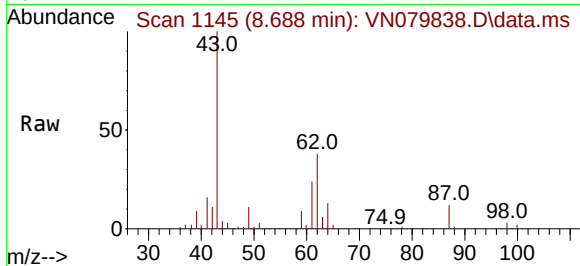
Ion	Ratio	Lower	Upper
43	100		
61	27.7	24.7	37.1
87	12.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#44

Trichloroethene

Concen: 54.045 ug/l

RT: 9.353 min Scan# 1258

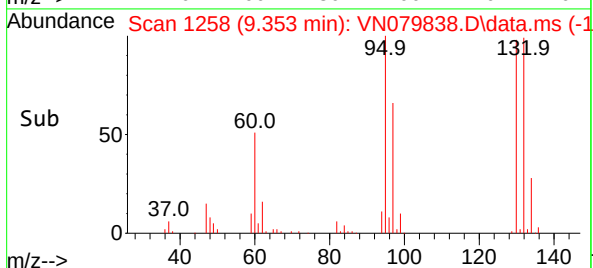
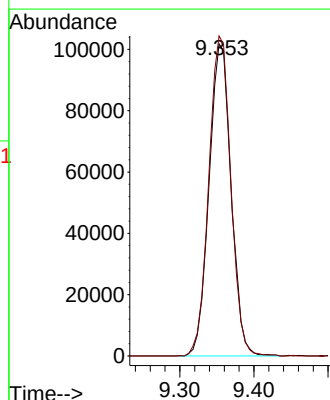
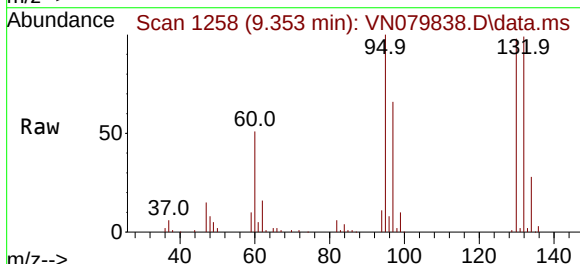
Delta R.T. 0.000 min

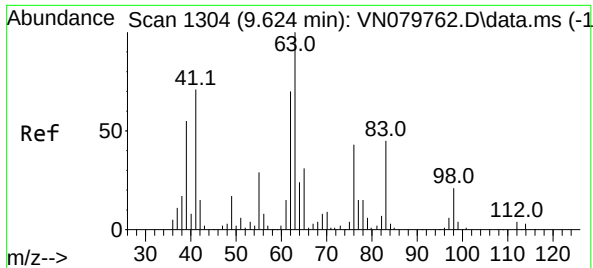
Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Tgt Ion:130 Resp: 209666

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 58.884 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 23526

Ion Ratio Lower Upper

63 100

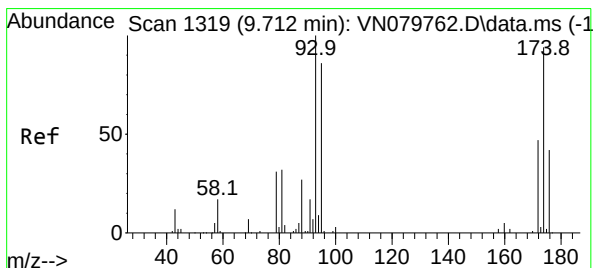
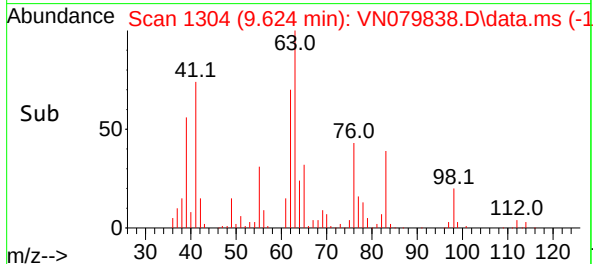
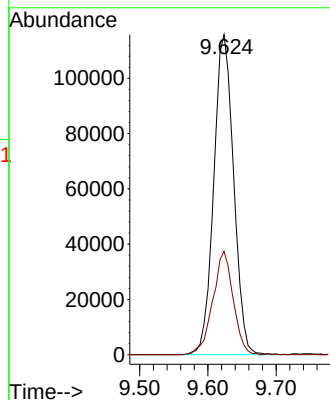
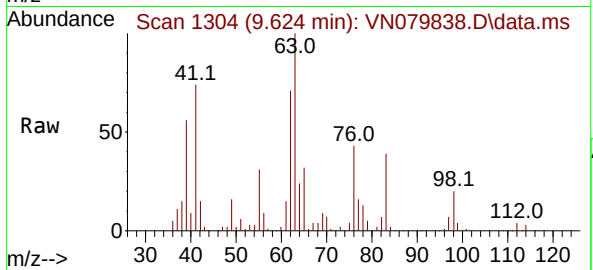
65 32.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 54.656 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

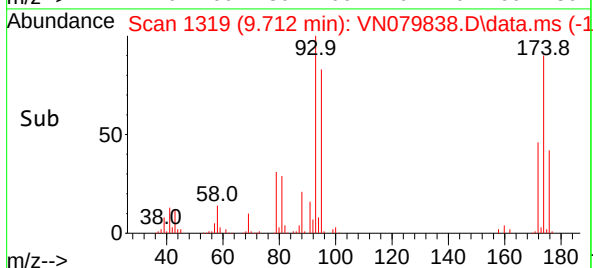
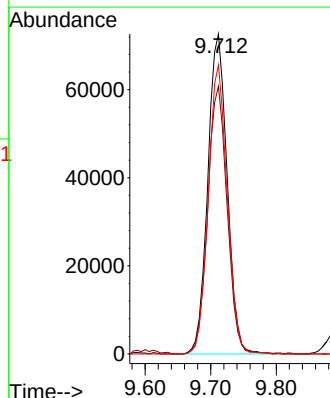
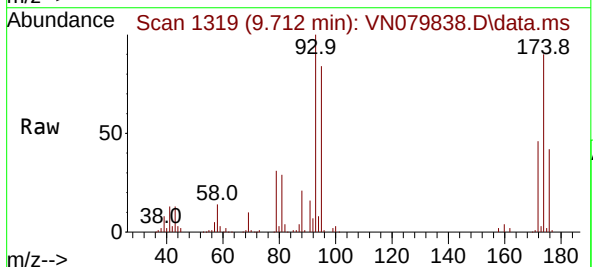
Tgt Ion: 93 Resp: 149106

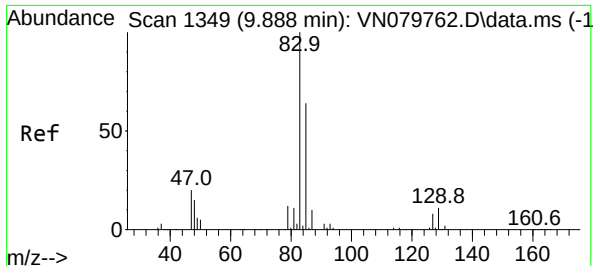
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

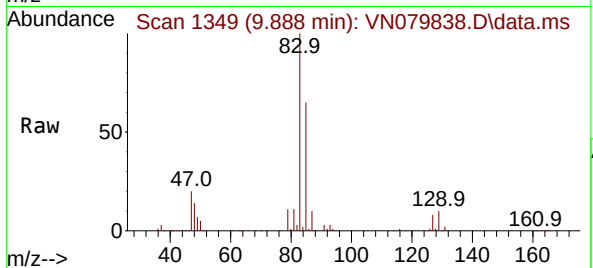
174 88.7 65.6 98.4





#47
Bromodichloromethane
Concen: 54.568 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

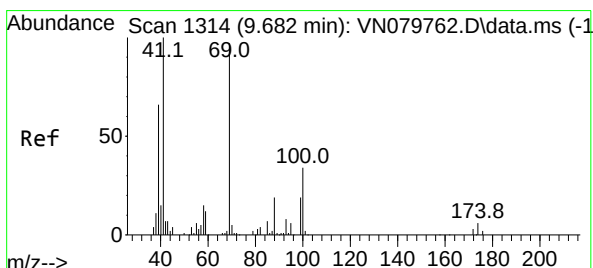
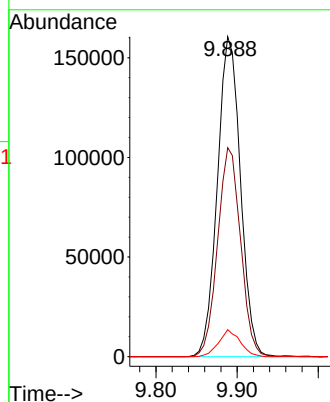
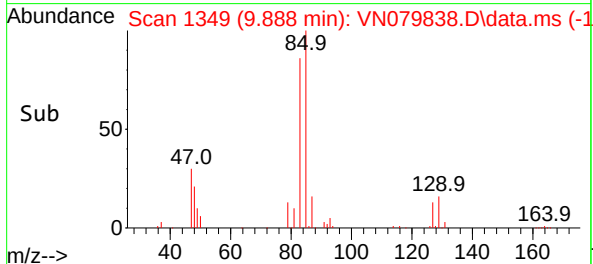
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 31748
Ion Ratio Lower Upper
83 100
85 65.3 49.6 74.4
127 8.4 7.0 10.6

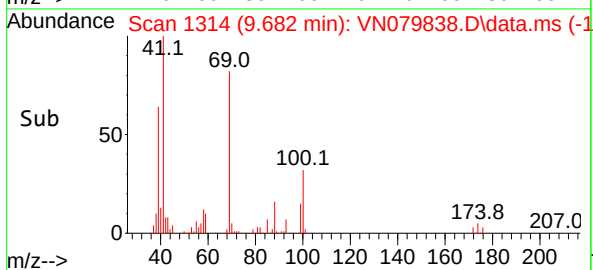
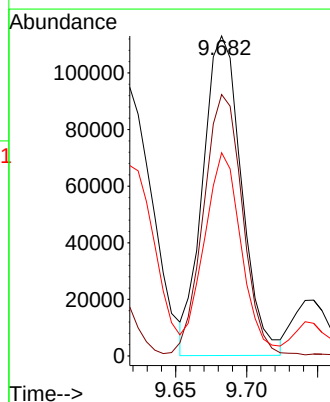
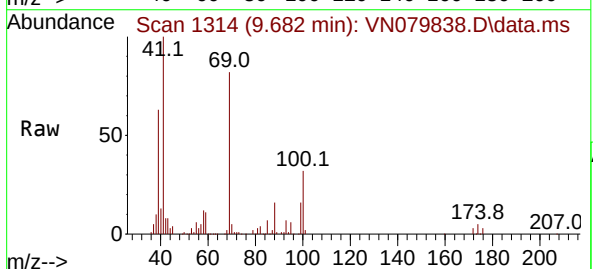
Manual Integrations
APPROVED

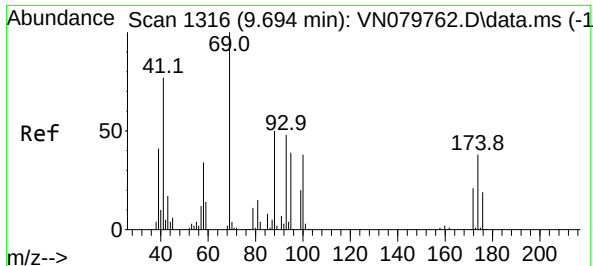
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 58.296 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

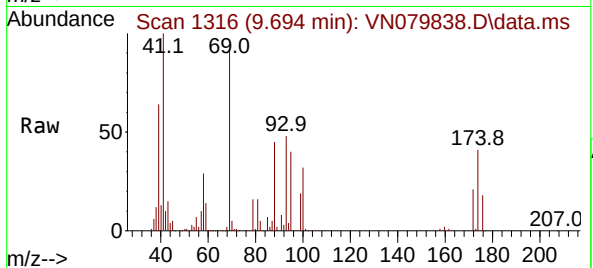
Tgt Ion: 41 Resp: 214364
Ion Ratio Lower Upper
41 100
69 82.1 90.4 135.6#
39 61.3 54.6 81.8





#49
1,4-Dioxane
Concen: 973.813 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

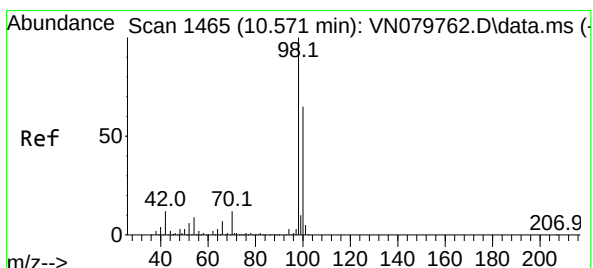
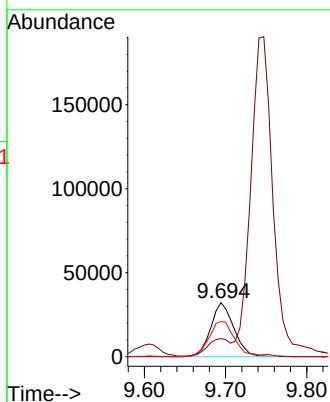
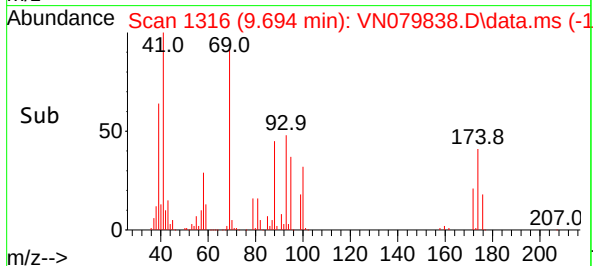
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 63274
Ion Ratio Lower Upper
88 100
43 31.1 17.0 25.6
58 74.1 47.0 70.4

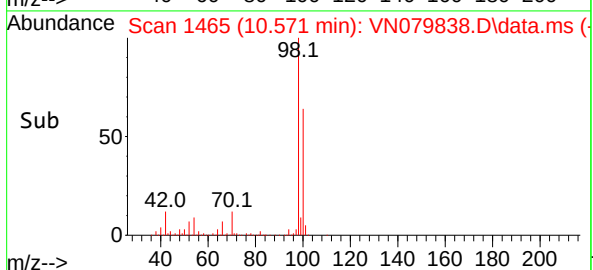
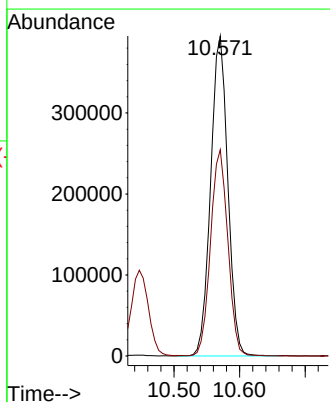
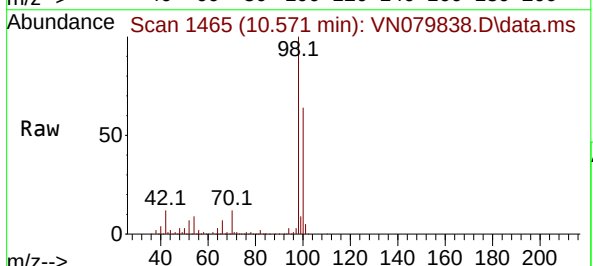
Manual Integrations
APPROVED

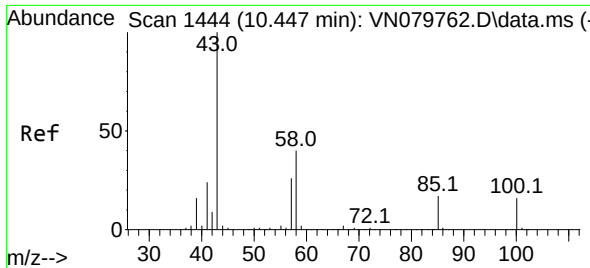
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 98 Resp: 717437
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





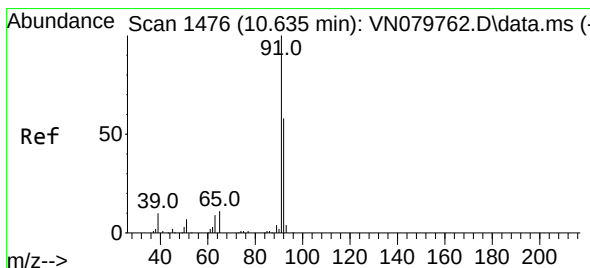
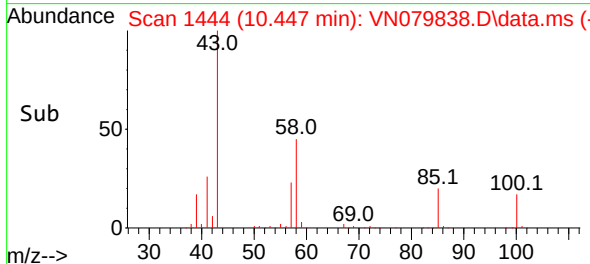
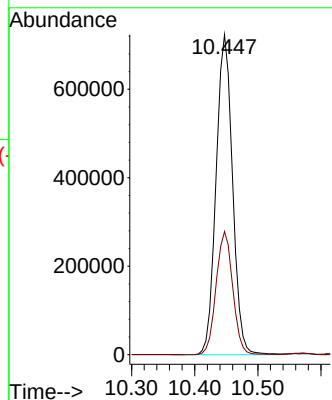
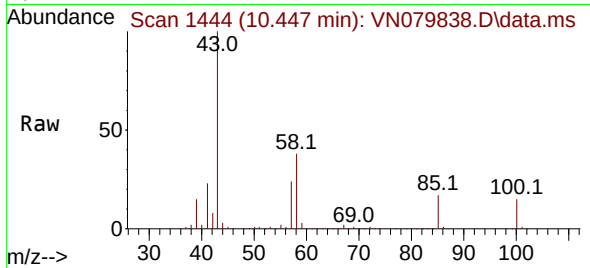
#51
4-Methyl-2-Pentanone
Concen: 276.966 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 130905
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8

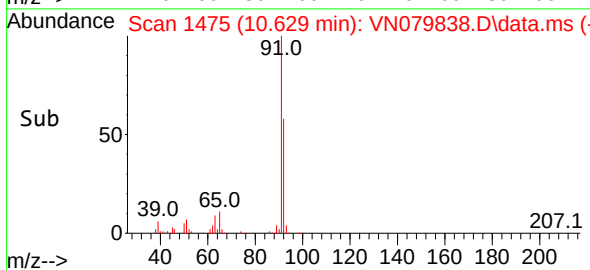
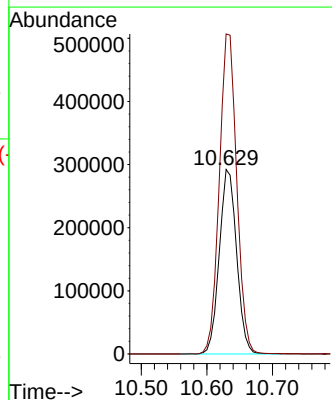
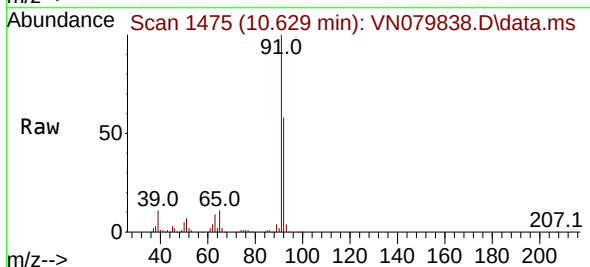
Manual Integrations
APPROVED

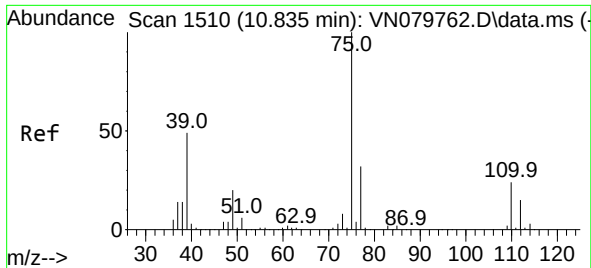
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 57.604 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

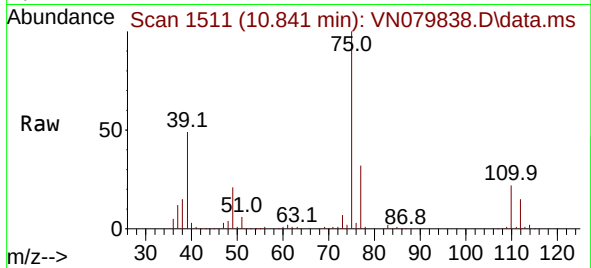
Tgt Ion: 92 Resp: 533902
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 58.328 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

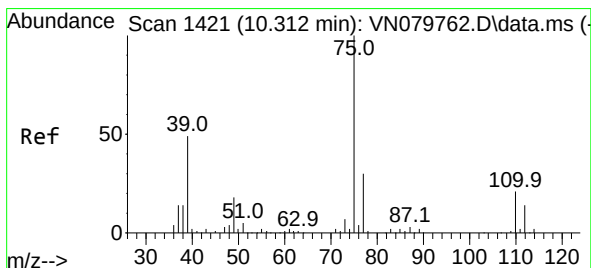
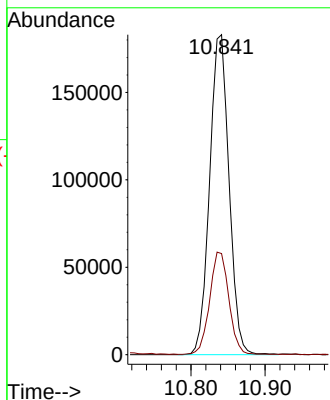
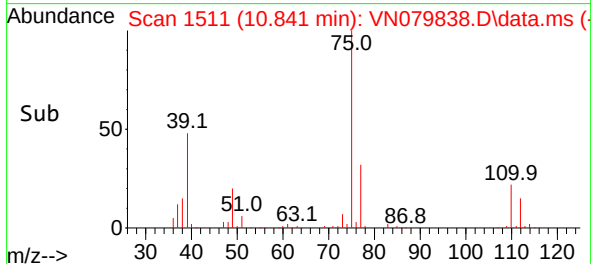
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33268
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

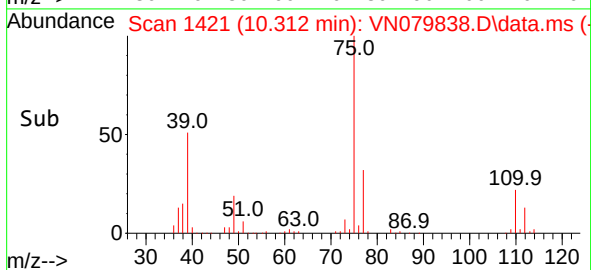
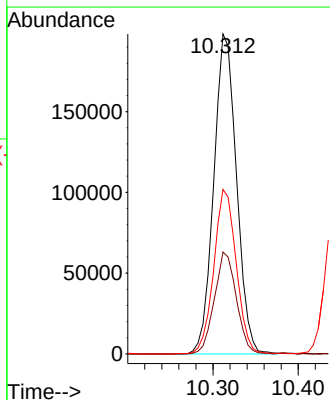
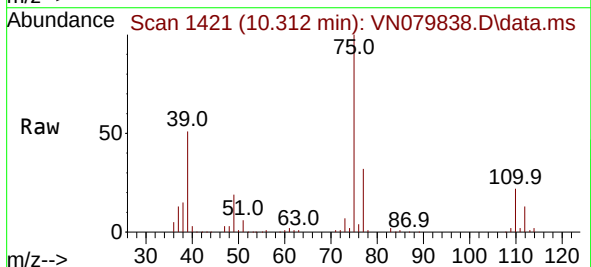
Manual Integrations
APPROVED

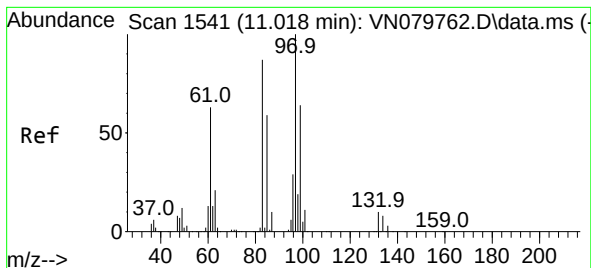
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#54
cis-1,3-Dichloropropene
Concen: 59.135 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

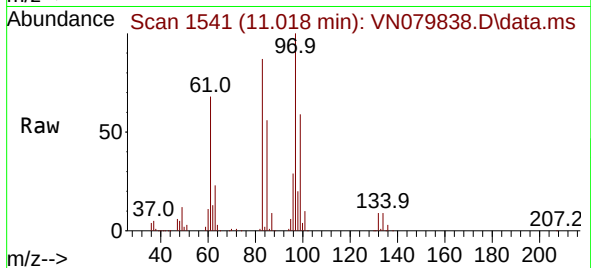
Tgt Ion: 75 Resp: 367632
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 51.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.658 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

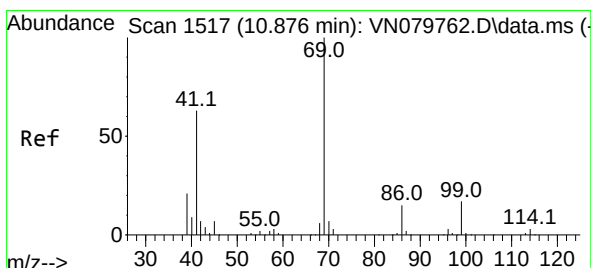
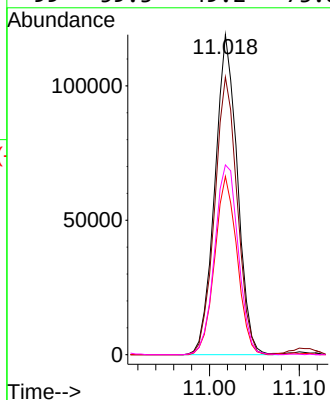
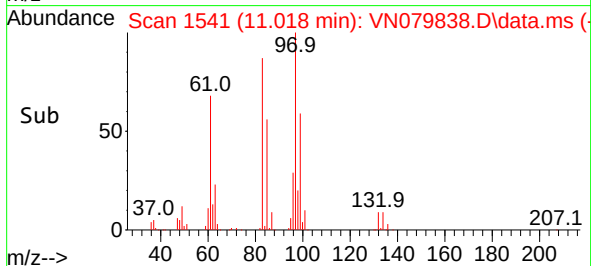
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 20748
Ion Ratio Lower Upper
97 100
83 86.7 65.1 97.7
85 55.7 43.4 65.2
99 59.3 49.2 73.8

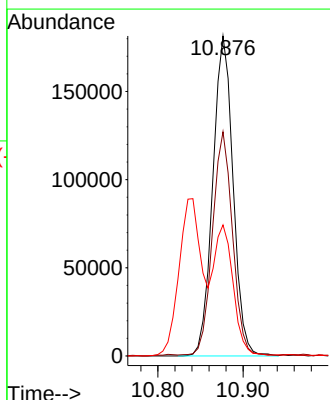
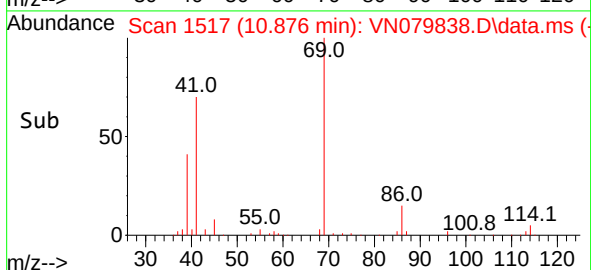
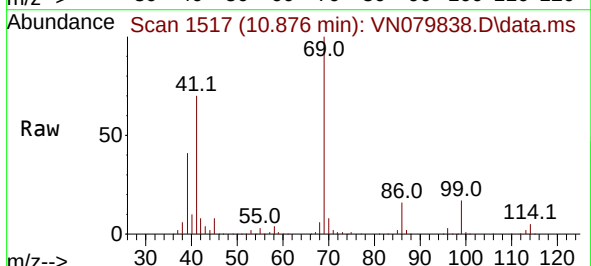
Manual Integrations
APPROVED

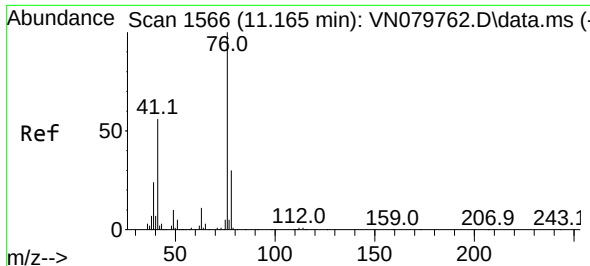
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 56.451 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

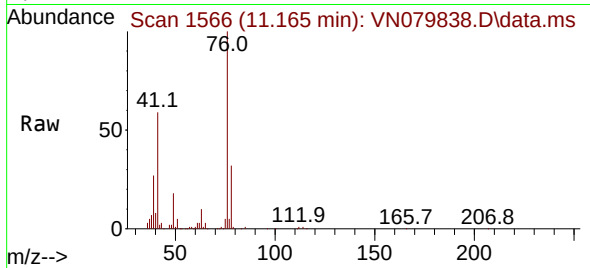
Tgt Ion: 69 Resp: 300176
Ion Ratio Lower Upper
69 100
41 69.0 39.6 59.4#
39 38.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 57.050 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

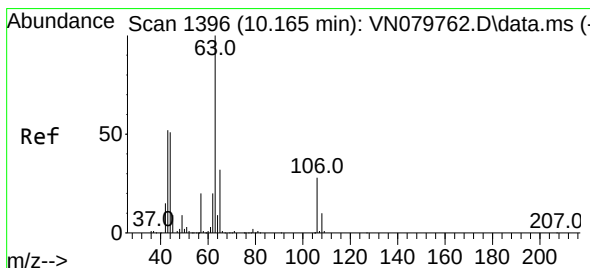
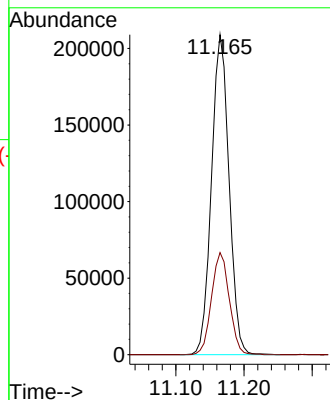
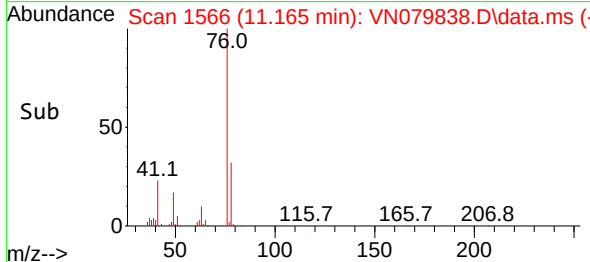
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 37488
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

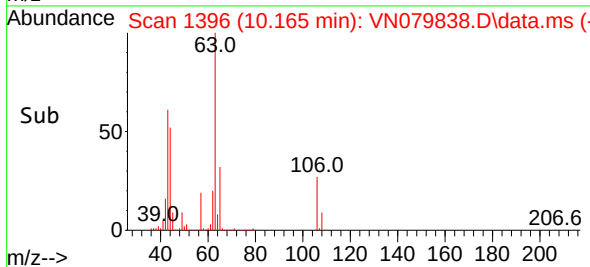
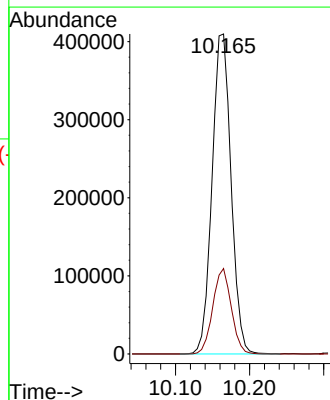
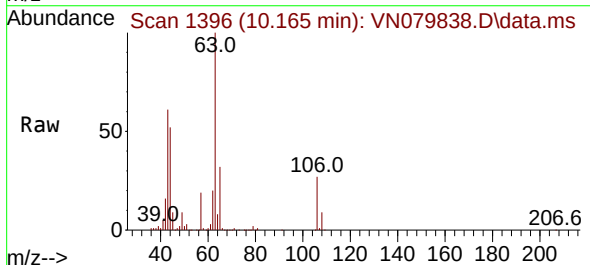
Manual Integrations
APPROVED

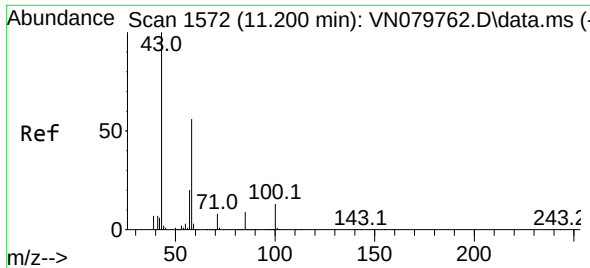
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 270.169 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

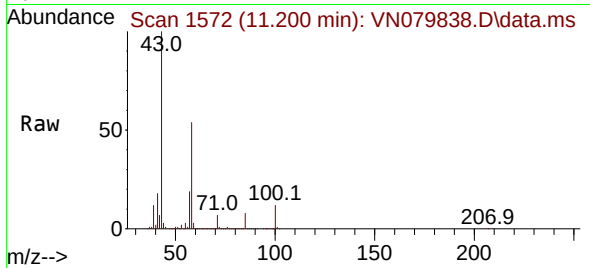
Tgt Ion: 63 Resp: 728131
Ion Ratio Lower Upper
63 100
106 25.9 26.2 39.4#





#59
2-Hexanone
Concen: 268.377 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

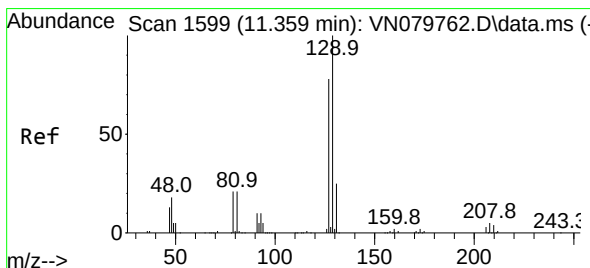
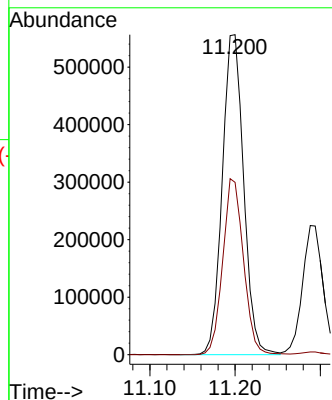
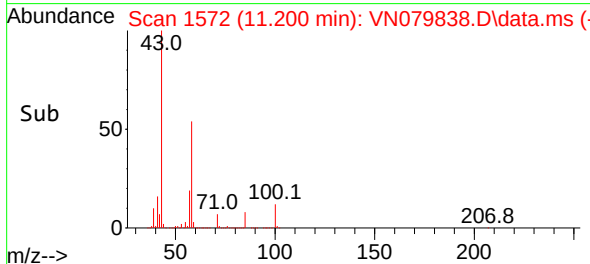
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



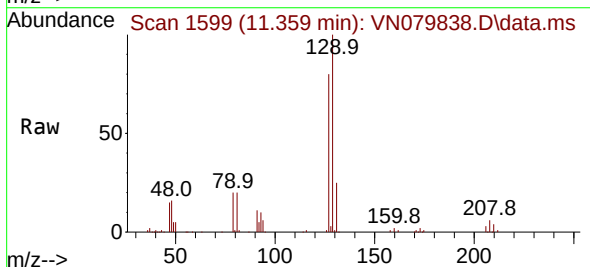
Tgt Ion: 43 Resp: 970368
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

Manual Integrations
APPROVED

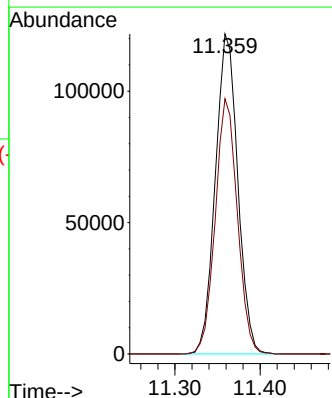
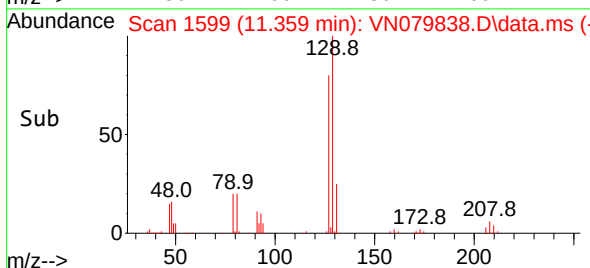
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

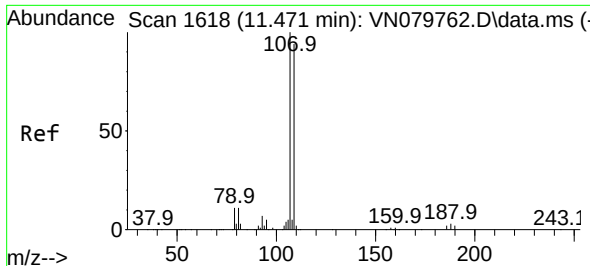


#60
Dibromochloromethane
Concen: 55.951 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



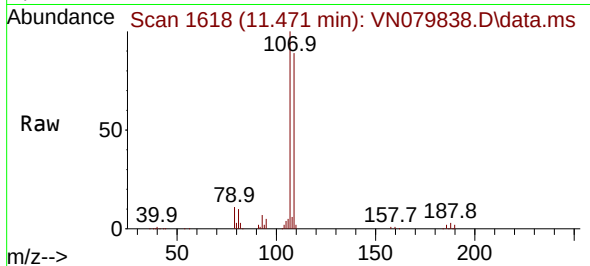
Tgt Ion:129 Resp: 223267
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.492 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

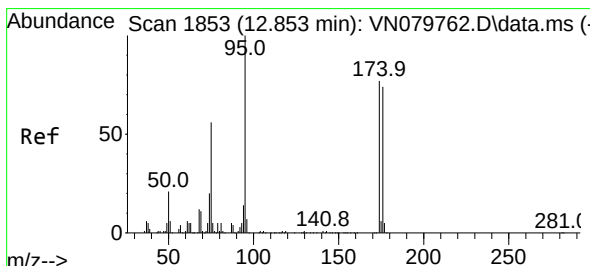
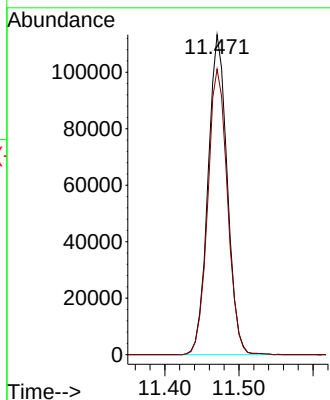
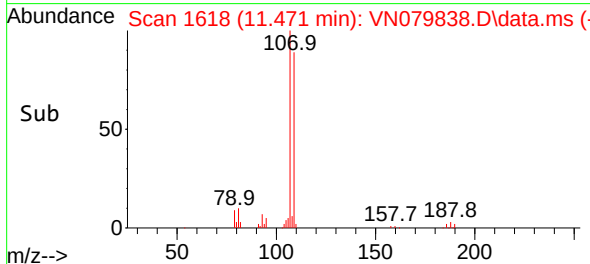
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



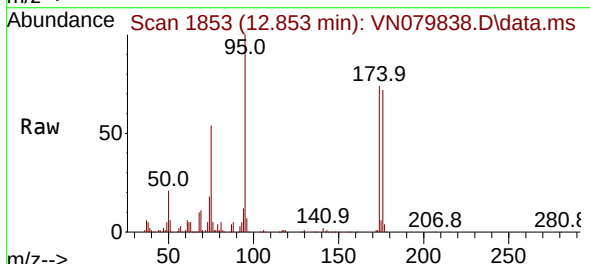
Tgt Ion:107 Resp: 203890
Ion Ratio Lower Upper
107 100
109 91.6 76.6 114.8

Manual Integrations
APPROVED

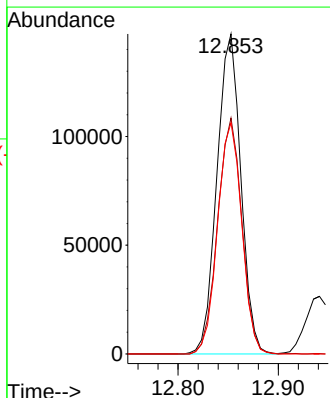
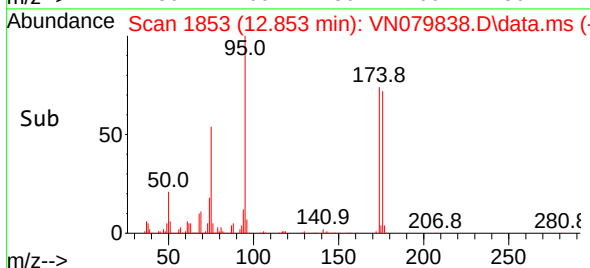
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

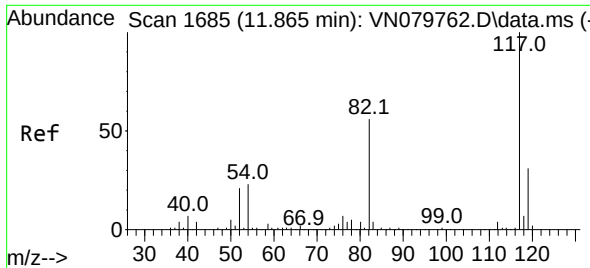


#62
4-Bromofluorobenzene
Concen: 54.726 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



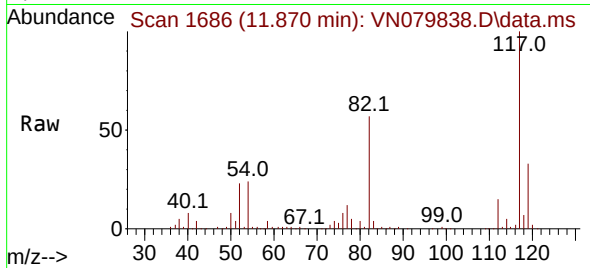
Tgt Ion: 95 Resp: 244262
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 72.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

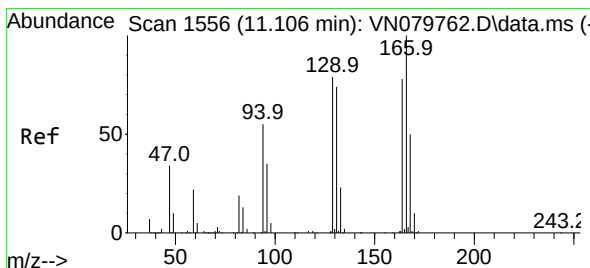
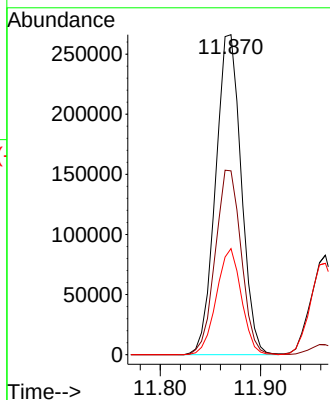
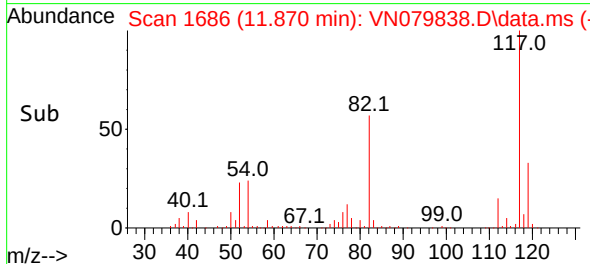
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 47356
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 33.1 25.6 38.4

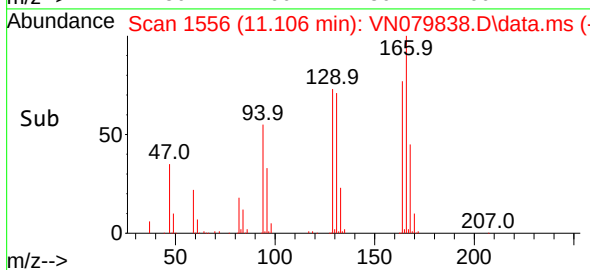
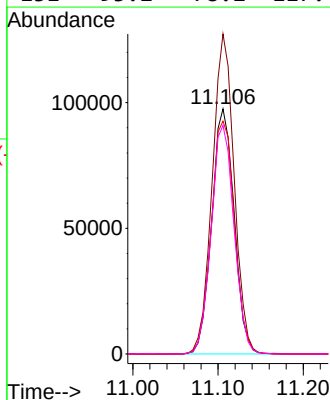
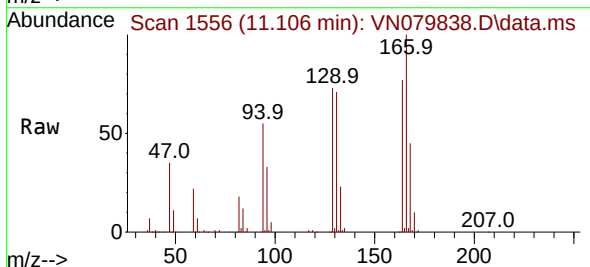
Manual Integrations
APPROVED

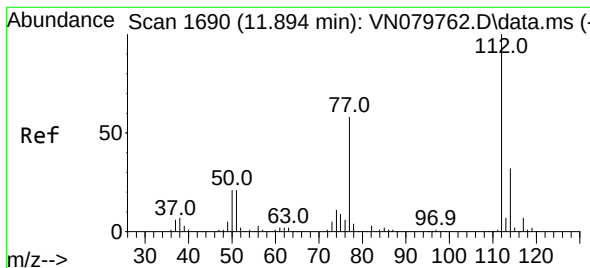
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 58.216 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

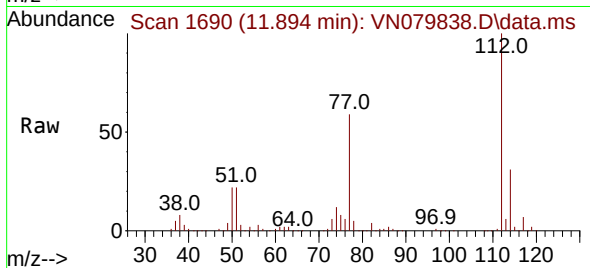
Tgt Ion:164 Resp: 178552
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 95.0 82.4 123.6
131 93.2 78.2 117.4





#65
Chlorobenzene
Concen: 54.990 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

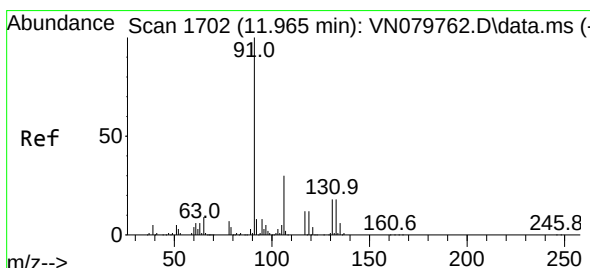
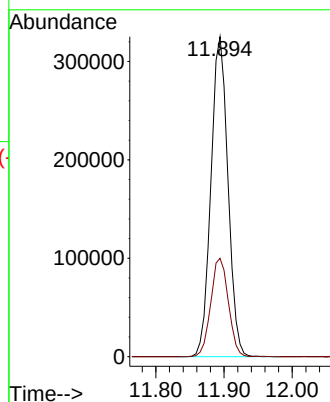
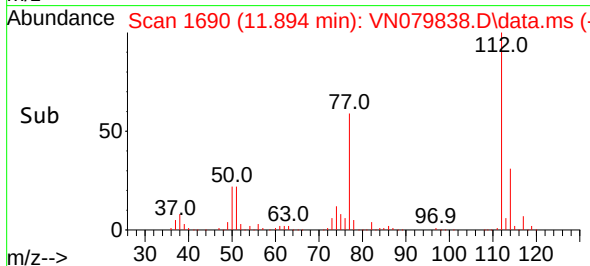
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



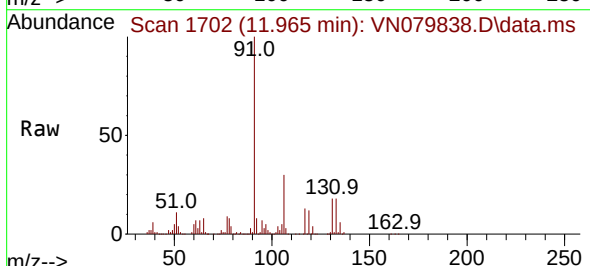
Tgt Ion:112 Resp: 56488
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

Manual Integrations
APPROVED

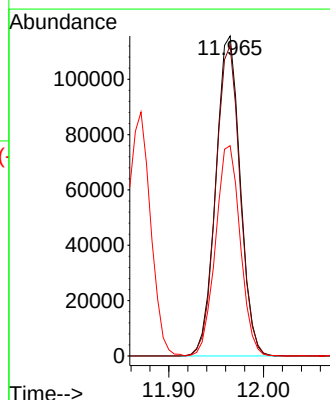
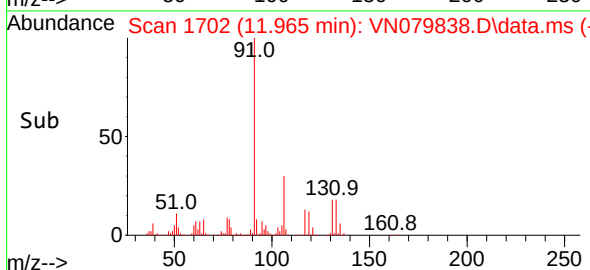
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

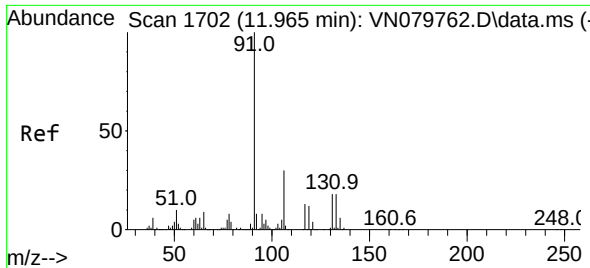


#66
1,1,1,2-Tetrachloroethane
Concen: 55.992 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



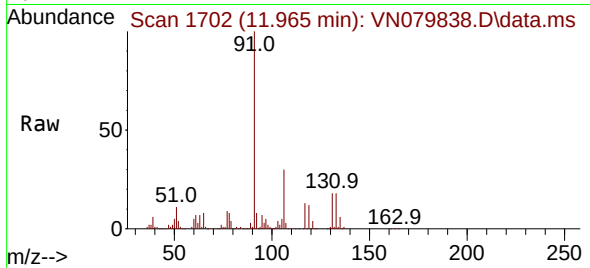
Tgt Ion:131 Resp: 207231
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 66.5 34.1 102.2





#67
Ethyl Benzene
Concen: 57.881 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

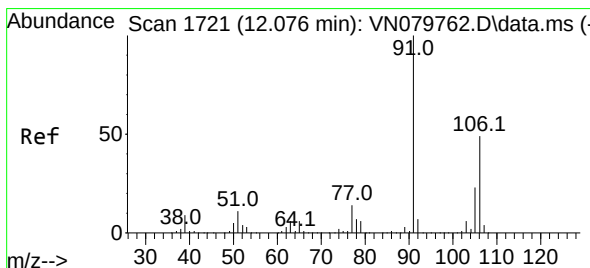
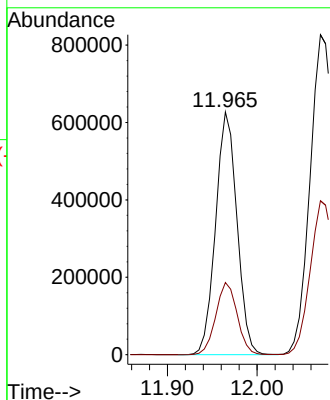
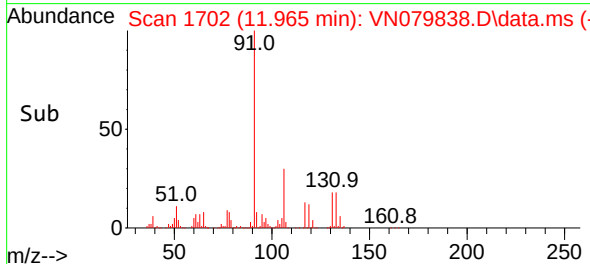
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



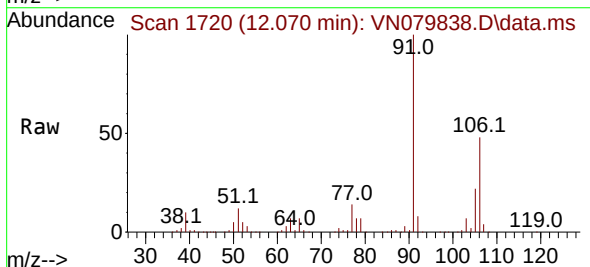
Tgt Ion: 91 Resp: 103590
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

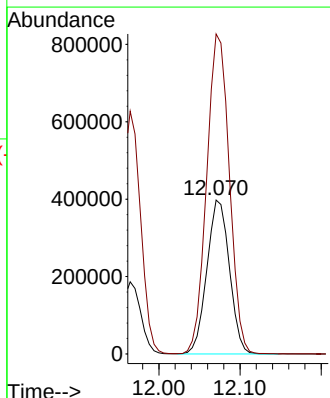
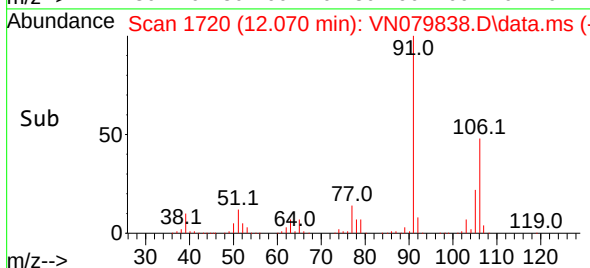
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

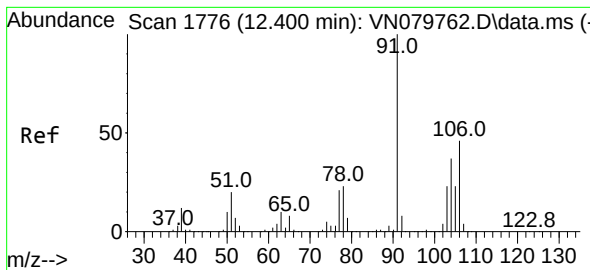


#68
m/p-Xylenes
Concen: 115.080 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



Tgt Ion:106 Resp: 767243
Ion Ratio Lower Upper
106 100
91 209.2 159.6 239.4





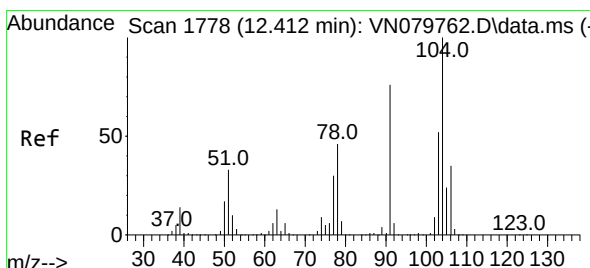
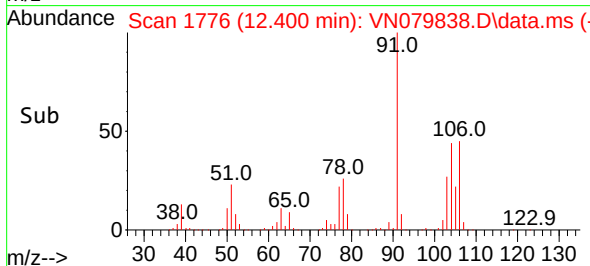
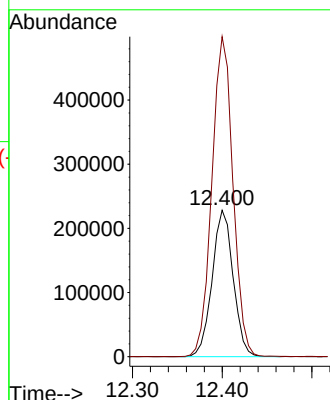
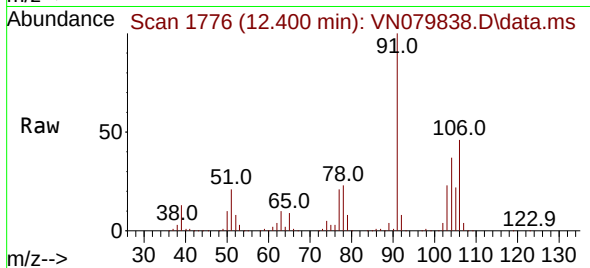
#69
o-Xylene
Concen: 57.929 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 371905
Ion Ratio Lower Upper
106 100
91 219.2 105.2 315.5

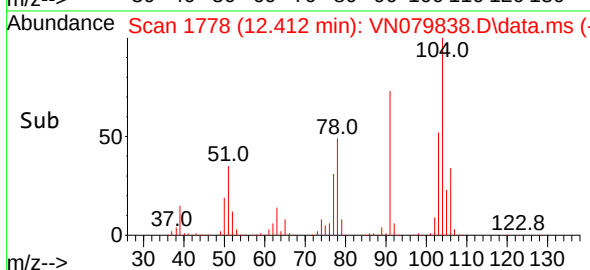
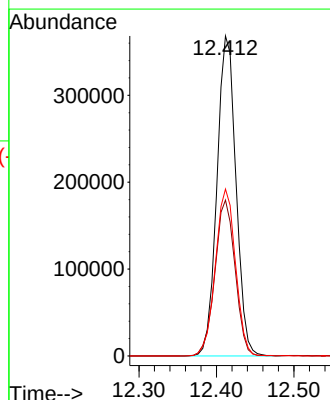
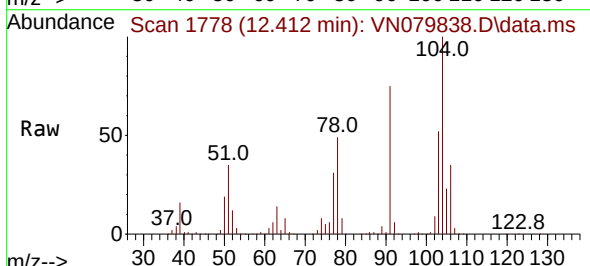
Manual Integrations
APPROVED

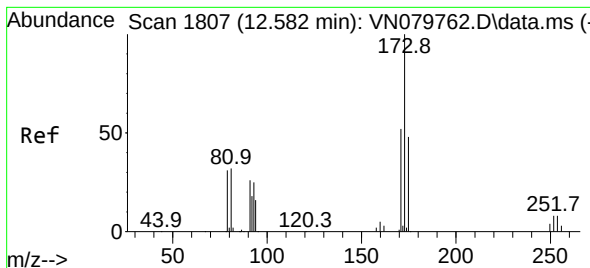
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 60.882 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion:104 Resp: 628147
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 55.441 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 14570

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

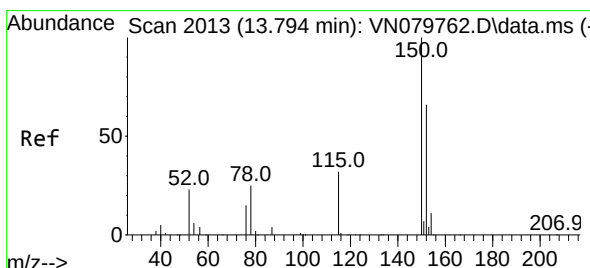
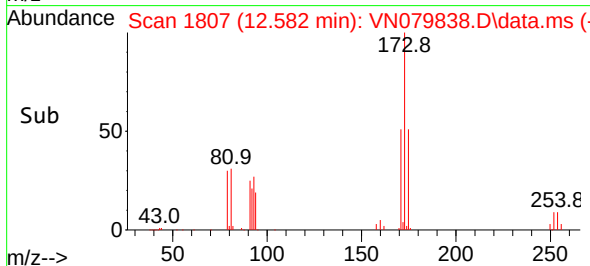
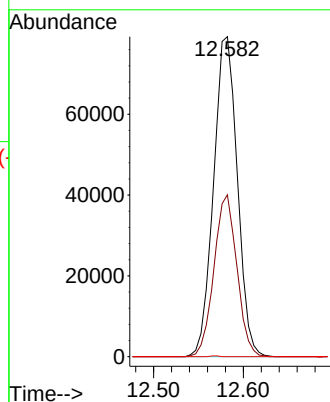
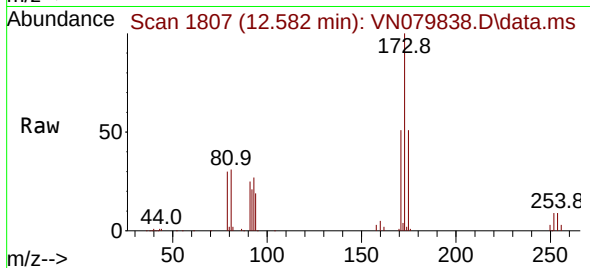
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

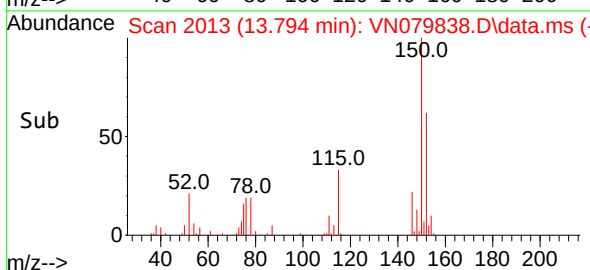
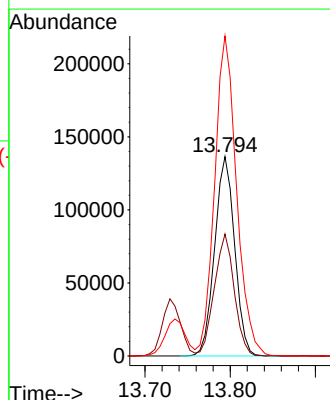
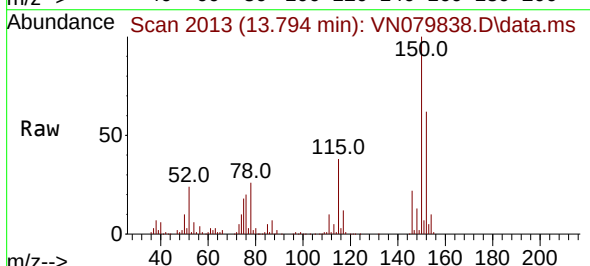
Tgt Ion:152 Resp: 222316

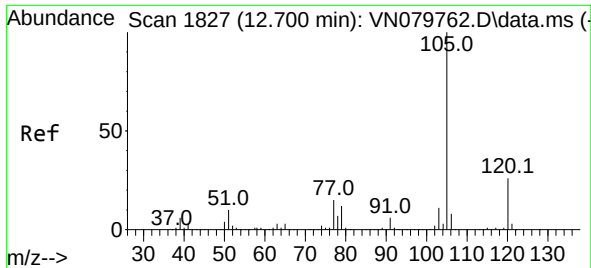
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 176.5 0.0 355.8





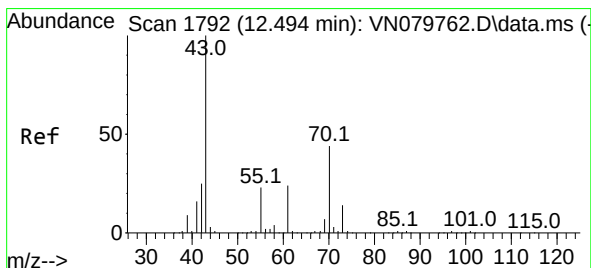
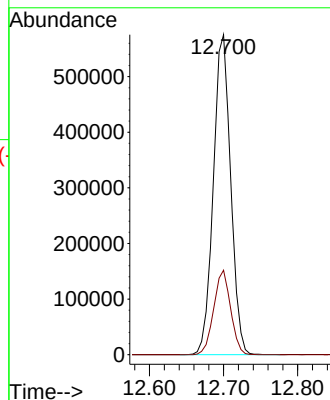
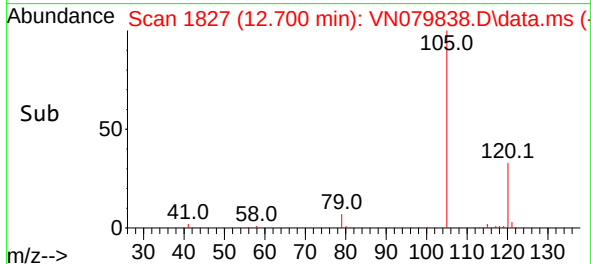
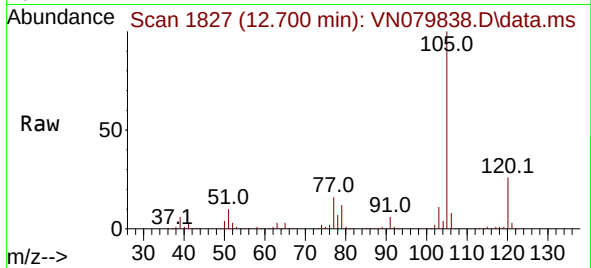
#73
Isopropylbenzene
Concen: 55.310 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 933218
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

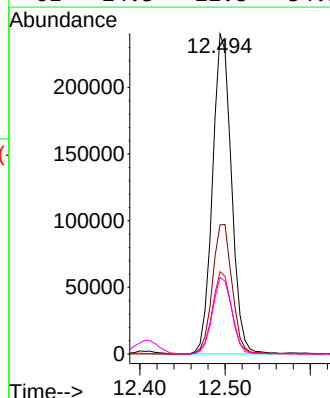
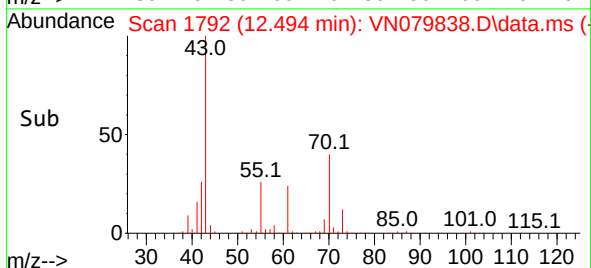
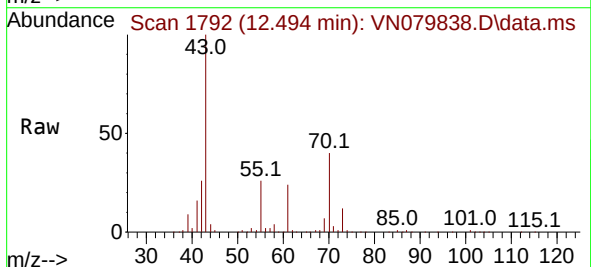
Manual Integrations
APPROVED

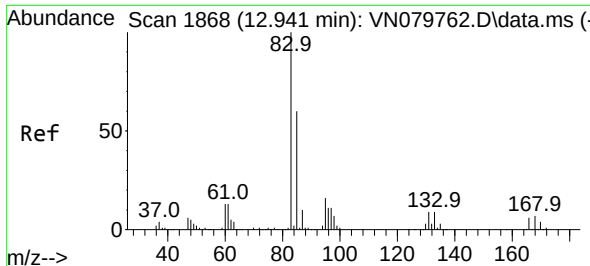
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 50.454 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

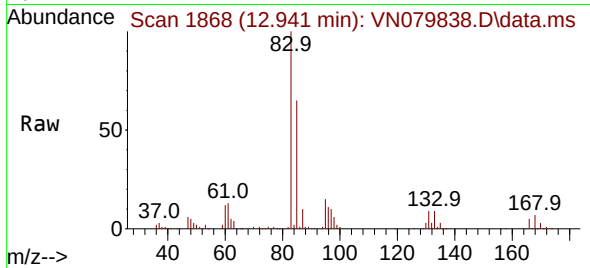
Tgt Ion: 43 Resp: 371573
Ion Ratio Lower Upper
43 100
70 41.9 43.4 65.2#
55 26.3 21.4 32.0
61 24.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.859 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

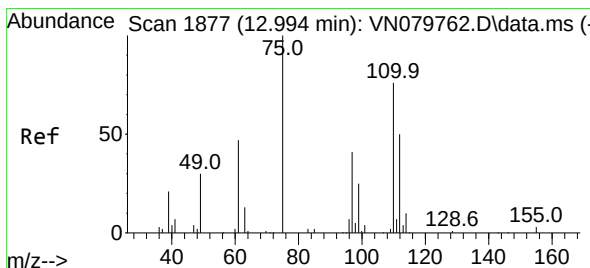
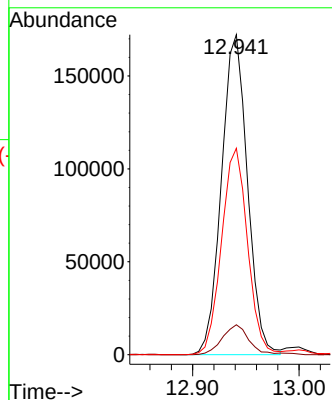
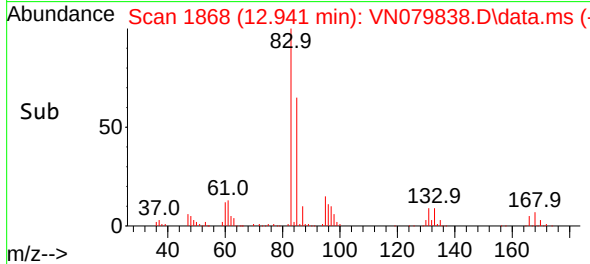
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 292280
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.3 31.9 95.7

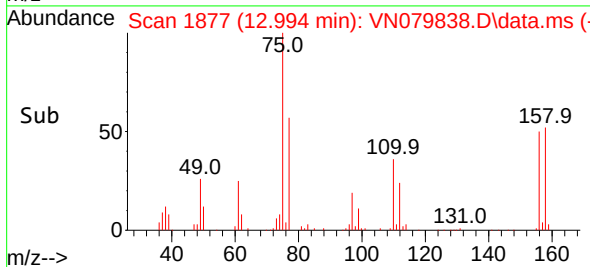
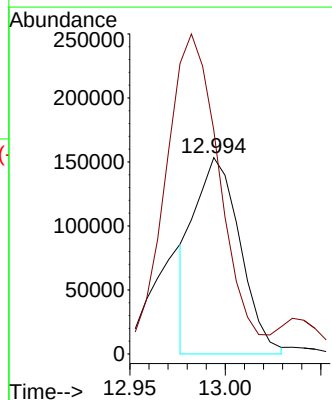
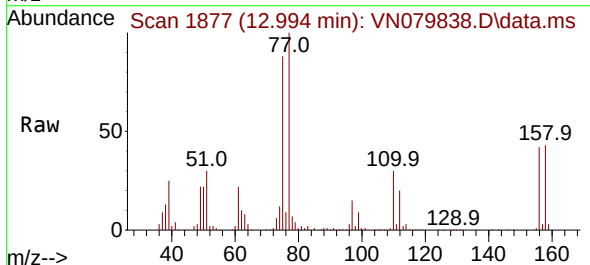
Manual Integrations
APPROVED

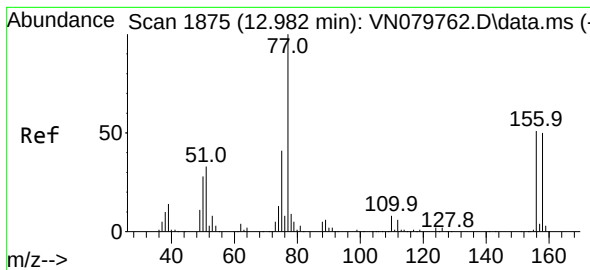
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 49.123 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion: 75 Resp: 256389
Ion Ratio Lower Upper
75 100
77 194.8 84.5 253.5





#77

Bromobenzene

Concen: 54.464 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

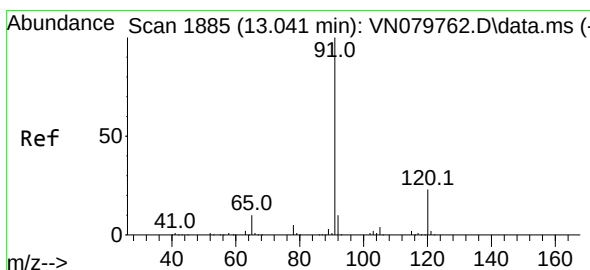
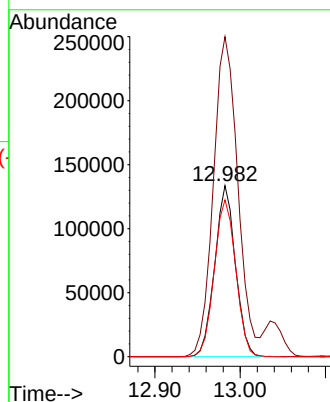
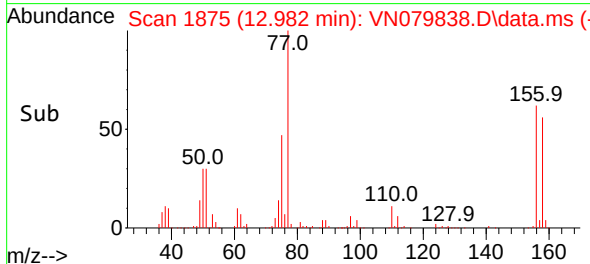
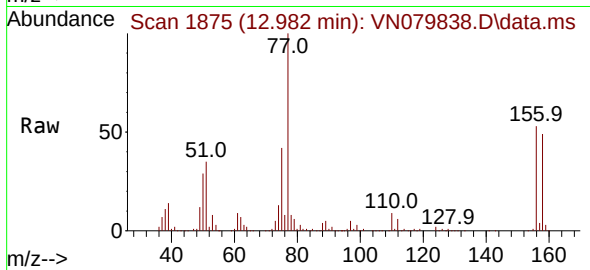
Tgt Ion:156 Resp: 224979
 Ion Ratio Lower Upper
 156 100
 77 222.0 107.7 323.3
 158 95.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 57.604 ug/l

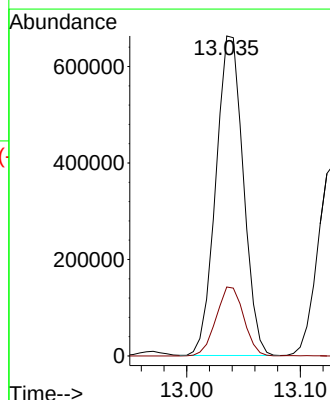
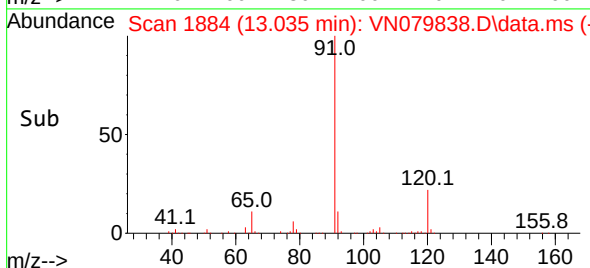
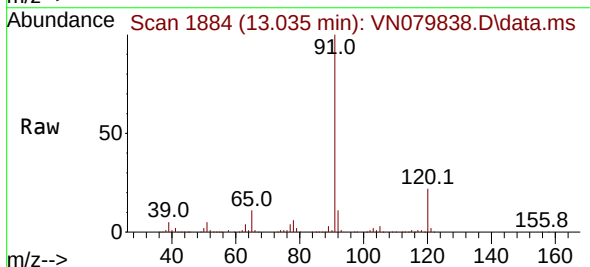
RT: 13.035 min Scan# 1884

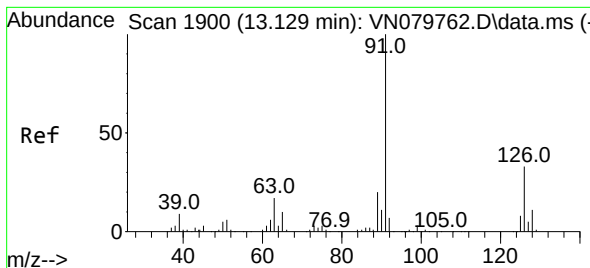
Delta R.T. -0.006 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Tgt Ion: 91 Resp: 1113006
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.474 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079838.D

Acq: 03 Nov 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 672384

Ion Ratio Lower Upper

91 100

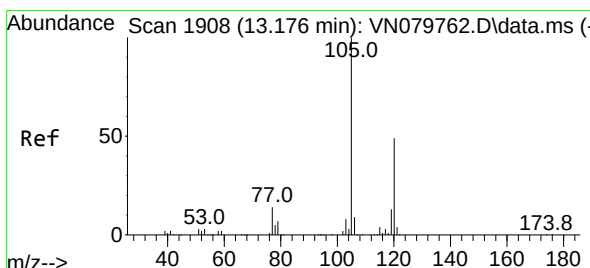
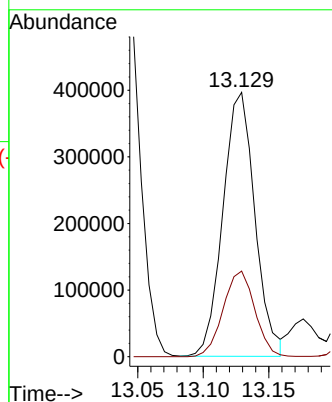
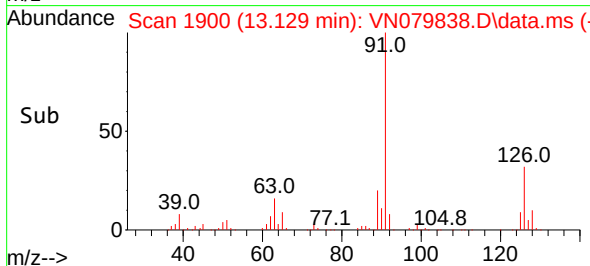
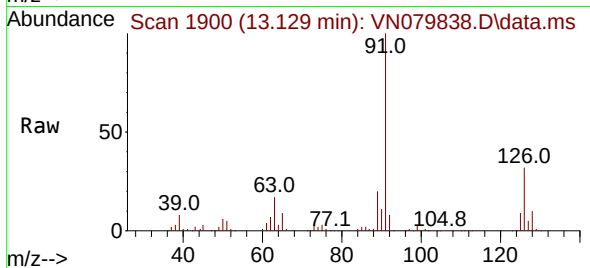
126 32.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#80

1,3,5-Trimethylbenzene

Concen: 57.947 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079838.D

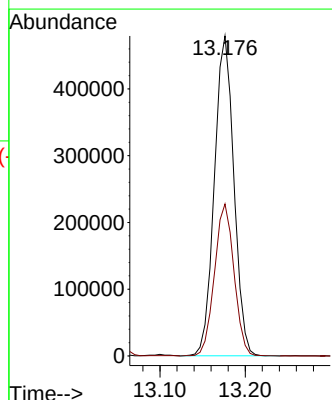
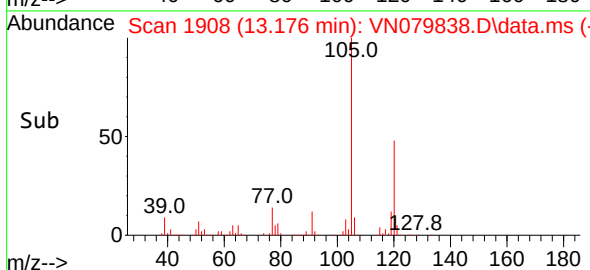
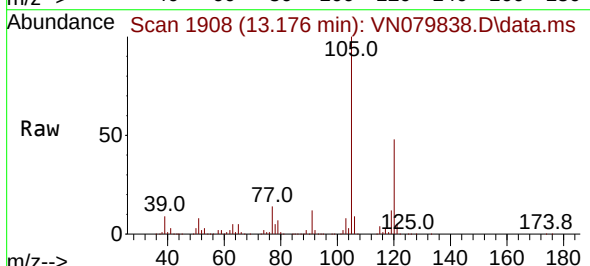
Acq: 03 Nov 2023 10:32

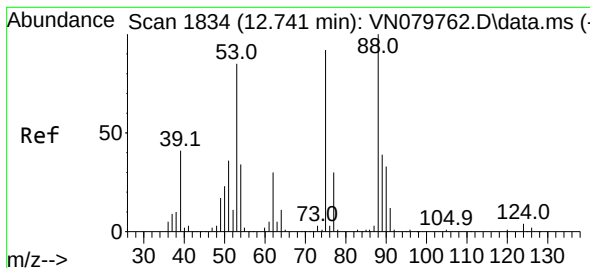
Tgt Ion:105 Resp: 760680

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





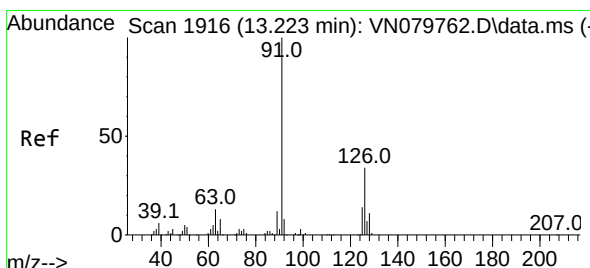
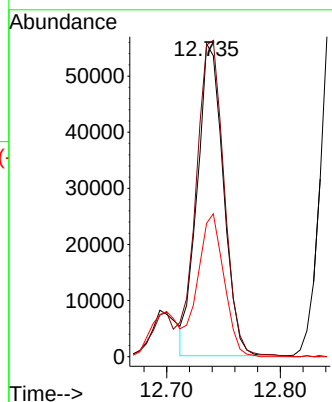
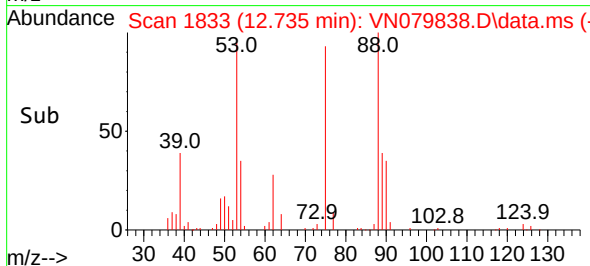
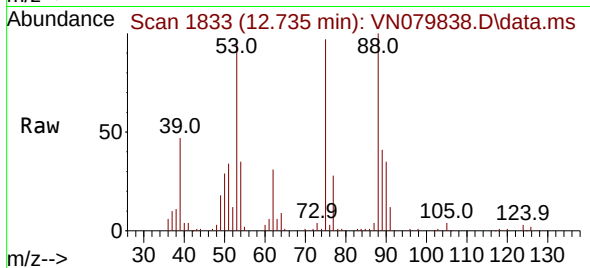
#81
trans-1,4-Dichloro-2-butene
Concen: 46.393 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8899
Ion Ratio Lower Upper
75 100
53 109.4 67.4 101.2
89 46.5 38.8 58.2

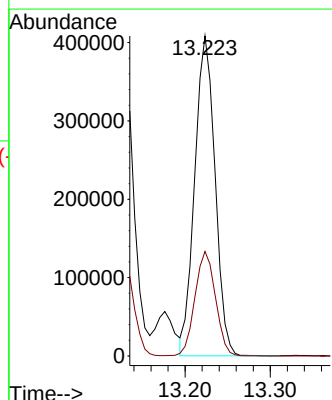
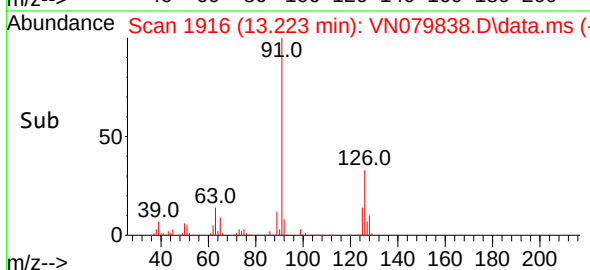
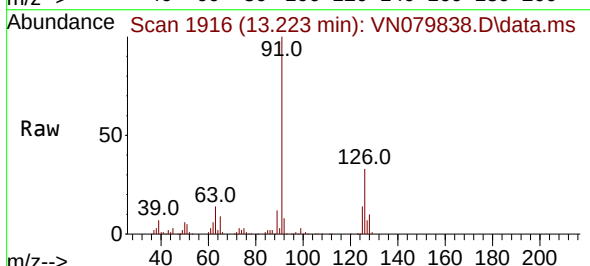
Manual Integrations
APPROVED

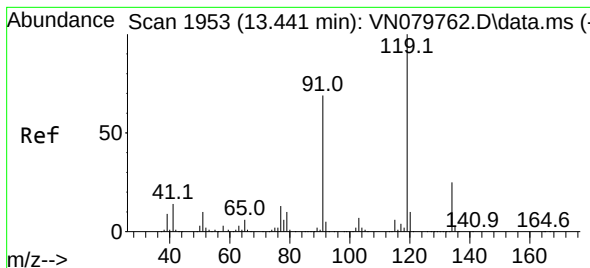
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 55.052 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

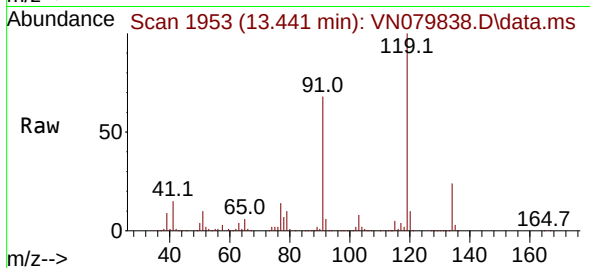
Tgt Ion: 91 Resp: 675241
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 57.277 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

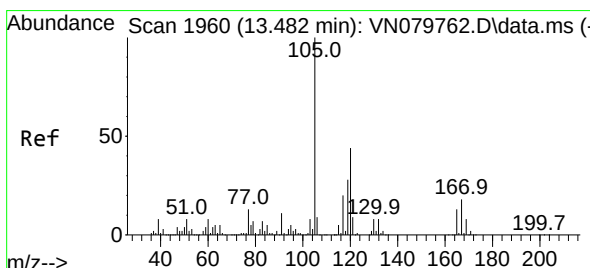
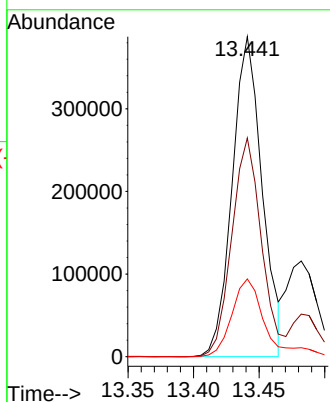
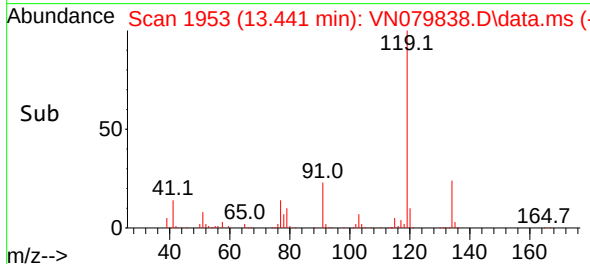
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



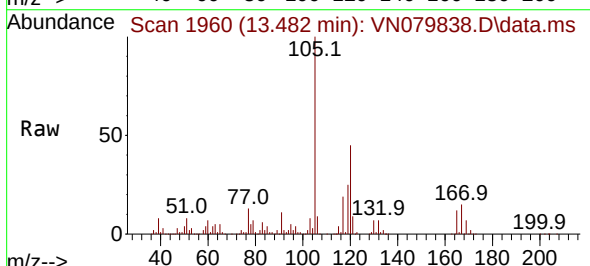
Tgt Ion:119 Resp: 615461
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 27.0 13.2 39.6

Manual Integrations
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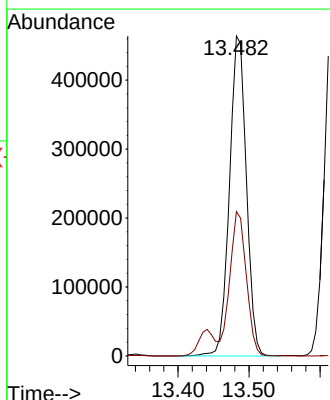
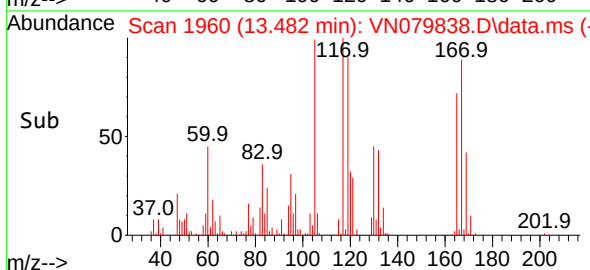
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

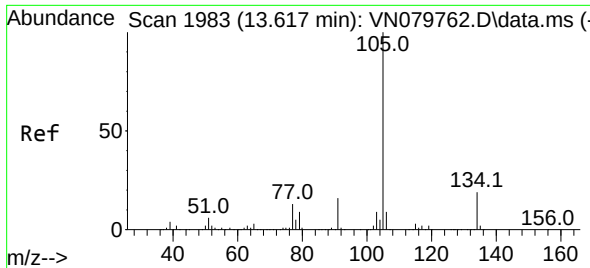


#84
1,2,4-Trimethylbenzene
Concen: 59.445 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



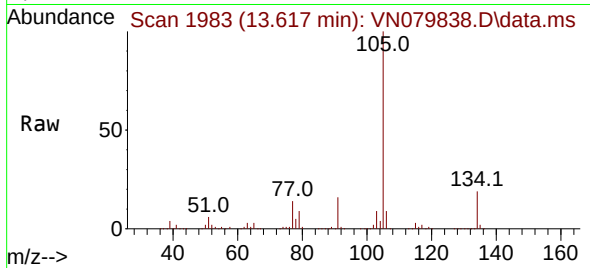
Tgt Ion:105 Resp: 767761
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 57.883 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

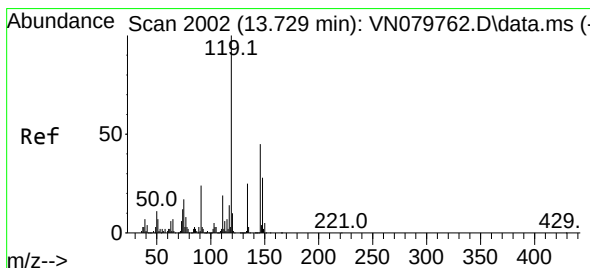
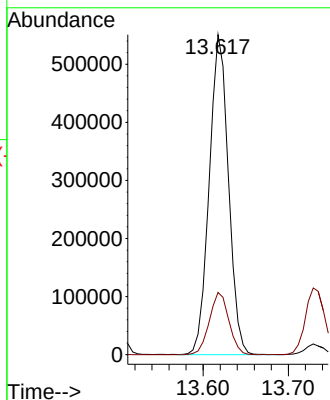
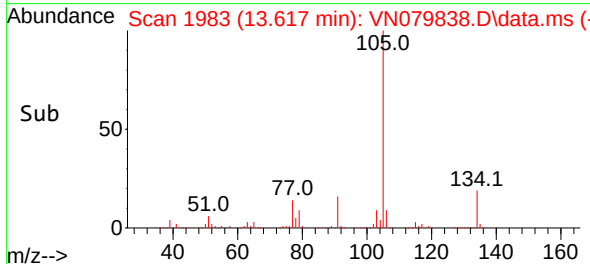
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



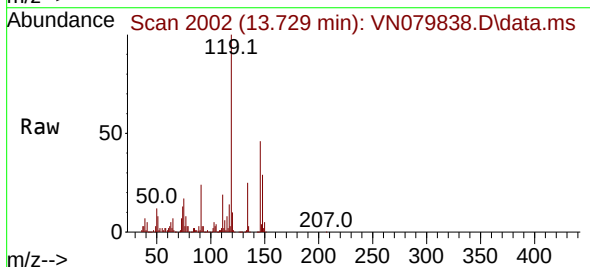
Tgt Ion:105 Resp: 861725
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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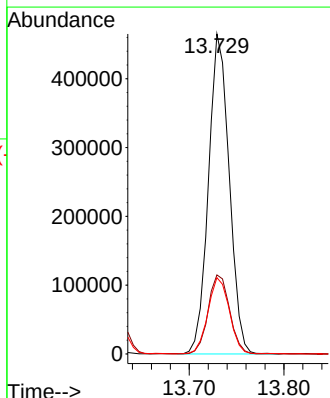
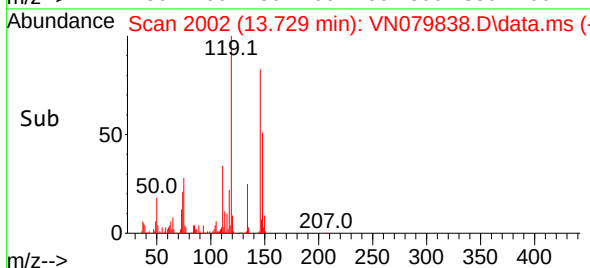
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

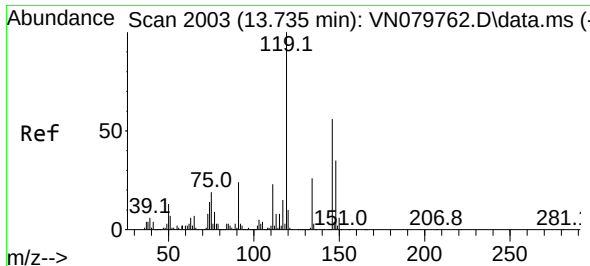


#86
 p-Isopropyltoluene
 Concen: 58.464 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32



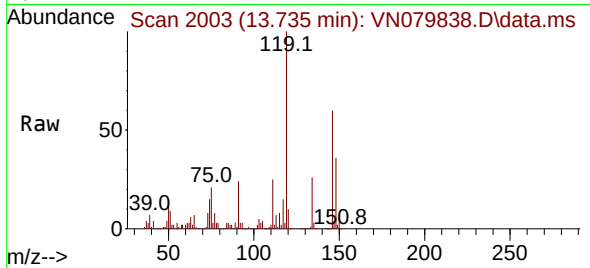
Tgt Ion:119 Resp: 709608
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 53.349 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32

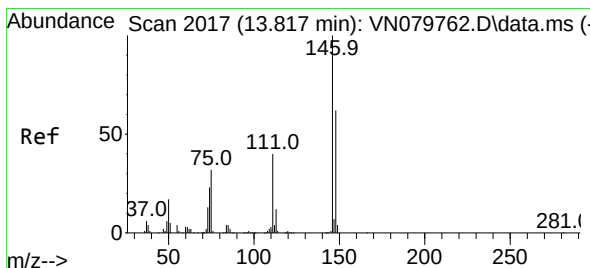
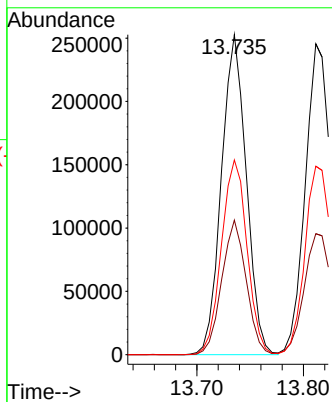
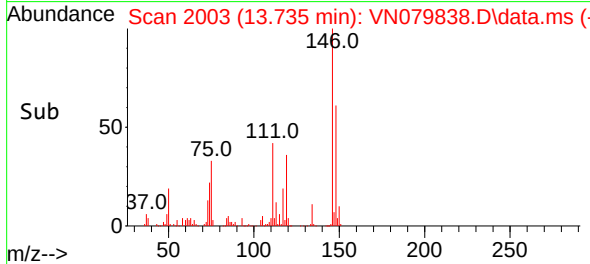
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



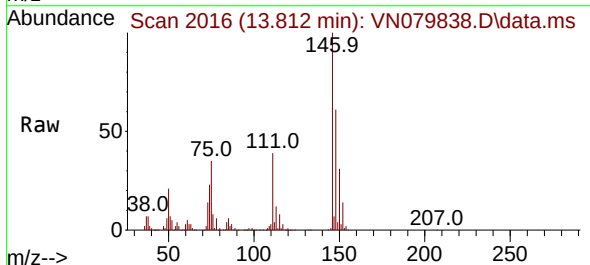
Tgt Ion:146 Resp: 409950
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.3
 148 62.7 32.0 96.0

Manual Integrations
 APPROVED

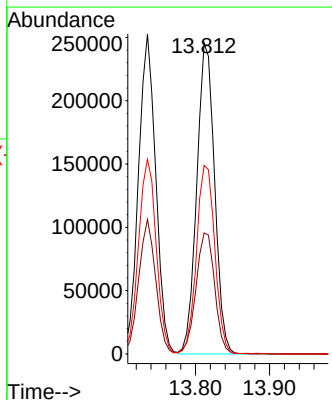
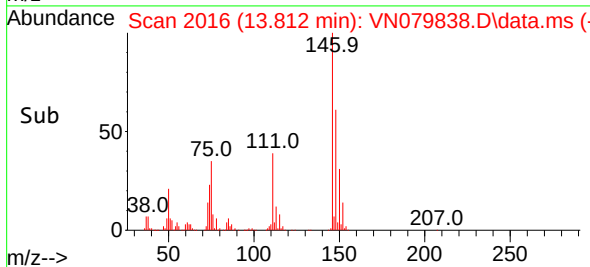
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

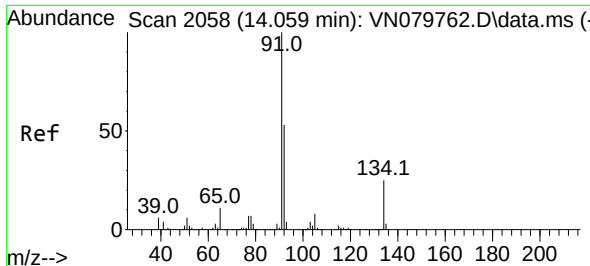


#88
 1,4-Dichlorobenzene
 Concen: 52.672 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079838.D
 Acq: 03 Nov 2023 10:32



Tgt Ion:146 Resp: 410841
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 62.4 31.6 94.8





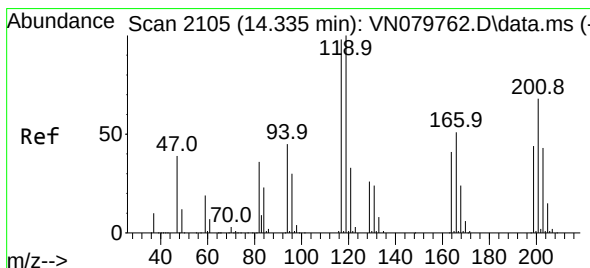
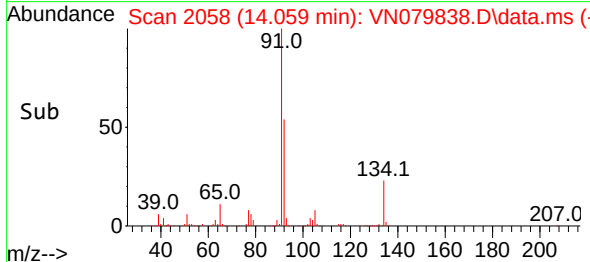
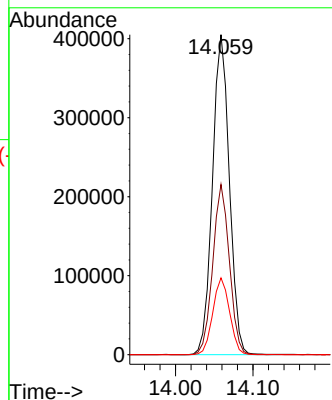
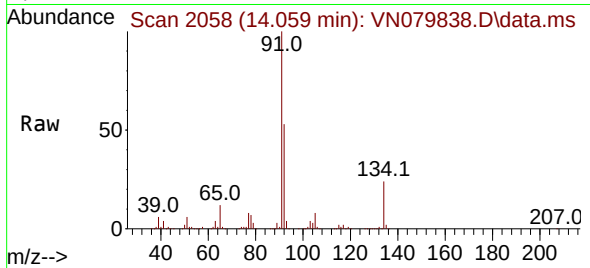
#89
n-Butylbenzene
Concen: 58.717 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 61383
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 23.8 12.6 37.6

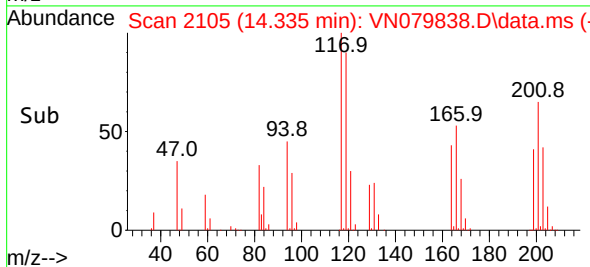
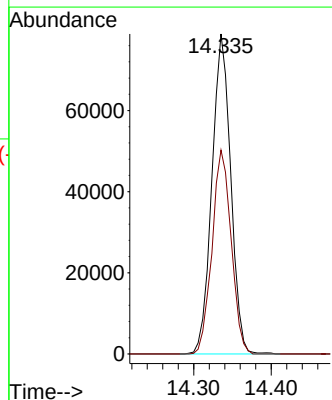
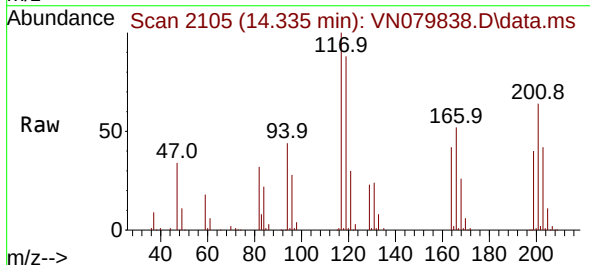
Manual Integrations
APPROVED

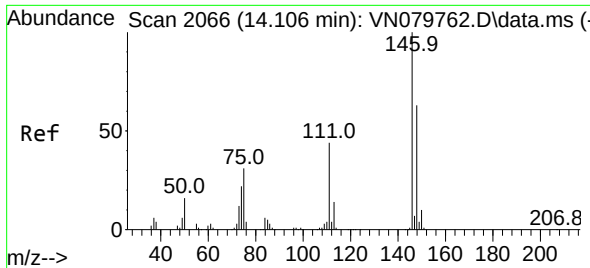
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 55.222 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

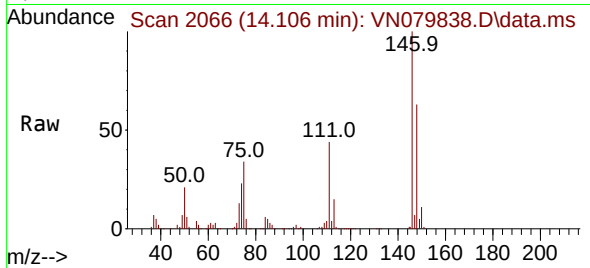
Tgt Ion:117 Resp: 132742
Ion Ratio Lower Upper
117 100
201 64.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 54.094 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

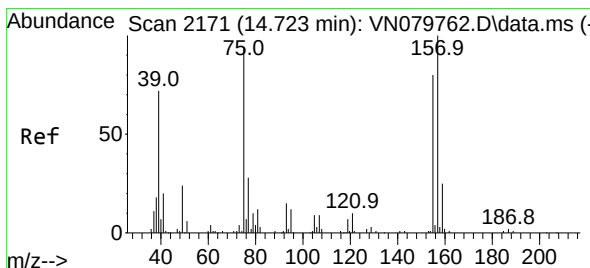
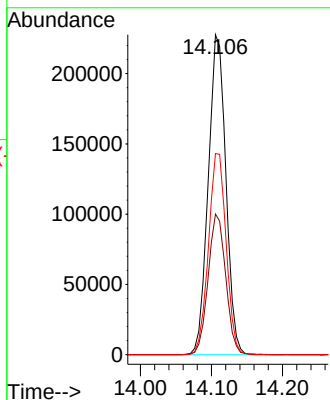
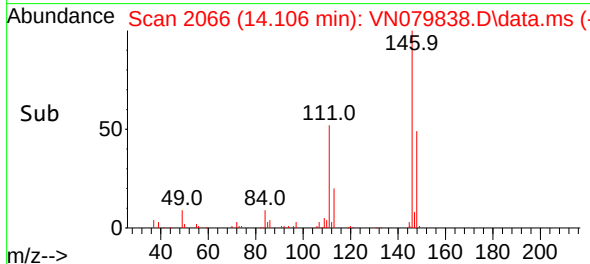
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



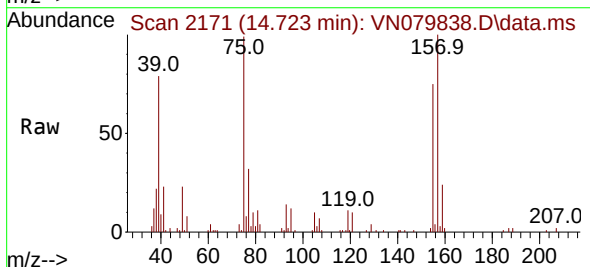
Tgt Ion:146 Resp: 392400
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
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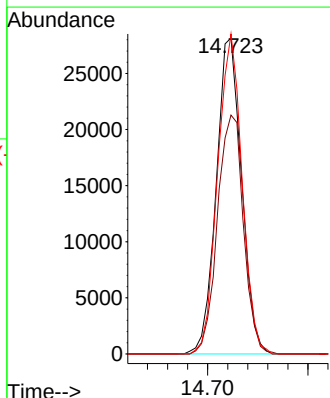
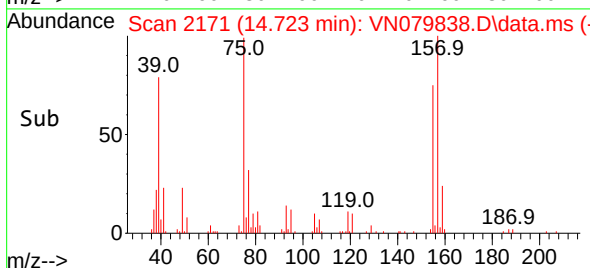
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

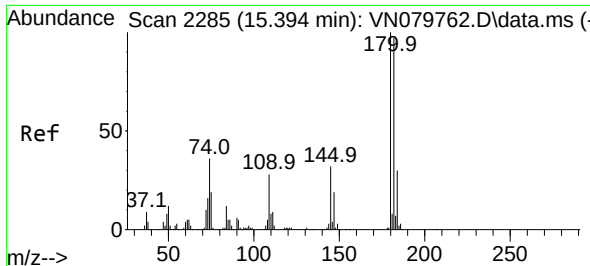


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.577 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



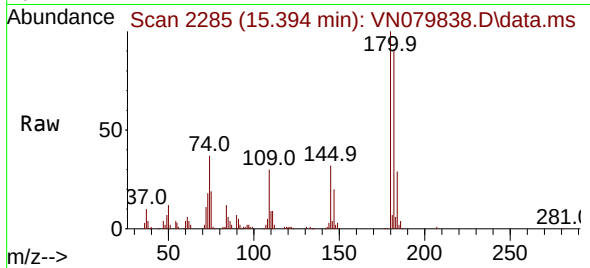
Tgt Ion: 75 Resp: 49281
Ion Ratio Lower Upper
75 100
155 77.8 39.1 117.2
157 97.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 52.965 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

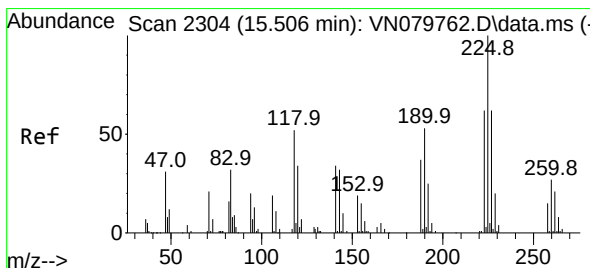
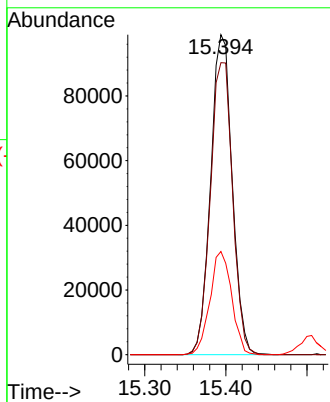
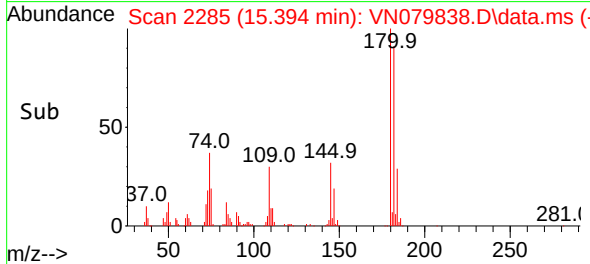
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



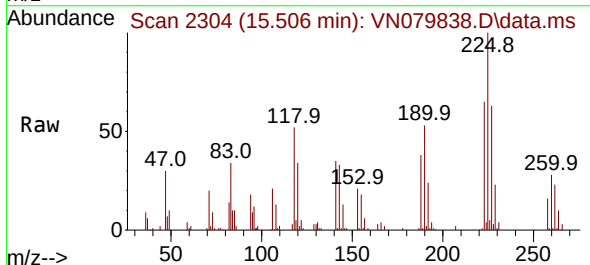
Tgt Ion:180 Resp: 18269
Ion Ratio Lower Upper
180 100
182 94.3 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
APPROVED

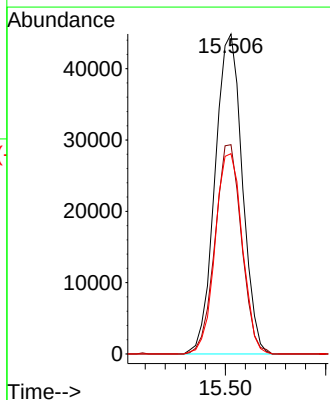
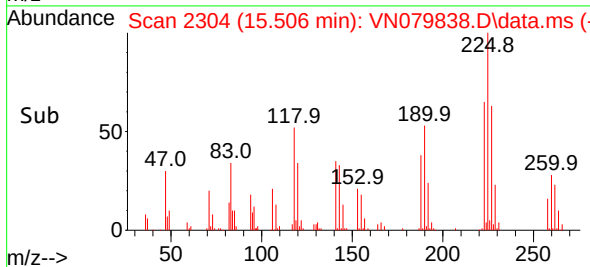
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

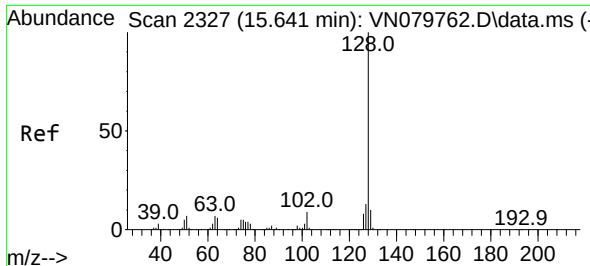


#94
Hexachlorobutadiene
Concen: 54.137 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32



Tgt Ion:225 Resp: 84651
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 62.2 31.9 95.9





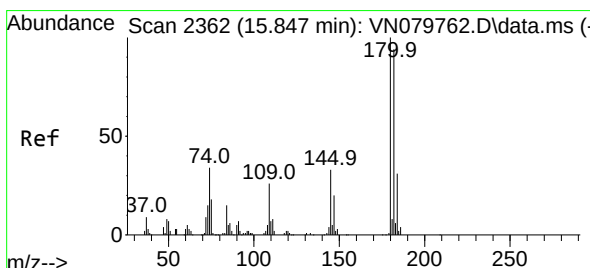
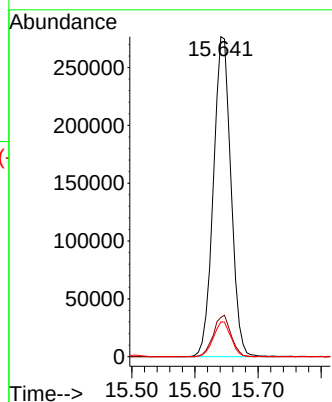
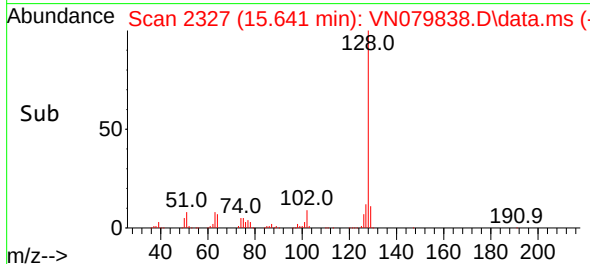
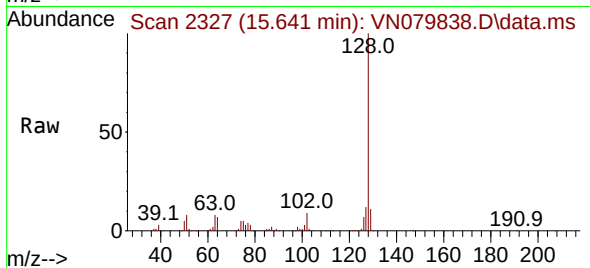
#95
Naphthalene
Concen: 45.637 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 53383
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 51.527 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079838.D
Acq: 03 Nov 2023 10:32

Tgt Ion:180 Resp: 174220
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 32.6 17.5 52.6

