

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079963.D
 Acq On : 07 Nov 2023 14:34
 Operator : JC\MD
 Sample : VN1107WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:27:44 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	301034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	476433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	268647	58.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.160%			
35) Dibromofluoromethane	8.171	113	202837	53.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	10.571	98	732693	52.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.853	95	258302	56.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70537	19.453	ug/l	97
3) Chloromethane	2.359	50	86704	18.357	ug/l	99
4) Vinyl Chloride	2.512	62	102325	21.558	ug/l	99
5) Bromomethane	2.948	94	53287	18.477	ug/l	96
6) Chloroethane	3.112	64	62732	16.727	ug/l	94
7) Trichlorofluoromethane	3.495	101	120729	20.450	ug/l	98
8) Diethyl Ether	3.959	74	49189	21.957	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.365	101	67562	19.742	ug/l	98
10) Methyl Iodide	4.583	142	76710	19.628	ug/l	96
11) Tert butyl alcohol	5.524	59	72587	123.982	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64346	19.858	ug/l #	76
13) Acrolein	4.177	56	51248	100.470	ug/l	98
14) Allyl chloride	5.024	41	113200	22.809	ug/l #	91
15) Acrylonitrile	5.724	53	219163	120.121	ug/l	99
16) Acetone	4.436	43	187079	116.126	ug/l #	87
17) Carbon Disulfide	4.712	76	166999	17.867	ug/l	99
18) Methyl Acetate	5.024	43	194814	25.276	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	254344	22.799	ug/l	95
20) Methylene Chloride	5.271	84	86192	21.204	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	72637	20.100	ug/l #	78
22) Diisopropyl ether	6.677	45	277058	24.089	ug/l #	90
23) Vinyl Acetate	6.606	43	720214	113.526	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	157233	22.492	ug/l	97
25) 2-Butanone	7.483	43	295355	125.199	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	114734	19.846	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	91637	21.198	ug/l	85
28) Bromochloromethane	7.818	49	79904	23.455	ug/l #	76
29) Tetrahydrofuran	7.841	42	194464	126.699	ug/l #	76
30) Chloroform	7.971	83	163181	21.490	ug/l	97
31) Cyclohexane	8.259	56	120366	19.861	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	134823	21.791	ug/l	97
36) 1,1-Dichloropropene	8.377	75	110814	20.619	ug/l	95
37) Ethyl Acetate	7.565	43	125625	25.487	ug/l #	91
38) Carbon Tetrachloride	8.371	117	115152	21.260	ug/l	94
39) Methylcyclohexane	9.606	83	101110	19.991	ug/l #	85
40) Benzene	8.612	78	347226	21.571	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	67436	25.765	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	133453	23.735	ug/l	97
43) Isopropyl Acetate	8.694	43	209196	24.202	ug/l #	89
44) Trichloroethene	9.353	130	80802	20.229	ug/l	100
45) 1,2-Dichloropropane	9.630	63	94545	22.983	ug/l	99
46) Dibromomethane	9.712	93	63935	22.762	ug/l	95
47) Bromodichloromethane	9.894	83	130484	21.782	ug/l	99
48) Methyl methacrylate	9.688	41	91701	24.220	ug/l #	82
49) 1,4-Dioxane	9.694	88	36121	539.926	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	624059	128.239	ug/l	90
52) Toluene	10.635	92	212051	22.221	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	131998	22.477	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	144488	22.573	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	88818	23.140	ug/l	95
56) Ethyl methacrylate	10.877	69	130840	23.898	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	156645	23.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	306882	110.591	ug/l	90
59) 2-Hexanone	11.200	43	451284	121.222	ug/l	88
60) Dibromochloromethane	11.365	129	89974	21.899	ug/l	97
61) 1,2-Dibromoethane	11.471	107	86632	22.487	ug/l	99
64) Tetrachloroethene	11.106	164	65104	21.099	ug/l	98
65) Chlorobenzene	11.894	112	222207	21.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	83947	22.545	ug/l	98
67) Ethyl Benzene	11.965	91	387946	21.546	ug/l	94
68) m/p-Xylenes	12.076	106	292734	43.643	ug/l	94
69) o-Xylene	12.400	106	140903	21.815	ug/l	93
70) Styrene	12.418	104	235244	22.663	ug/l	97
71) Bromoform	12.582	173	63184	23.897	ug/l #	98
73) Isopropylbenzene	12.700	105	353592	21.480	ug/l	99
74) N-amyl acetate	12.500	43	157546	21.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	133110	22.807	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106115m	20.839	ug/l	
77) Bromobenzene	12.982	156	86081	21.359	ug/l	87
78) n-propylbenzene	13.041	91	408374	21.664	ug/l	97
79) 2-Chlorotoluene	13.129	91	263195	21.856	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	290869	22.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	37941	20.272	ug/l #	72
82) 4-Chlorotoluene	13.223	91	266083	22.235	ug/l	97
83) tert-Butylbenzene	13.441	119	228667	21.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	287787	22.839	ug/l	100
85) sec-Butylbenzene	13.618	105	318353	21.918	ug/l	100
86) p-Isopropyltoluene	13.735	119	259926	21.950	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157902	21.061	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	159251	20.927	ug/l	99
89) n-Butylbenzene	14.059	91	212516	20.836	ug/l	96
90) Hexachloroethane	14.341	117	50620	21.584	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	156573	22.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23635	23.879	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	69269	20.584	ug/l	97
94) Hexachlorobutadiene	15.506	225	32106	21.046	ug/l	99
95) Naphthalene	15.647	128	224731	19.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	69332	21.018	ug/l	98

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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

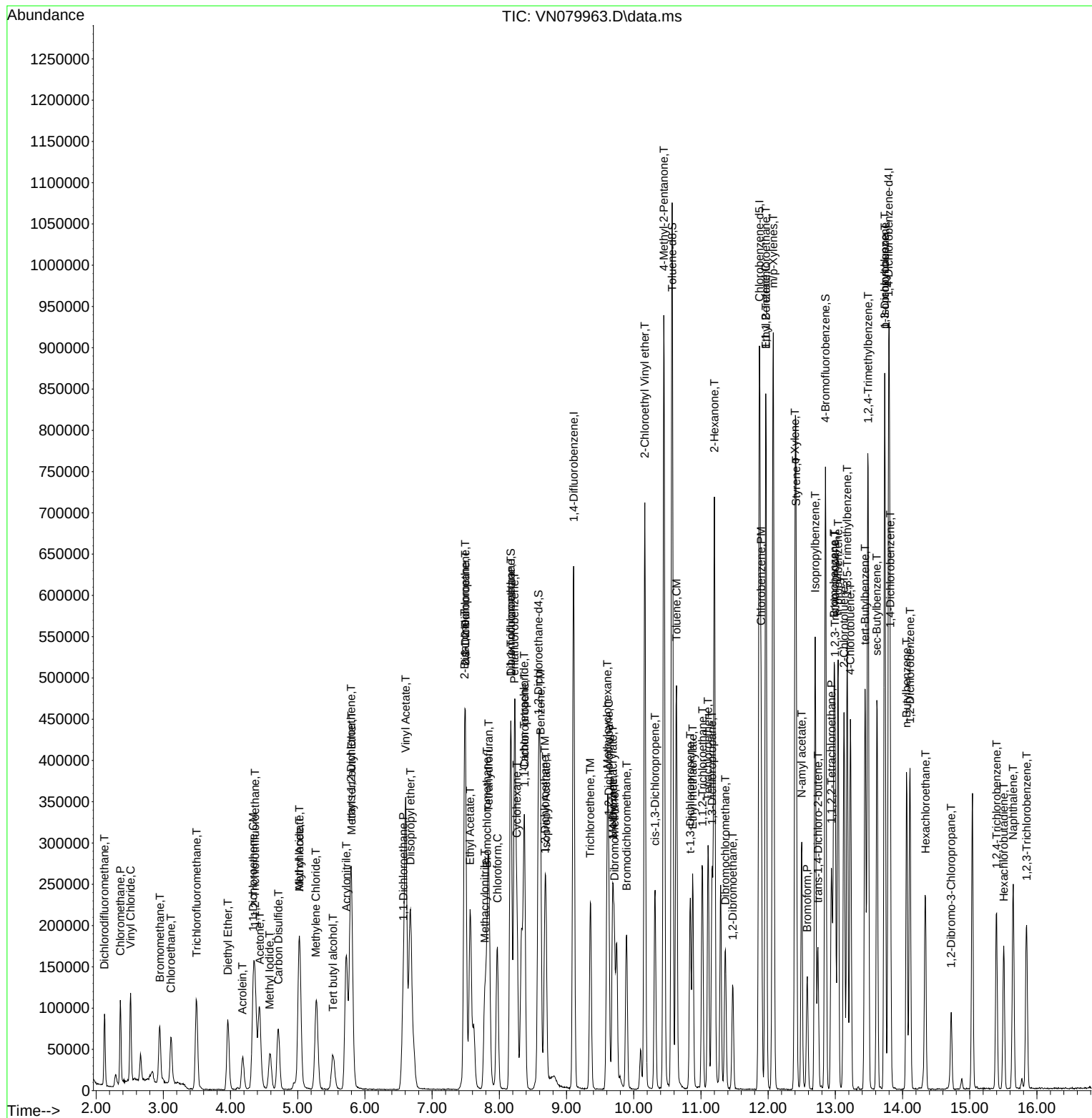
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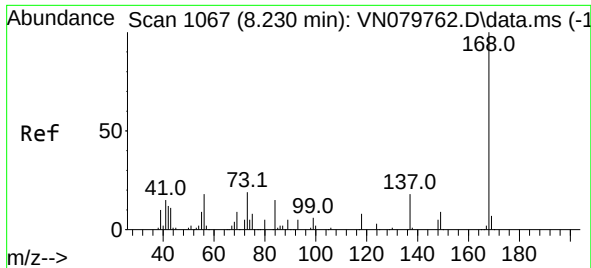
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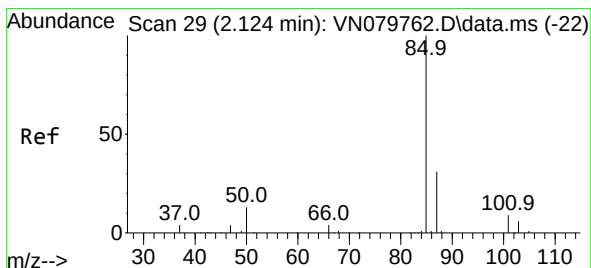
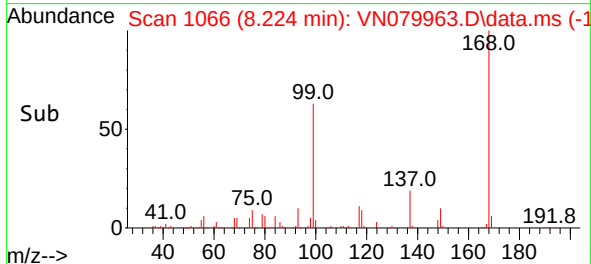
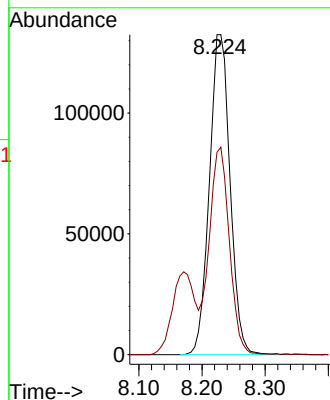
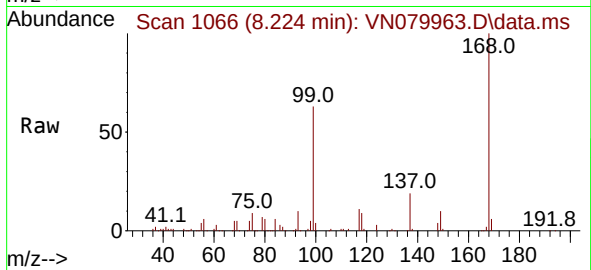
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079963.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 301034
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

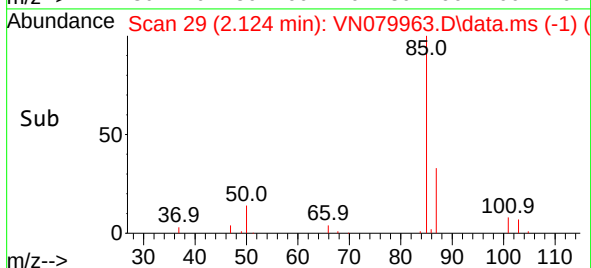
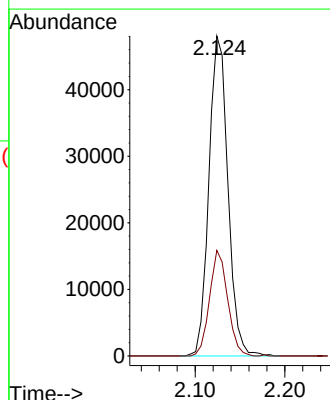
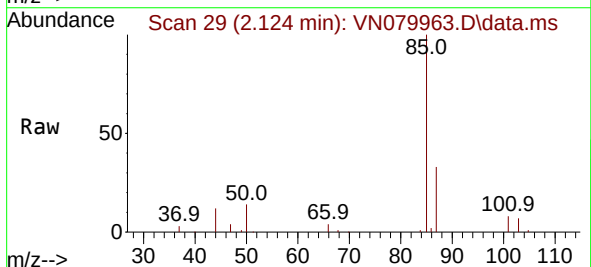
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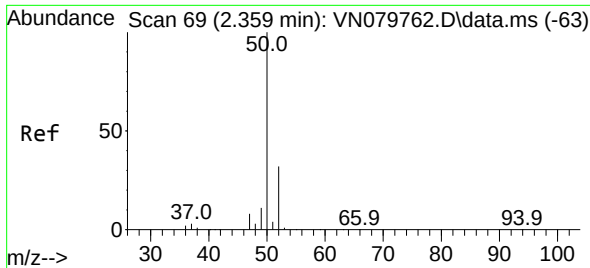
Reviewed By :John Carlone 11/08/2023
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#2
Dichlorodifluoromethane
Concen: 19.453 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

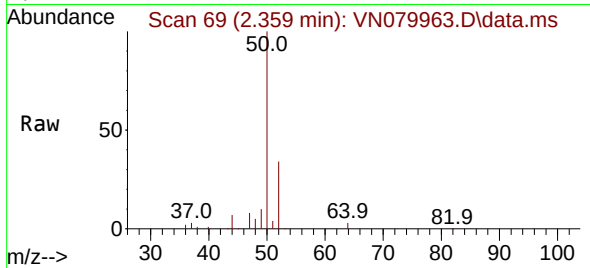
Tgt Ion: 85 Resp: 70537
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 18.357 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

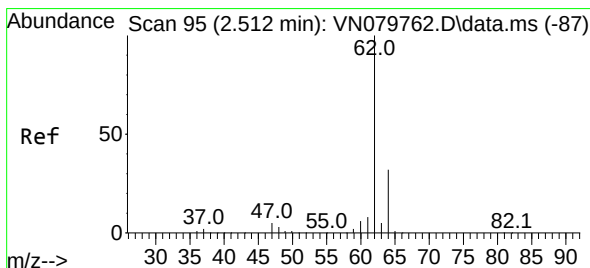
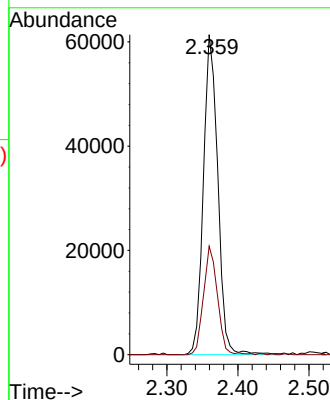
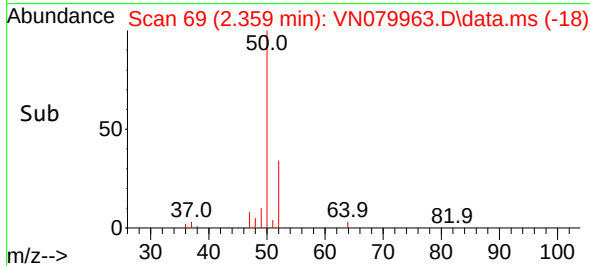
Instrument :
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Tgt Ion: 50 Resp: 86704
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

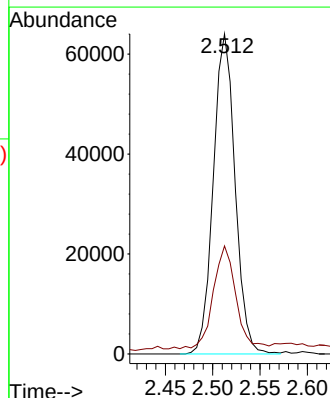
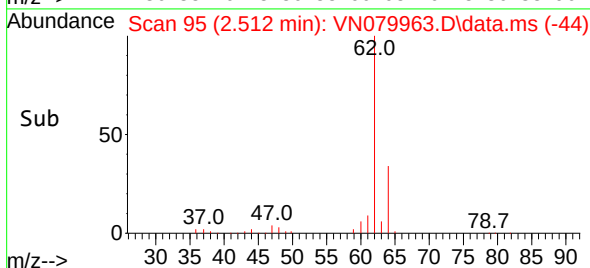
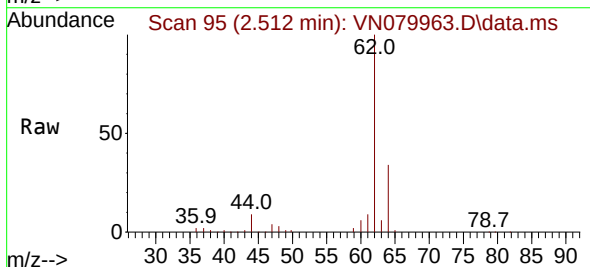
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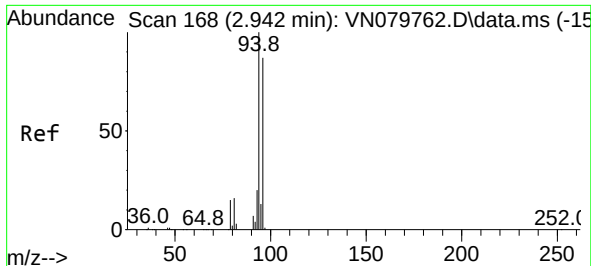
Reviewed By :John Carlone 11/08/2023
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#4
Vinyl Chloride
Concen: 21.558 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

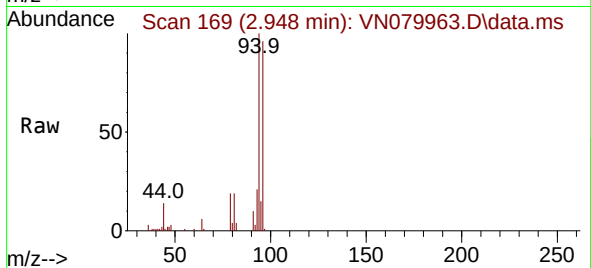
Tgt Ion: 62 Resp: 102325
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 18.477 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

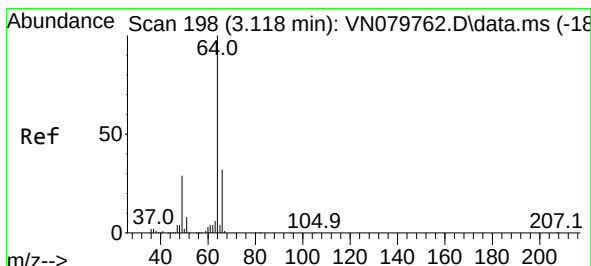
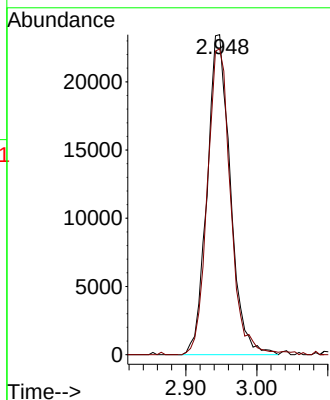
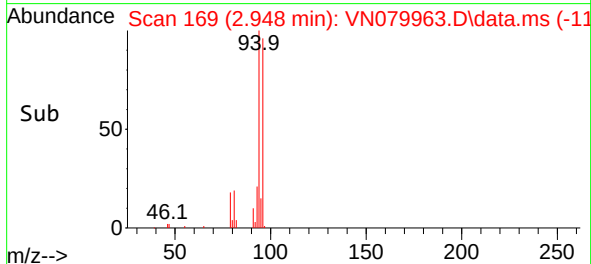
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Tgt Ion: 94 Resp: 5328
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7

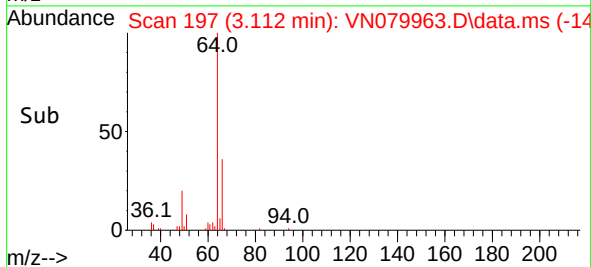
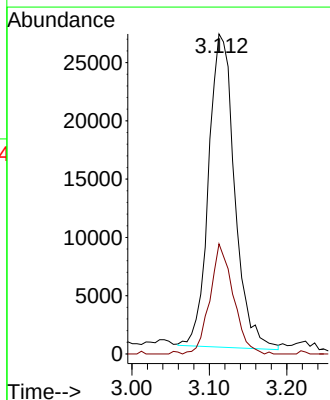
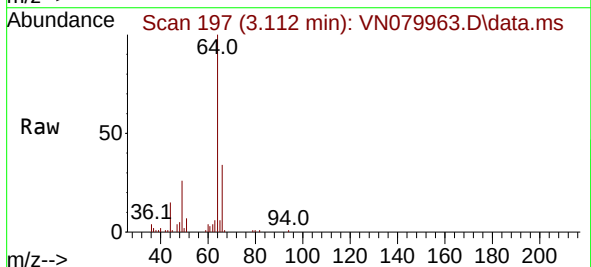
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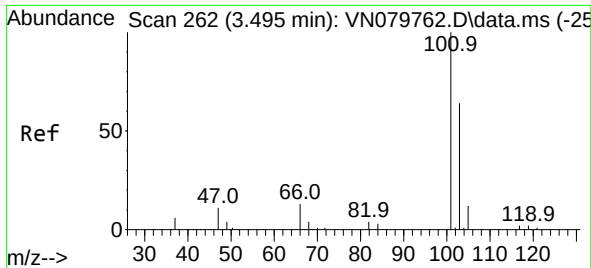
Reviewed By :John Carlone 11/08/2023
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#6
Chloroethane
Concen: 16.727 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

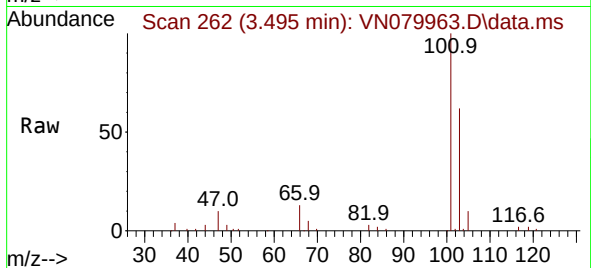
Tgt Ion: 64 Resp: 62732
Ion Ratio Lower Upper
64 100
66 35.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.450 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

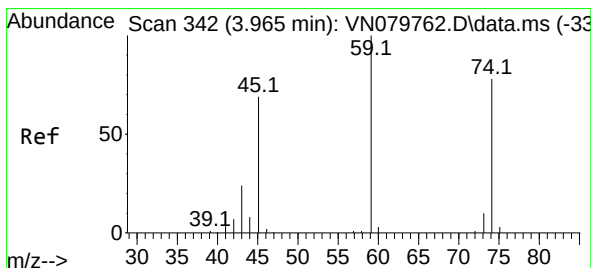
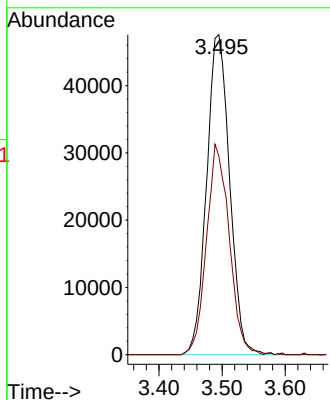
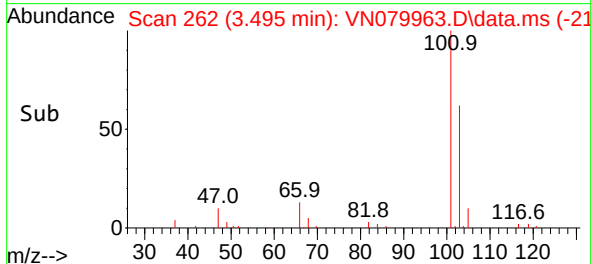
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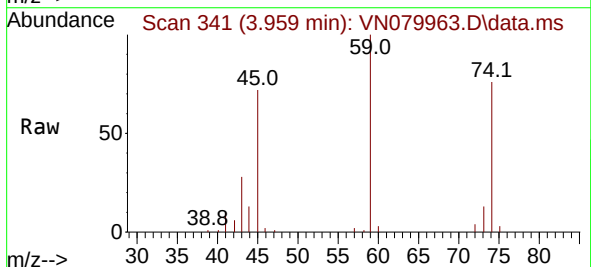
Tgt Ion:101 Resp: 120729
Ion Ratio Lower Upper
101 100
103 62.1 50.7 76.1

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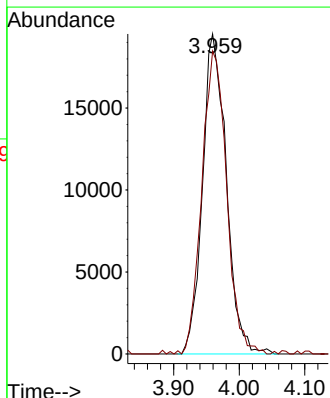
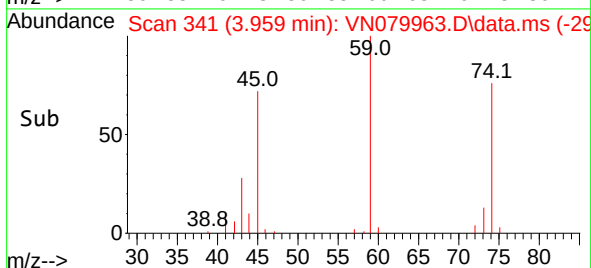
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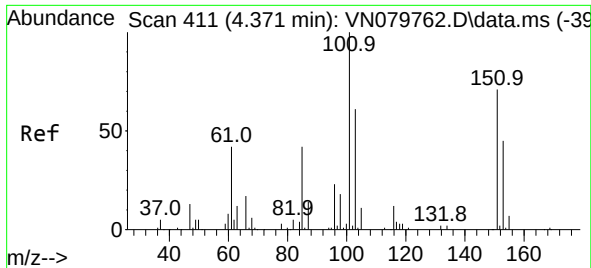


#8
Diethyl Ether
Concen: 21.957 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079963.D
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Tgt Ion: 74 Resp: 49189
Ion Ratio Lower Upper
74 100
45 98.9 34.4 103.3





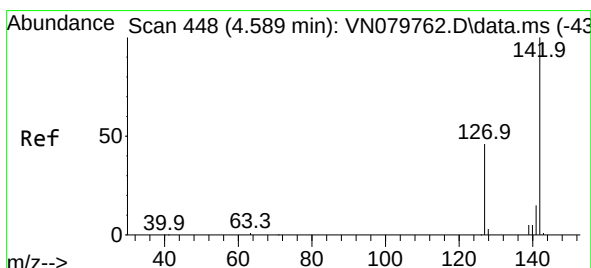
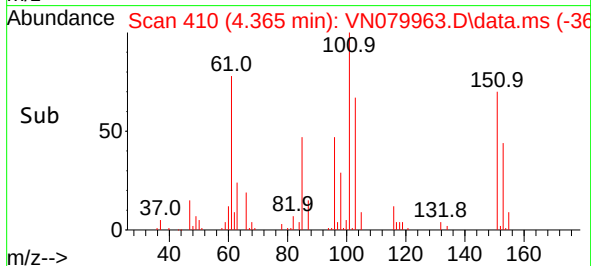
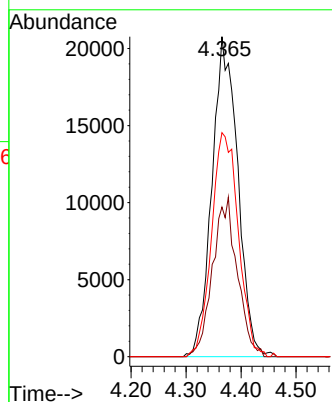
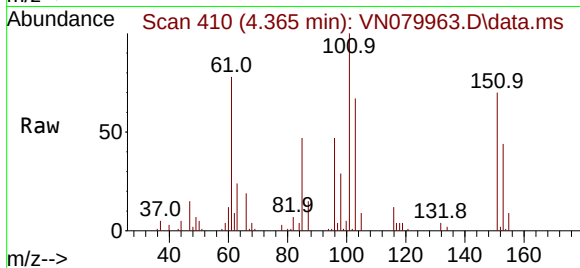
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.742 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion:101 Resp: 67562
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 72.8 57.6 86.4

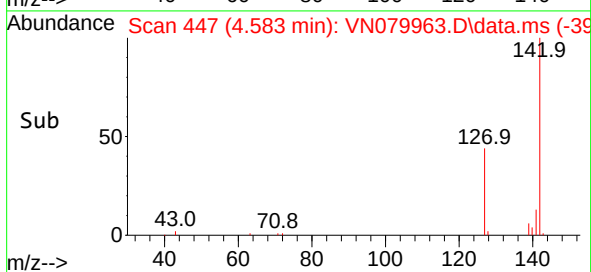
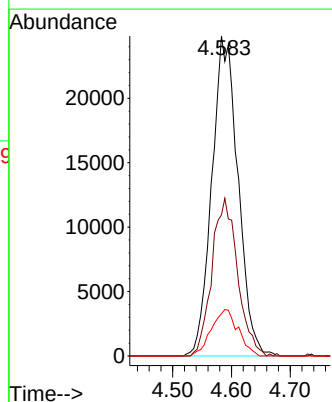
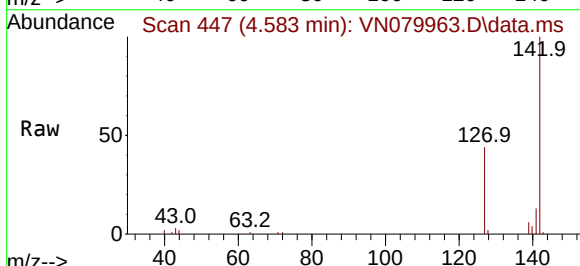
Manual Integrations
APPROVED

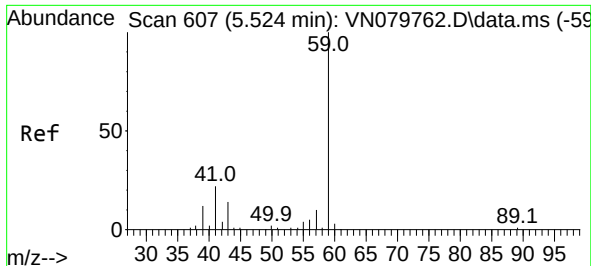
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 19.628 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion:142 Resp: 76710
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 13.2 11.4 17.0





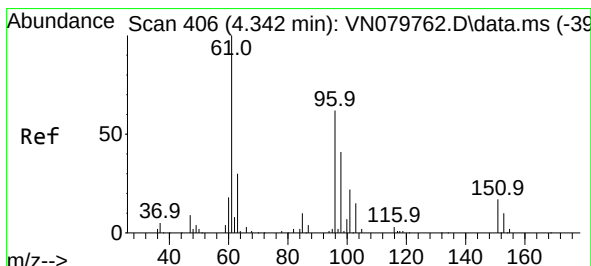
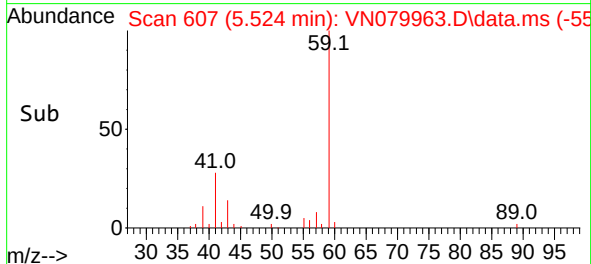
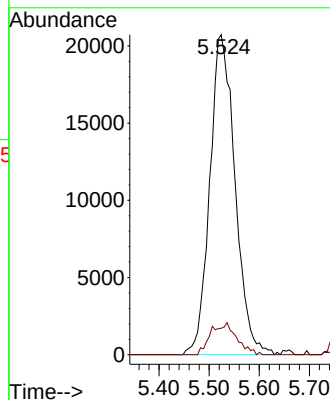
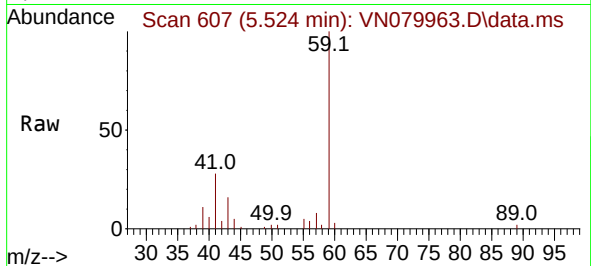
#11
Tert butyl alcohol
Concen: 123.982 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion: 59 Resp: 7258
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

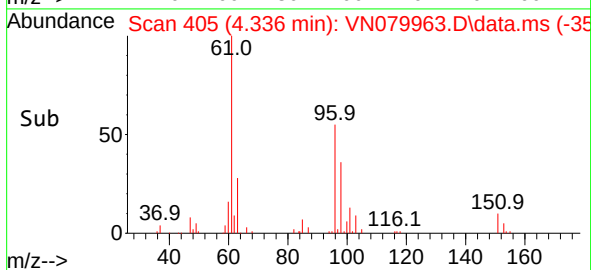
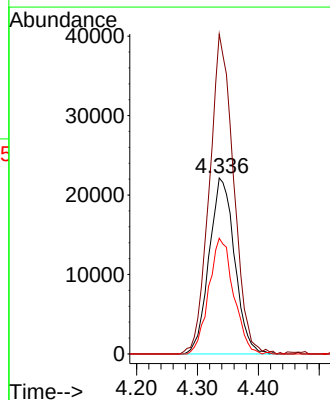
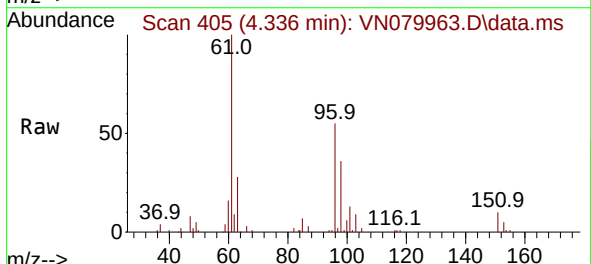
Manual Integrations
APPROVED

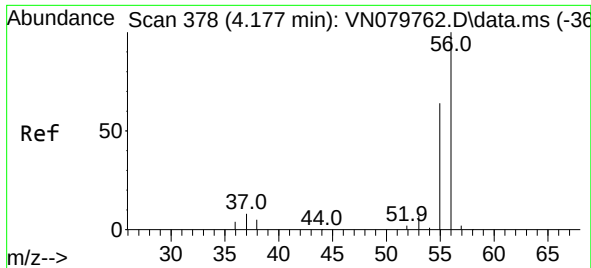
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#12
1,1-Dichloroethene
Concen: 19.858 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

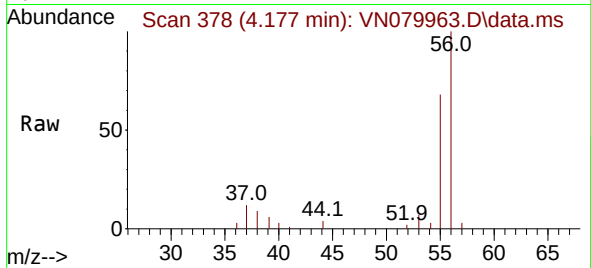
Tgt Ion: 96 Resp: 64346
Ion Ratio Lower Upper
96 100
61 181.8 112.7 169.1#
98 65.7 51.2 76.8





#13
Acrolein
Concen: 100.470 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

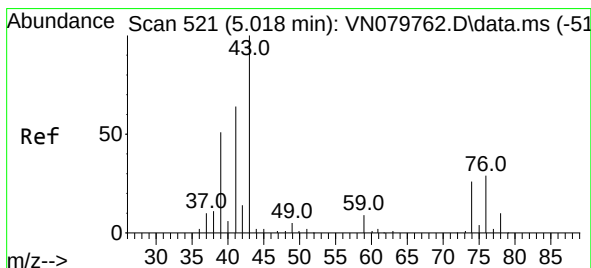
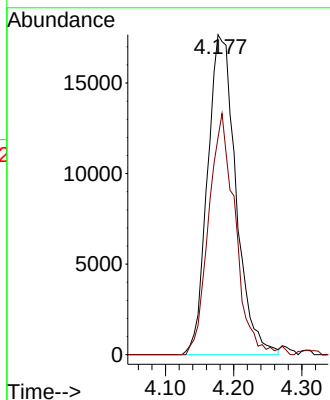
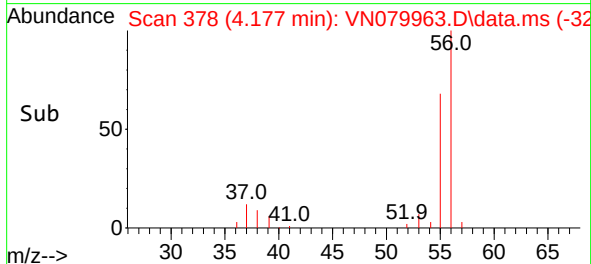
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



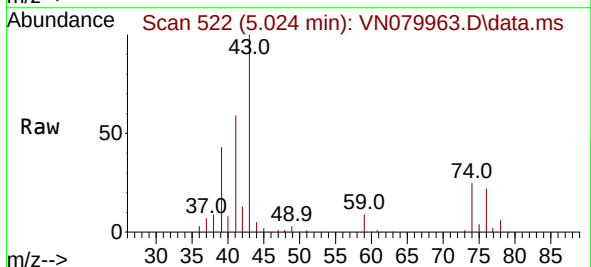
Tgt Ion: 56 Resp: 51248
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

Manual Integrations
APPROVED

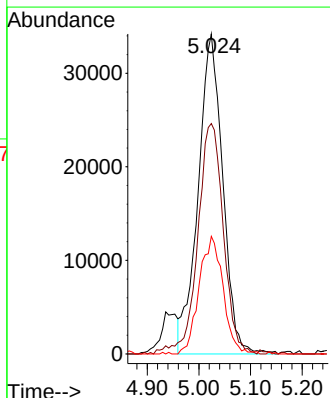
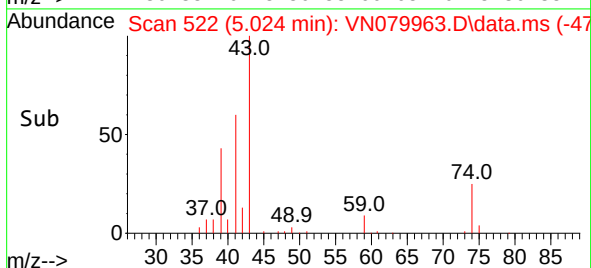
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

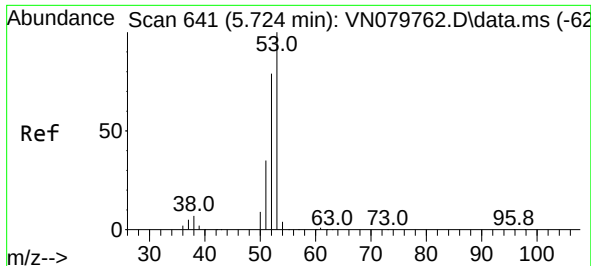


#14
Allyl chloride
Concen: 22.809 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



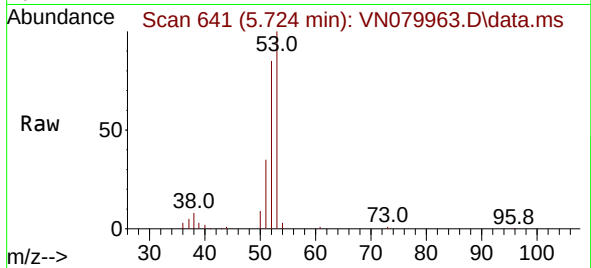
Tgt Ion: 41 Resp: 113200
Ion Ratio Lower Upper
41 100
39 74.6 58.8 88.2
76 35.7 39.1 58.7#





#15
Acrylonitrile
Concen: 120.121 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

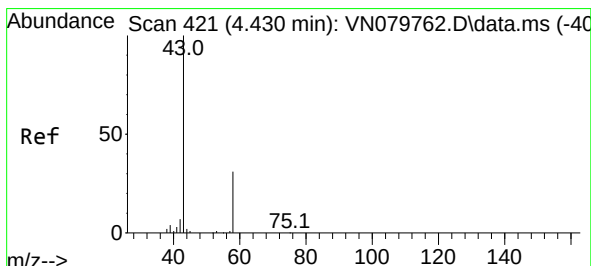
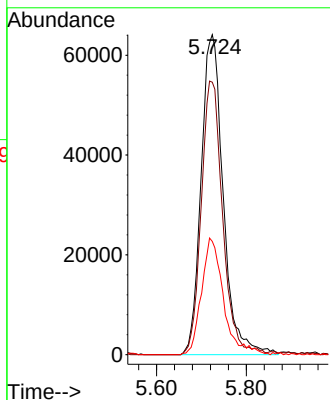
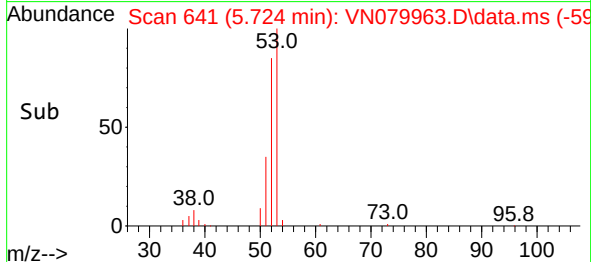
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



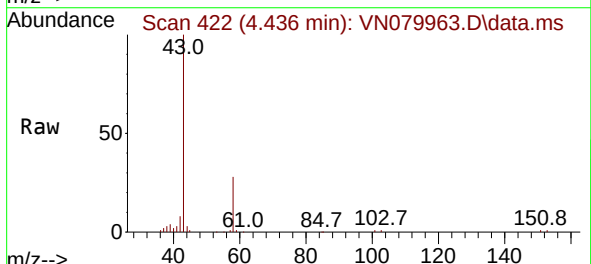
Tgt Ion: 53 Resp: 21916
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
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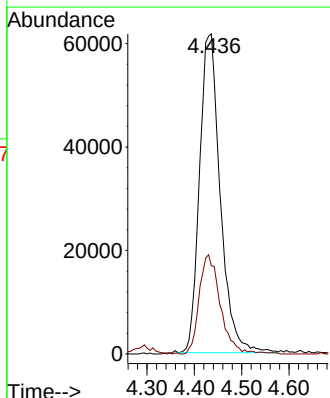
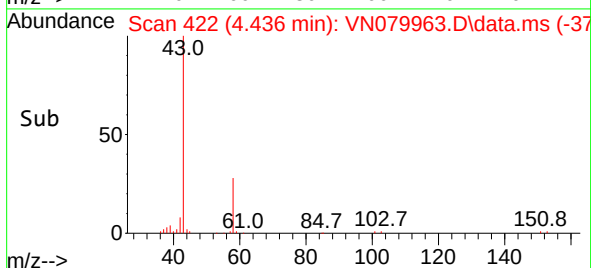
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

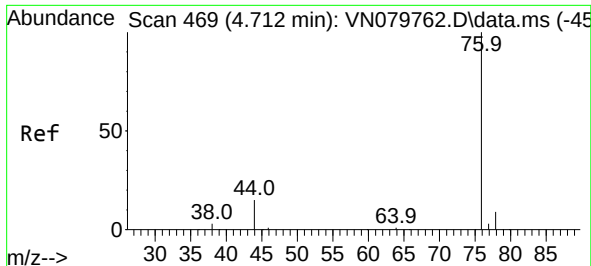


#16
Acetone
Concen: 116.126 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



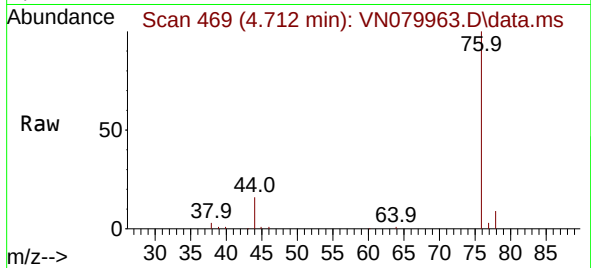
Tgt Ion: 43 Resp: 187079
Ion Ratio Lower Upper
43 100
58 27.4 28.0 42.0#





#17
Carbon Disulfide
Concen: 17.867 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

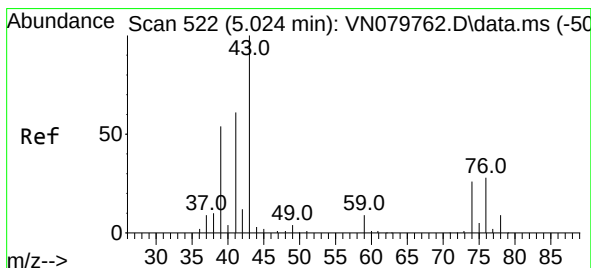
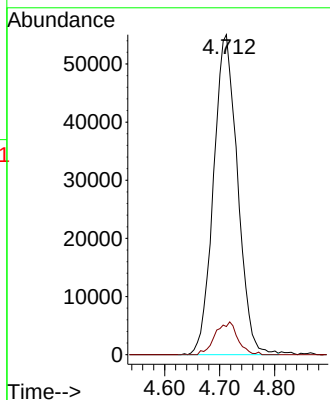
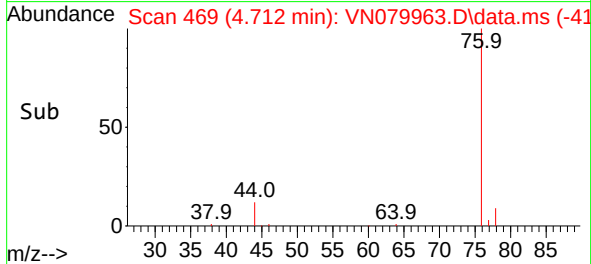
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



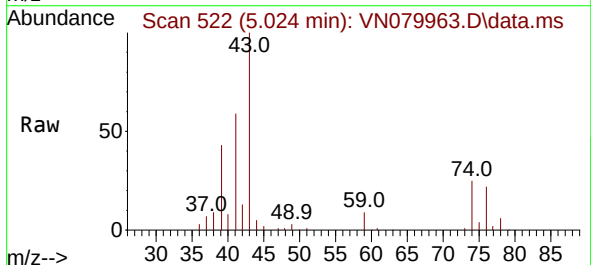
Tgt Ion: 76 Resp: 166999
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

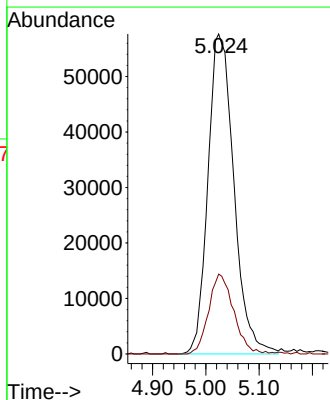
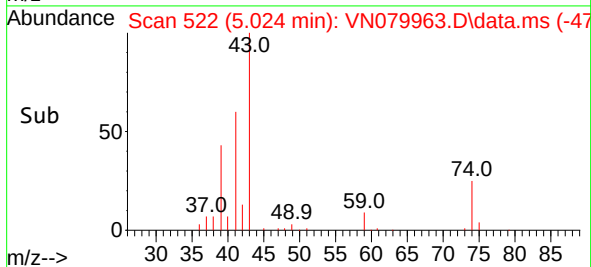
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

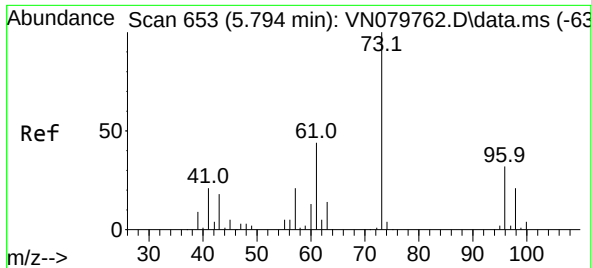


#18
Methyl Acetate
Concen: 25.276 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



Tgt Ion: 43 Resp: 194814
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





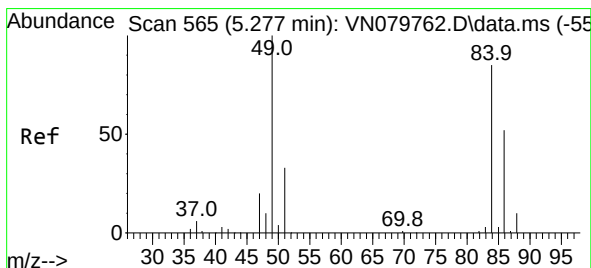
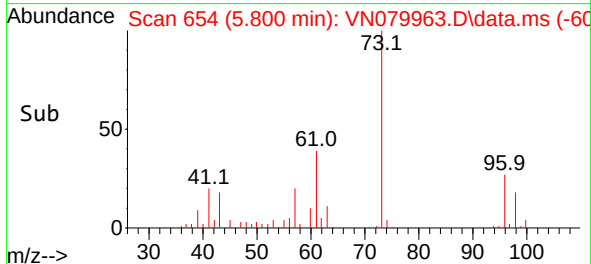
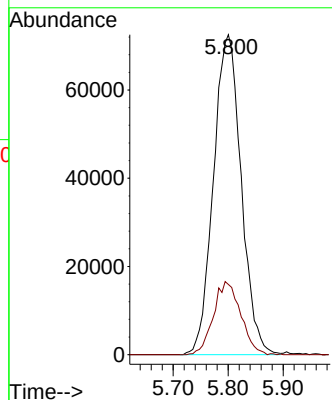
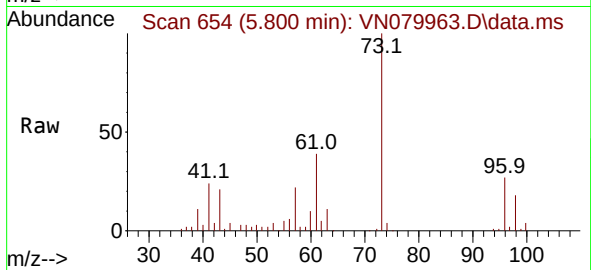
#19
Methyl tert-butyl Ether
Concen: 22.799 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion: 73 Resp: 25434
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

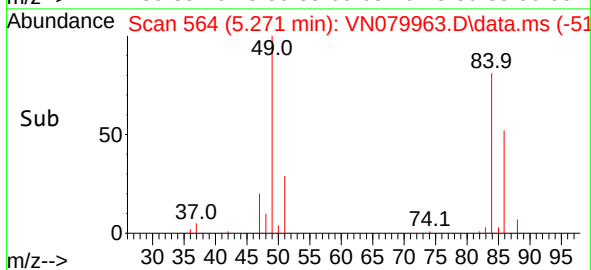
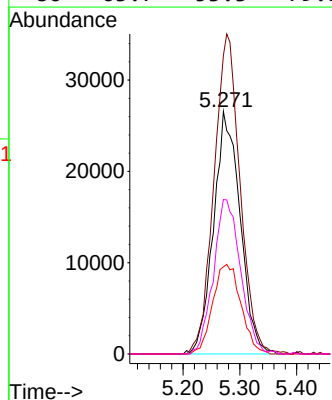
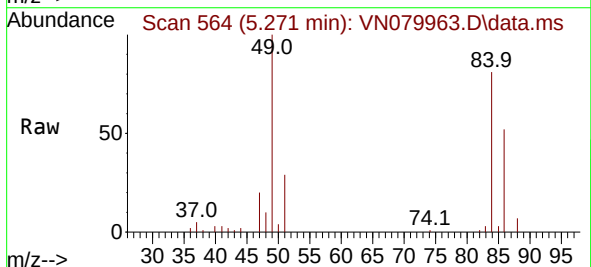
Manual Integrations
APPROVED

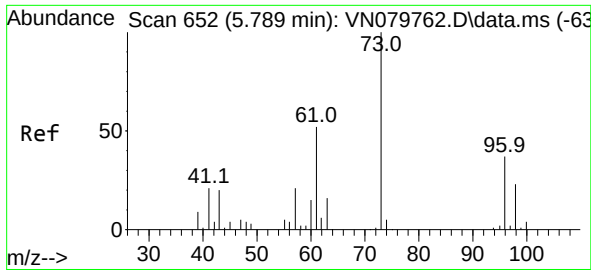
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 21.204 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 84 Resp: 86192
Ion Ratio Lower Upper
84 100
49 123.1 79.7 119.5#
51 35.9 25.2 37.8
86 63.7 53.3 79.9





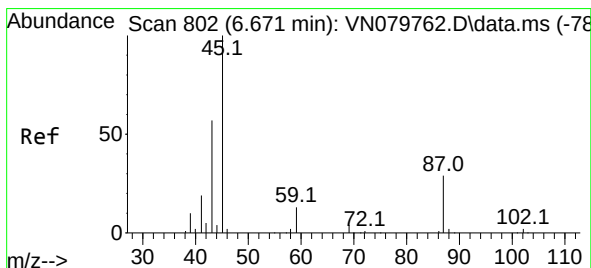
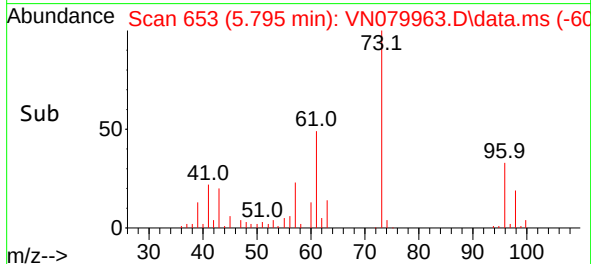
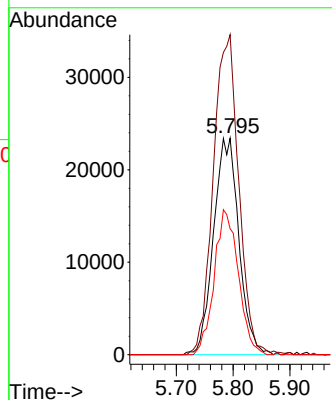
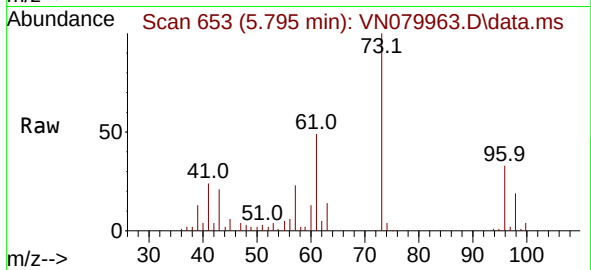
#21
trans-1,2-Dichloroethene
Concen: 20.100 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion: 96 Resp: 7263
Ion Ratio Lower Upper
96 100
61 147.8 90.1 135.1
98 58.2 46.4 69.6

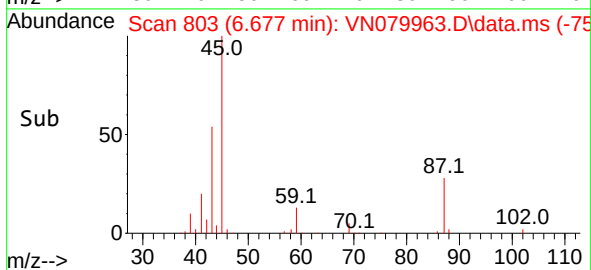
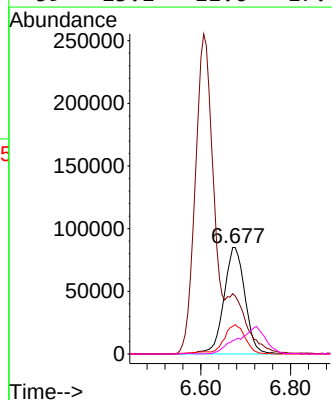
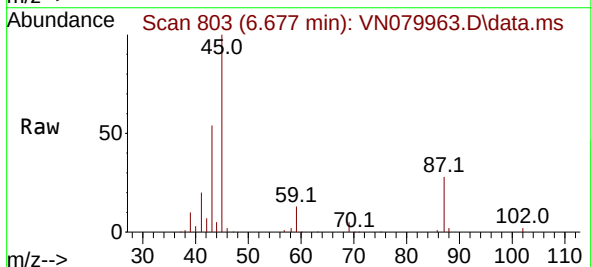
Manual Integrations
APPROVED

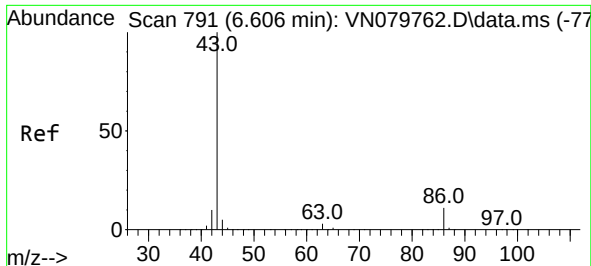
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#22
Diisopropyl ether
Concen: 24.089 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 45 Resp: 277058
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 27.6 31.8 47.8
59 13.1 11.6 17.4





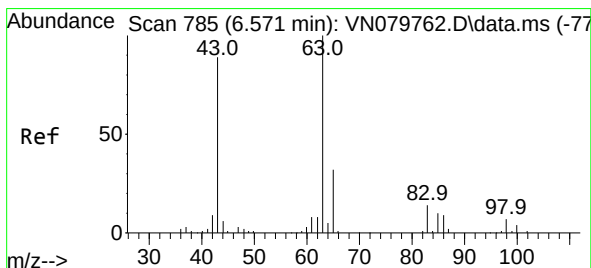
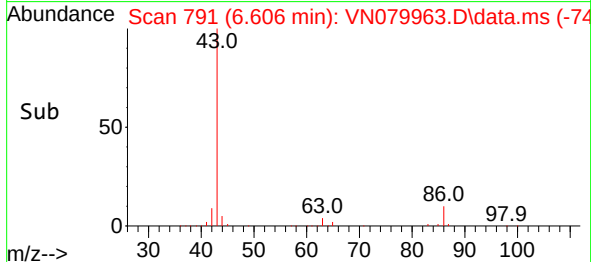
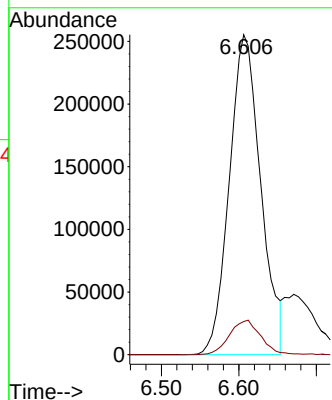
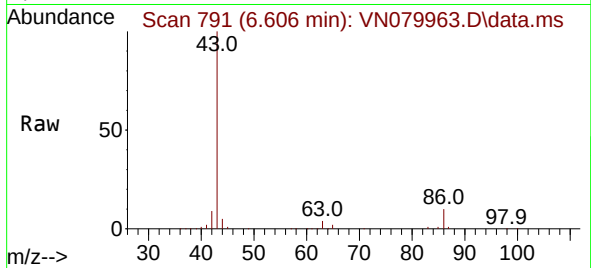
#23
 Vinyl Acetate
 Concen: 113.526 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01

Tgt Ion: 43 Resp: 720214
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

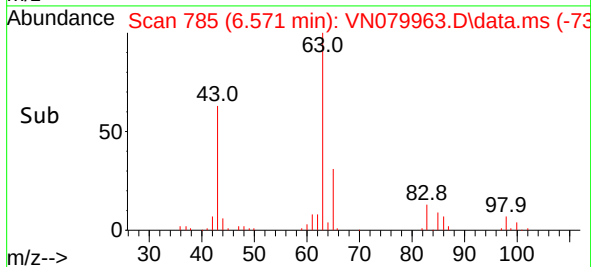
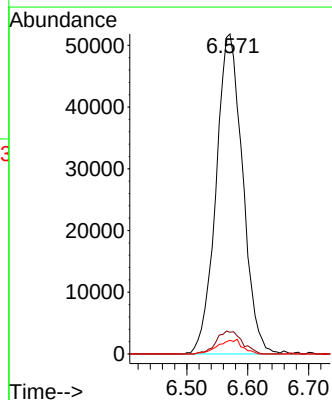
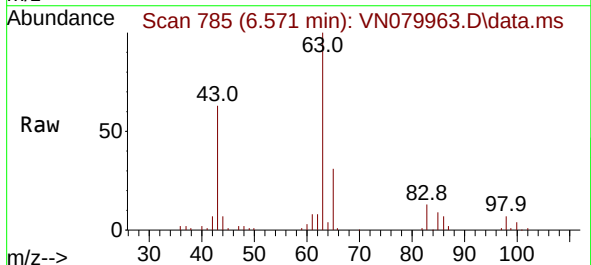
Manual Integrations
 APPROVED

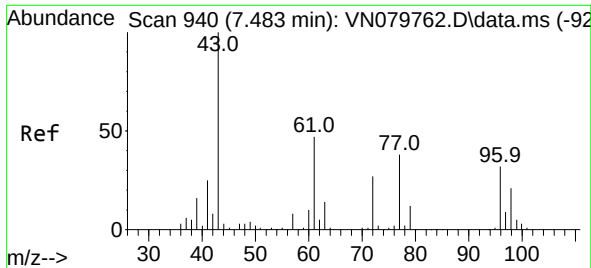
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 22.492 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

Tgt Ion: 63 Resp: 157233
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.3 2.5 7.4





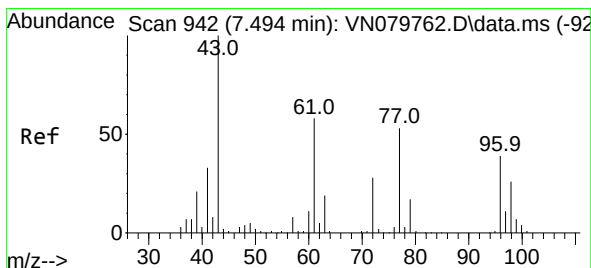
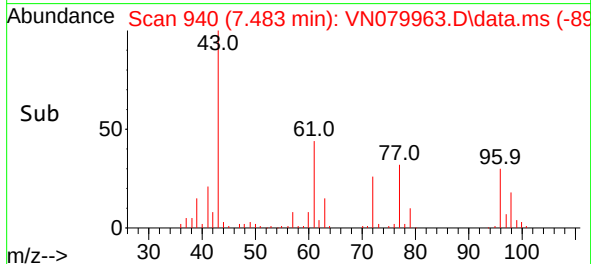
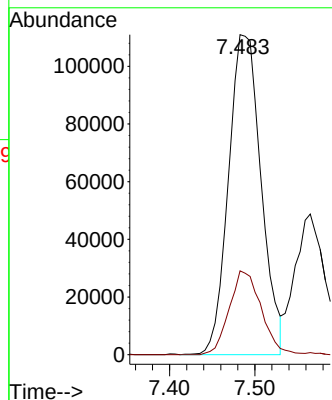
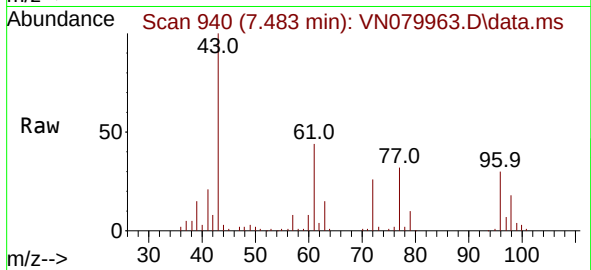
#25
2-Butanone
Concen: 125.199 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion: 43 Resp: 29535
Ion Ratio Lower Upper
43 100
72 26.2 30.2 45.2

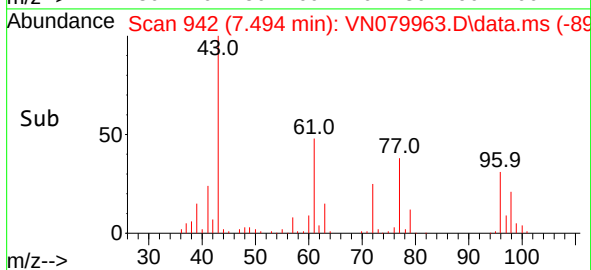
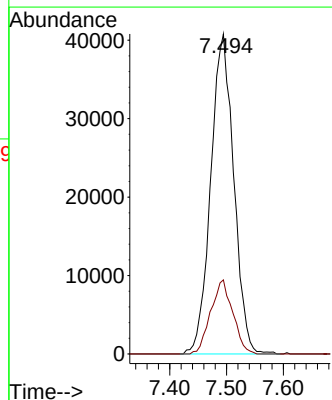
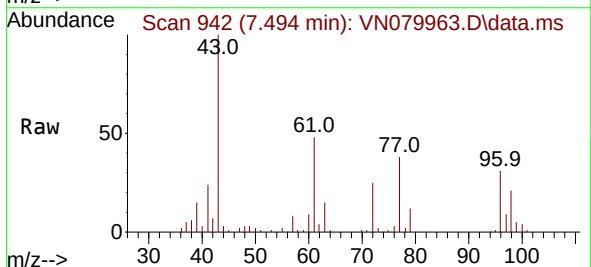
Manual Integrations
APPROVED

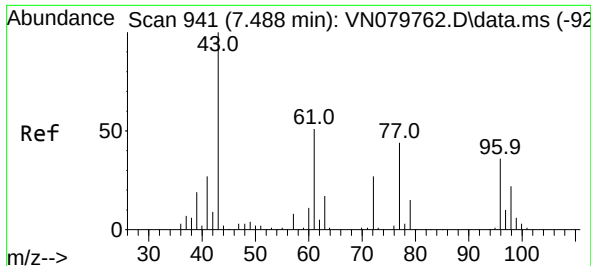
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#26
2,2-Dichloropropane
Concen: 19.846 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

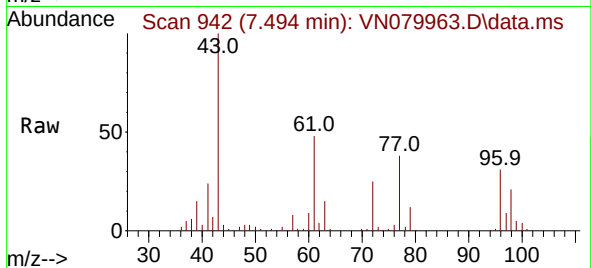
Tgt Ion: 77 Resp: 114734
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.198 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

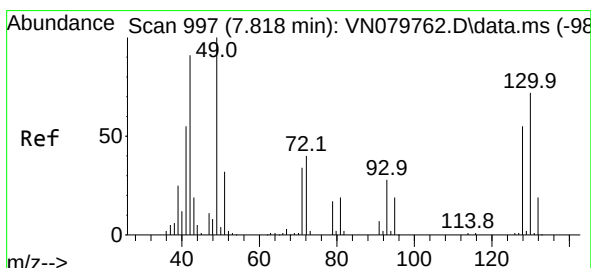
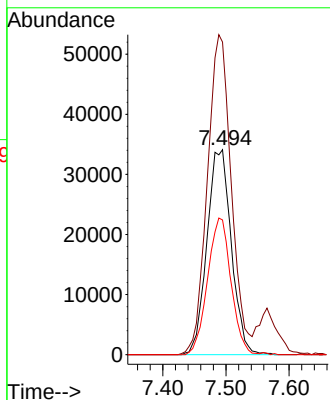
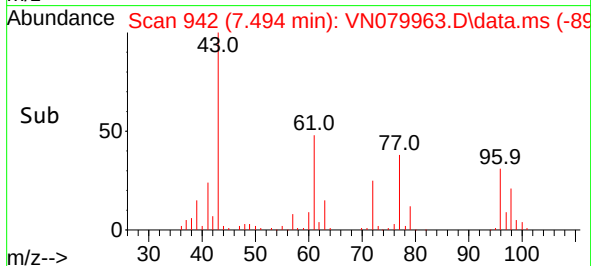
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01



Tgt Ion: 96 Resp: 9163
 Ion Ratio Lower Upper
 96 100
 61 153.3 0.0 255.2
 98 63.9 0.0 128.8

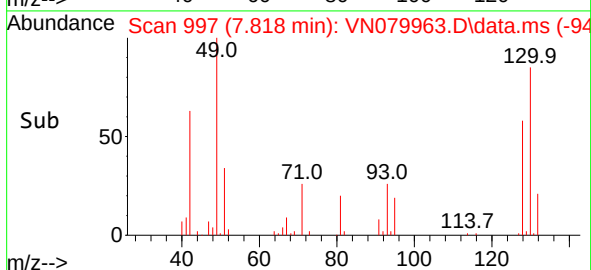
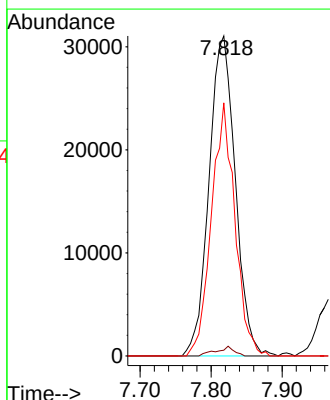
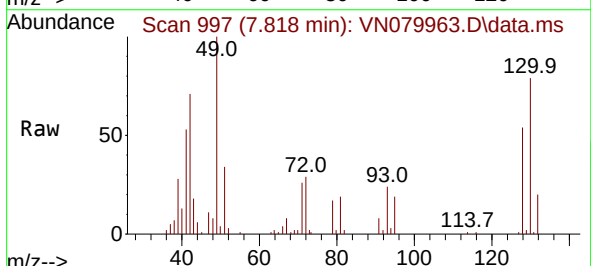
Manual Integrations
 APPROVED

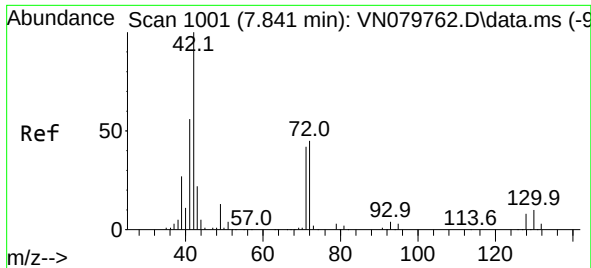
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#28
 Bromochloromethane
 Concen: 23.455 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

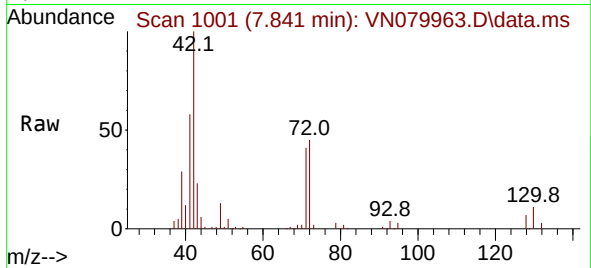
Tgt Ion: 49 Resp: 79904
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 70.5 75.3 112.9#





#29
Tetrahydrofuran
Concen: 126.699 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

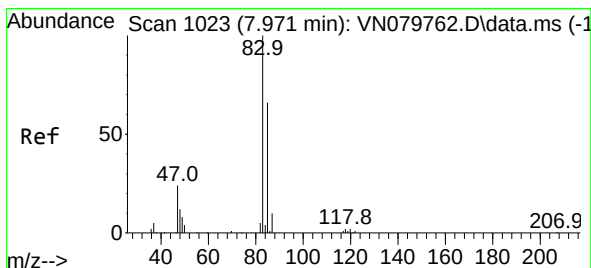
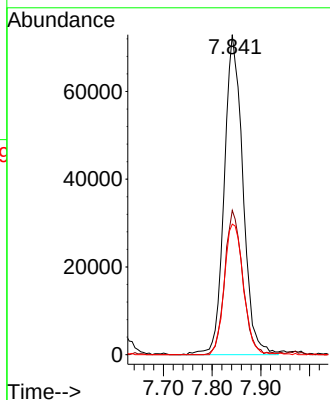
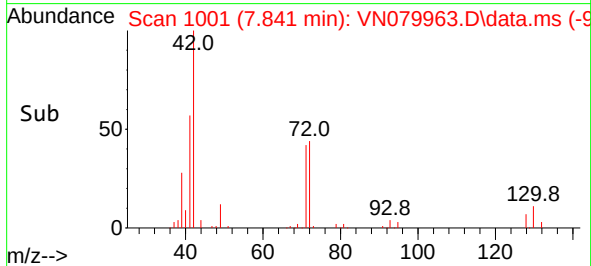
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



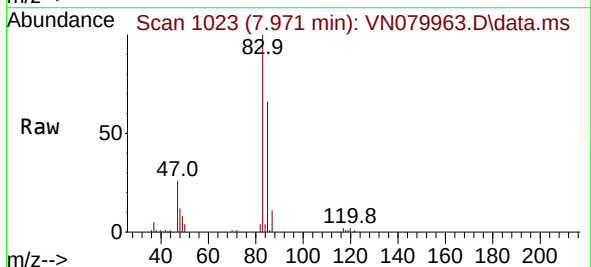
Tgt Ion: 42 Resp: 194464
Ion Ratio Lower Upper
42 100
72 43.5 49.8 74.6
71 41.8 47.4 71.2

Manual Integrations
APPROVED

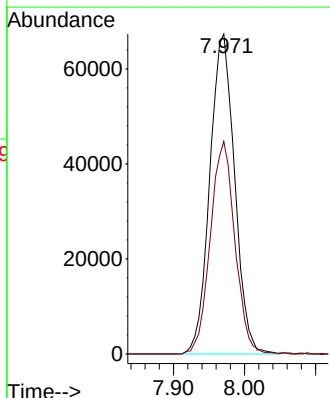
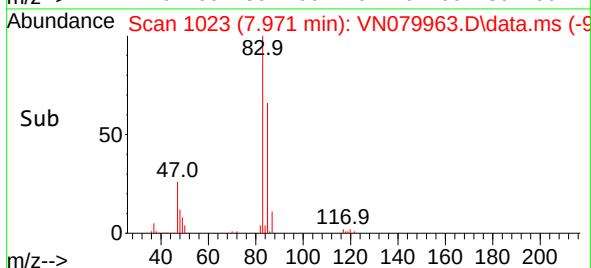
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

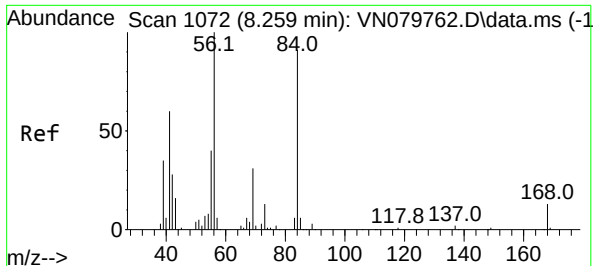


#30
Chloroform
Concen: 21.490 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



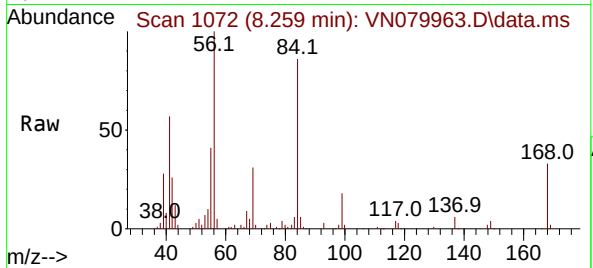
Tgt Ion: 83 Resp: 163181
Ion Ratio Lower Upper
83 100
85 66.4 55.4 83.0





#31
Cyclohexane
Concen: 19.861 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

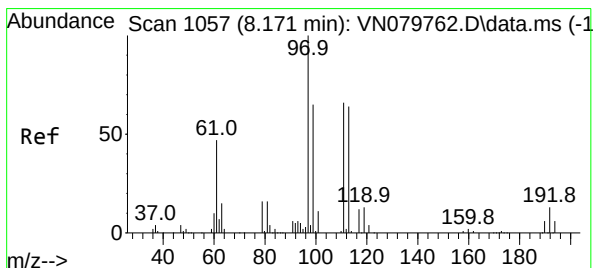
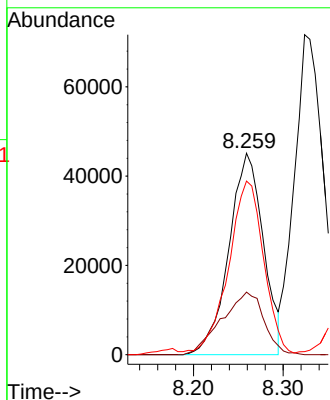
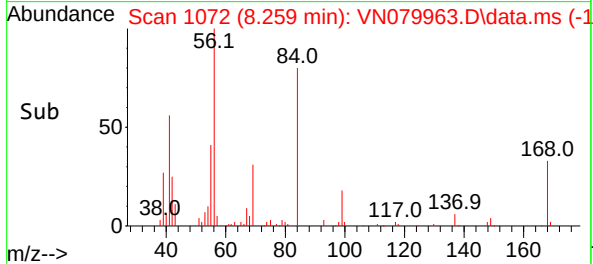
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 56 Resp: 120360
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 84.7 81.8 122.6

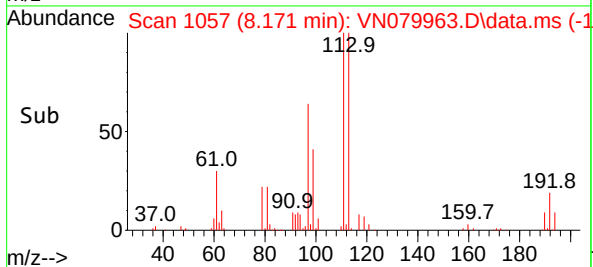
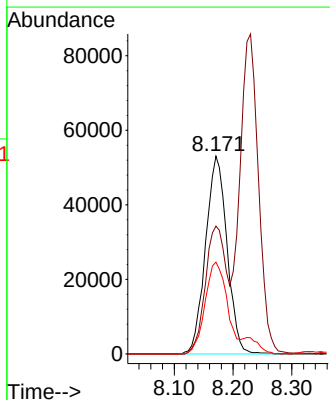
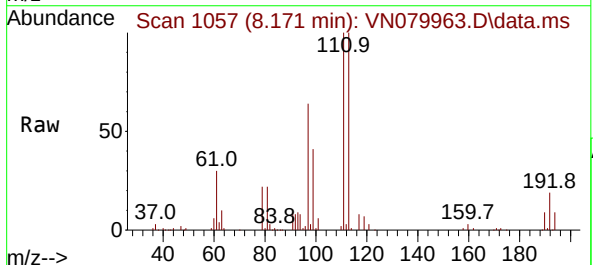
Manual Integrations
APPROVED

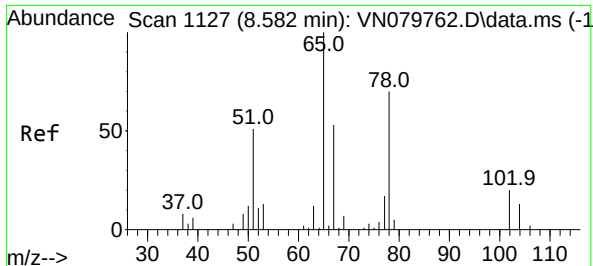
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#32
1,1,1-Trichloroethane
Concen: 21.791 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 97 Resp: 134823
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 48.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.575 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion: 65 Resp: 26864

Ion Ratio Lower Upper

65 100

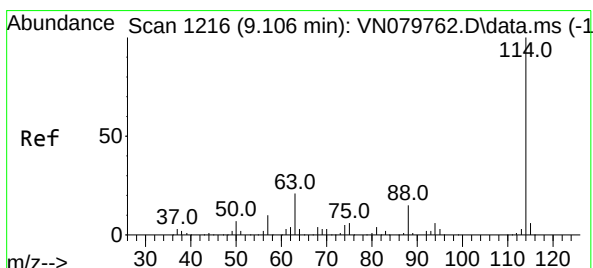
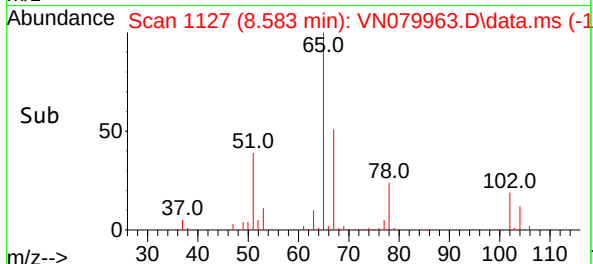
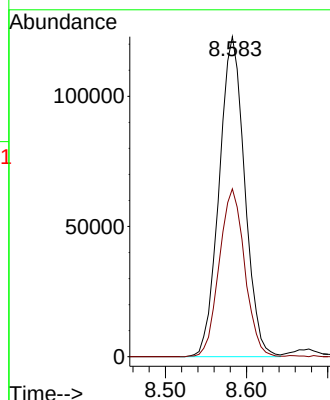
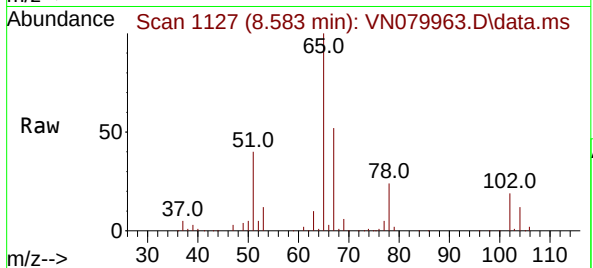
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

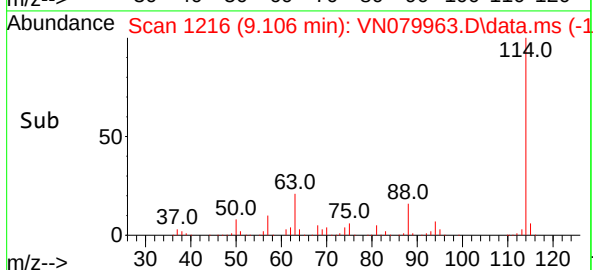
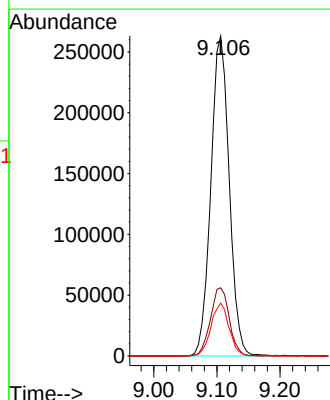
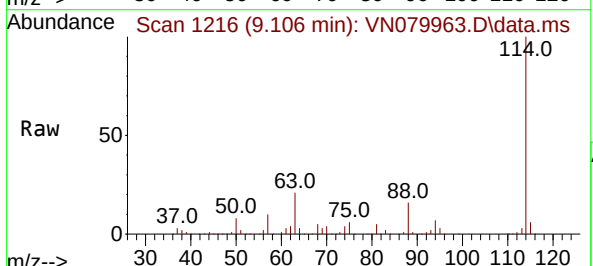
Tgt Ion:114 Resp: 531816

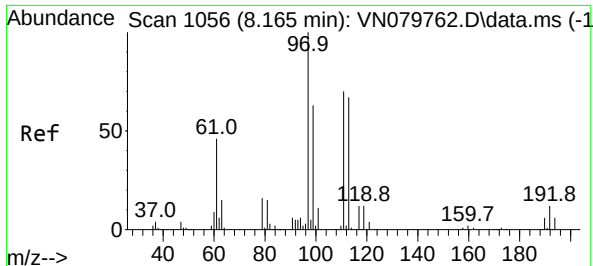
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.889 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion: 113 Resp: 20283

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

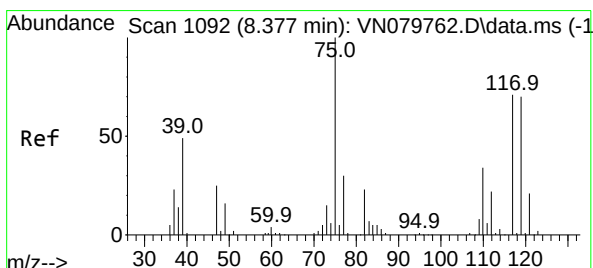
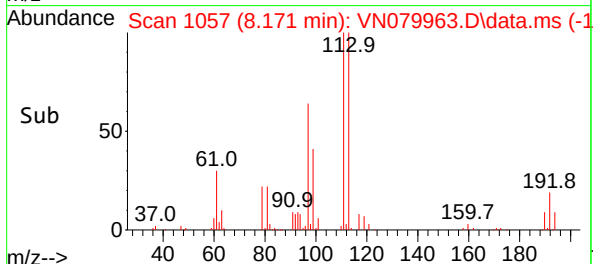
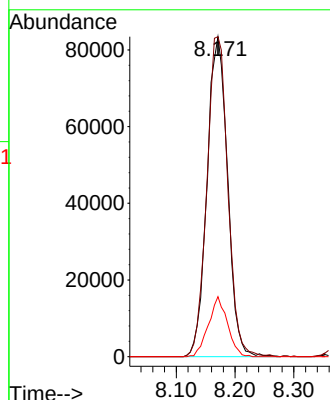
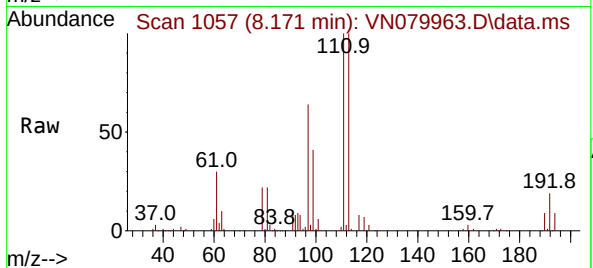
192 17.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 20.619 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

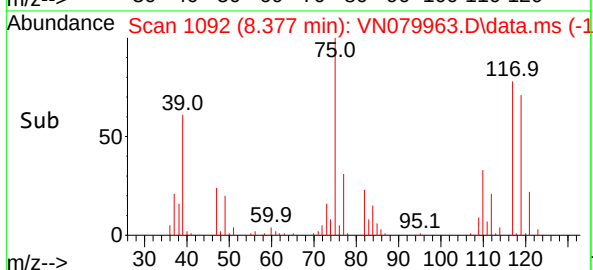
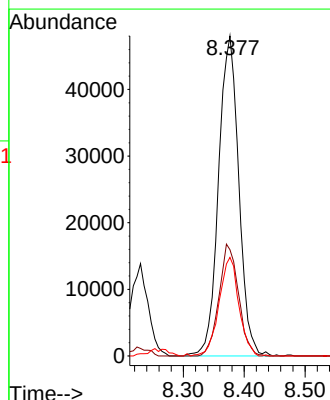
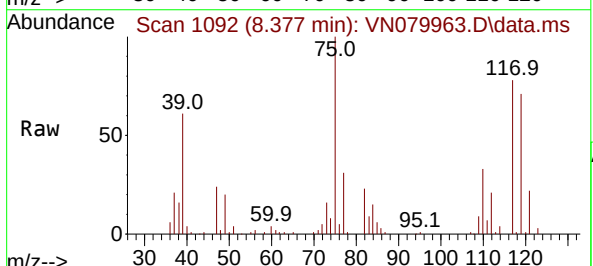
Tgt Ion: 75 Resp: 110814

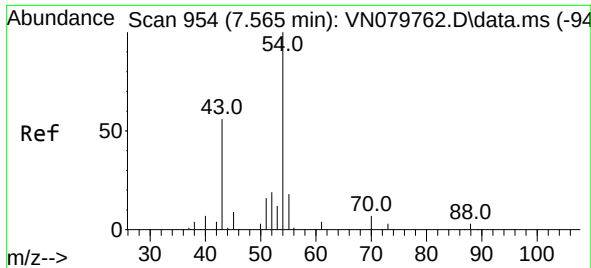
Ion Ratio Lower Upper

75 100

110 33.8 19.1 57.3

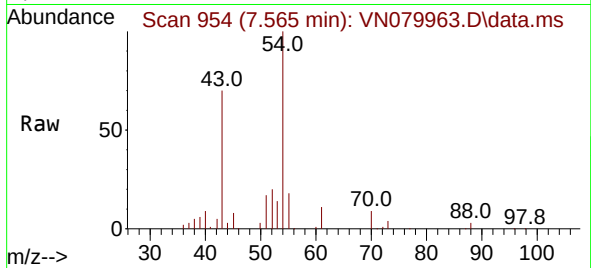
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 25.487 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

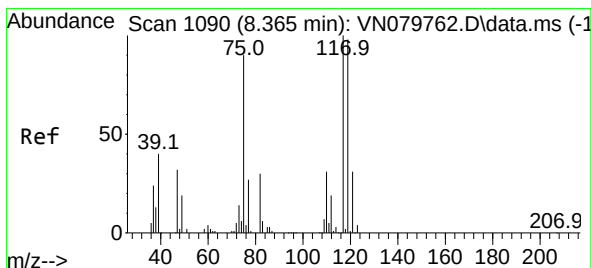
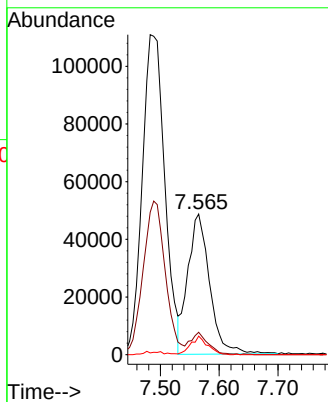
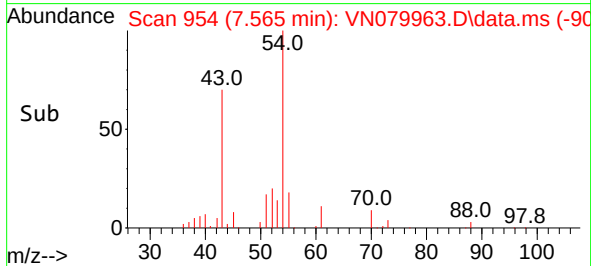
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 43 Resp: 12562
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8
70 10.1 11.3 16.9

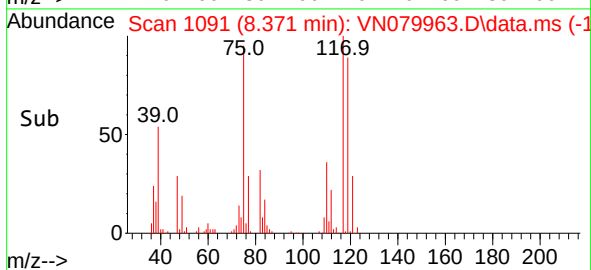
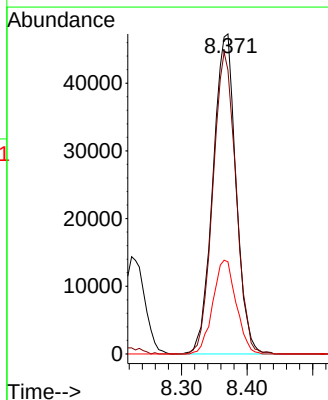
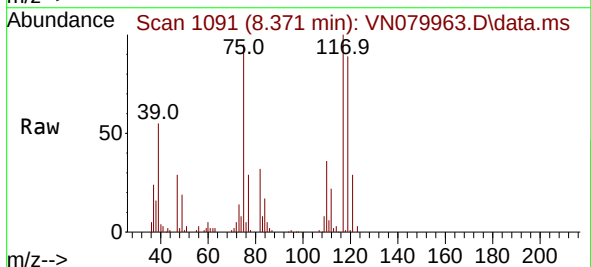
Manual Integrations
APPROVED

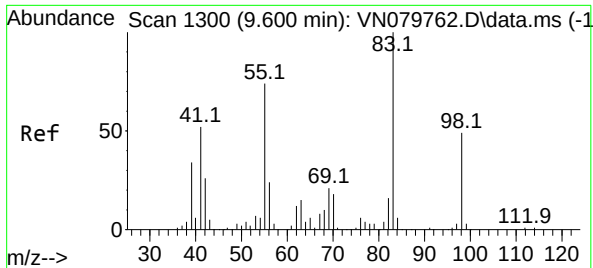
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 21.260 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

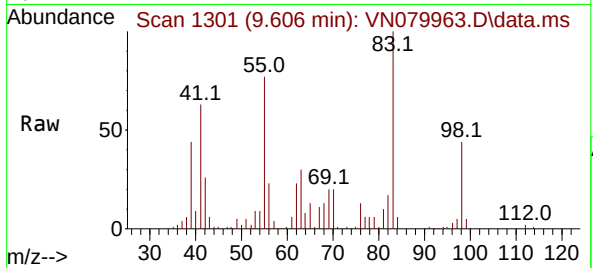
Tgt Ion:117 Resp: 115152
Ion Ratio Lower Upper
117 100
119 88.7 77.3 115.9
121 28.8 23.3 34.9





#39
Methylcyclohexane
Concen: 19.991 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

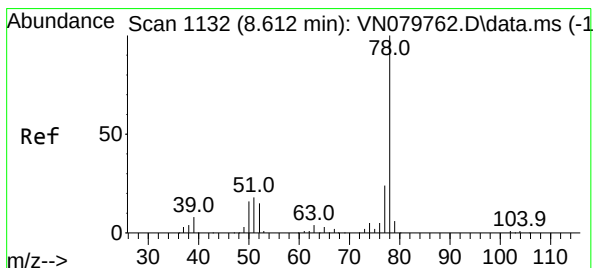
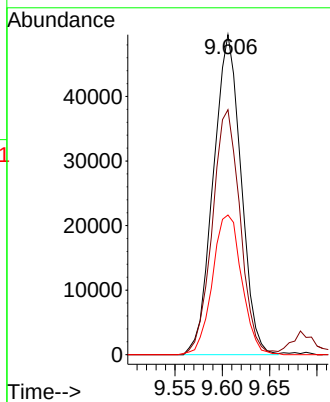
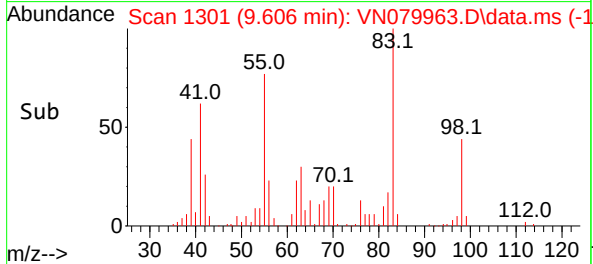
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 83 Resp: 101110
Ion Ratio Lower Upper
83 100
55 76.6 49.1 73.7
98 43.7 40.6 61.0

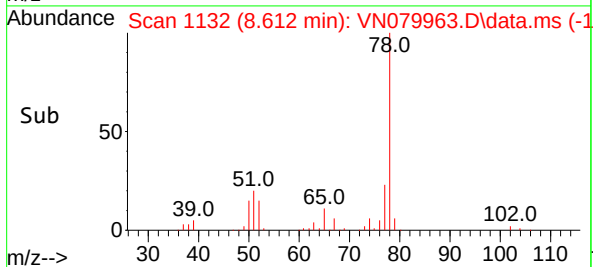
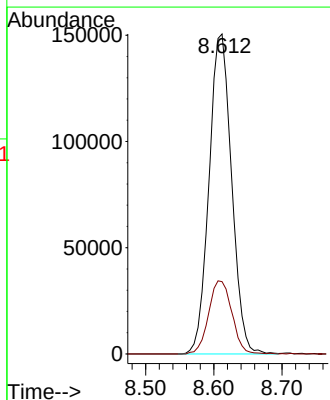
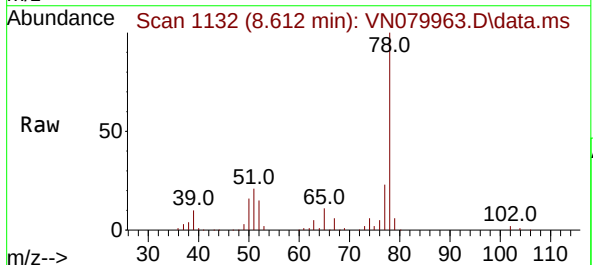
Manual Integrations
APPROVED

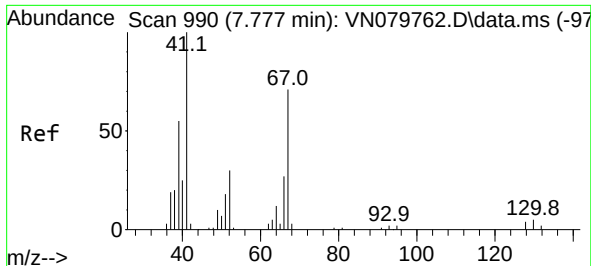
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#40
Benzene
Concen: 21.571 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

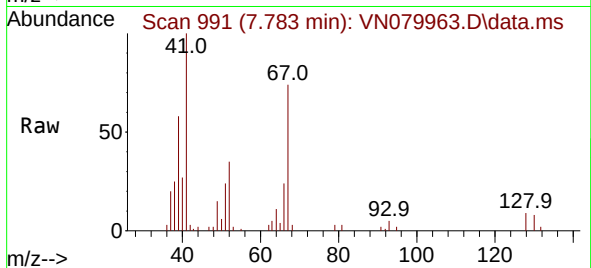
Tgt Ion: 78 Resp: 347226
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 25.765 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

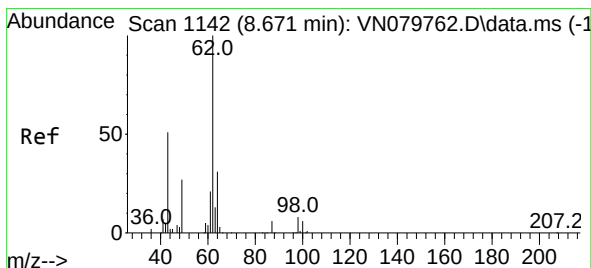
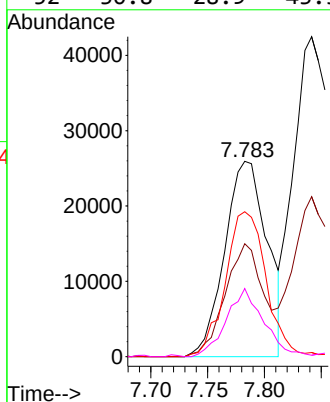
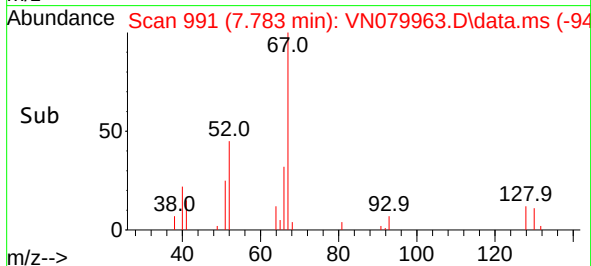
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



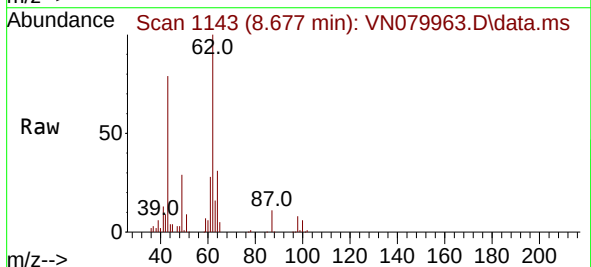
Tgt Ion: 41 Resp: 67430
Ion Ratio Lower Upper
41 100
39 50.7 42.6 64.0
67 71.5 77.5 116.3
52 30.8 28.9 43.3

Manual Integrations
APPROVED

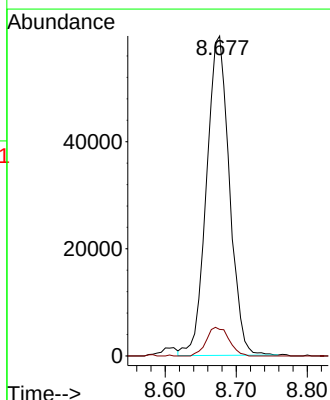
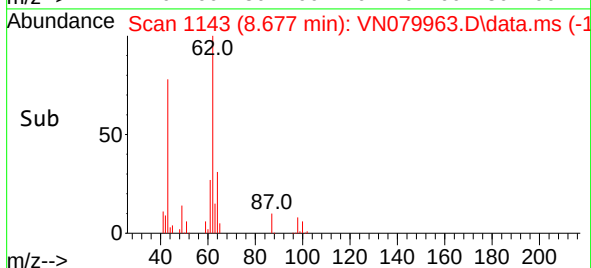
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

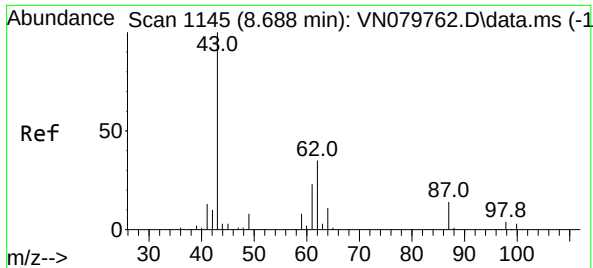


#42
1,2-Dichloroethane
Concen: 23.735 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



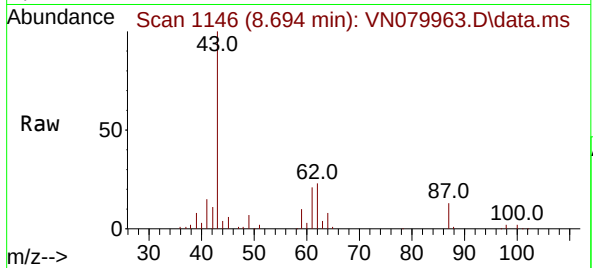
Tgt Ion: 62 Resp: 133453
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 24.202 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

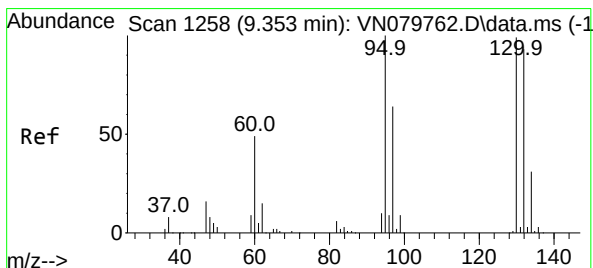
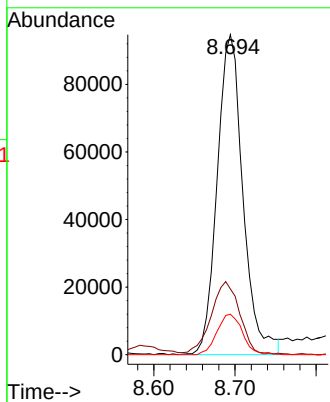
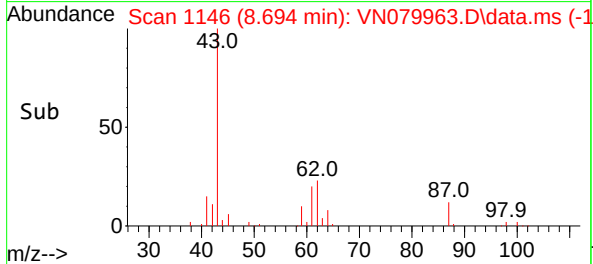
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 43 Resp: 209190
Ion Ratio Lower Upper
43 100
61 25.6 24.7 37.1
87 12.4 14.6 21.8

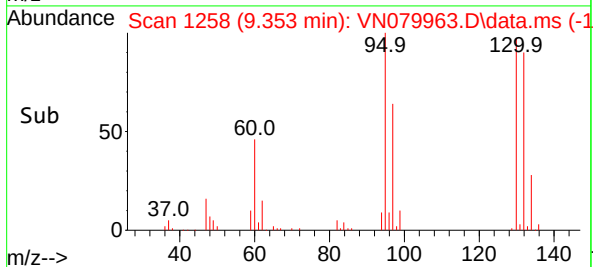
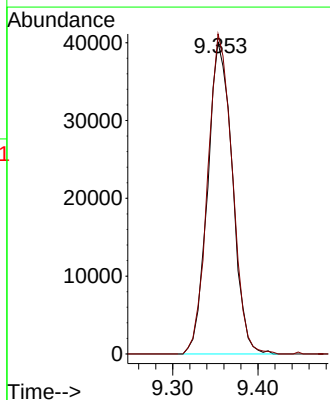
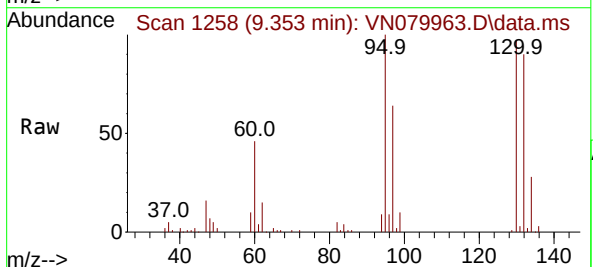
Manual Integrations
APPROVED

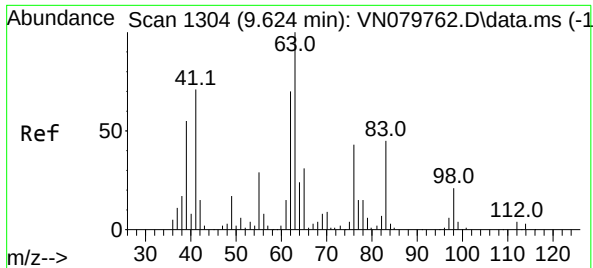
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 20.229 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion:130 Resp: 80802
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.983 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion: 63 Resp: 9454

Ion Ratio Lower Upper

63 100

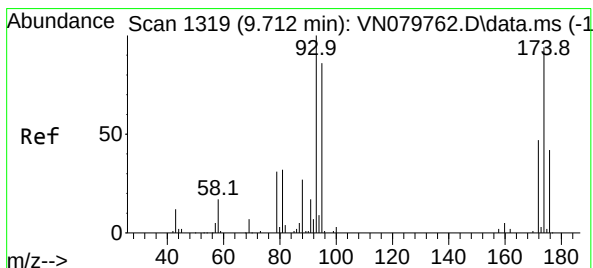
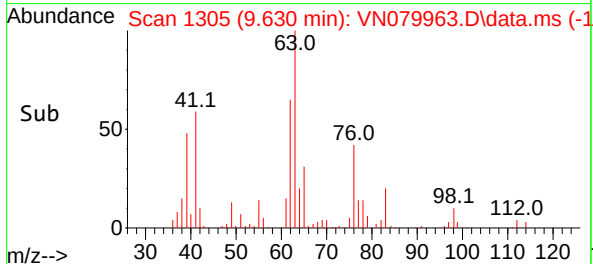
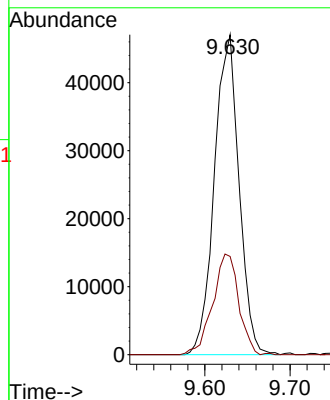
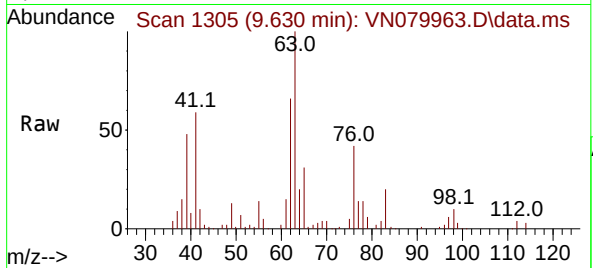
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 22.762 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

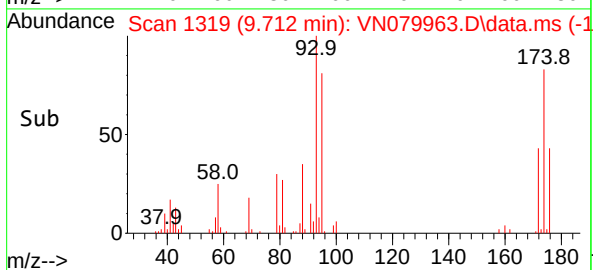
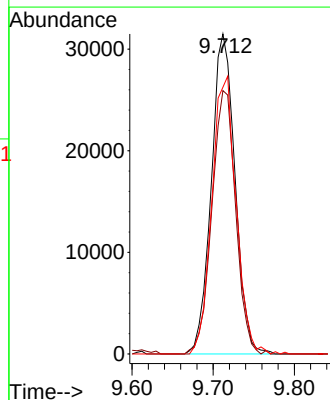
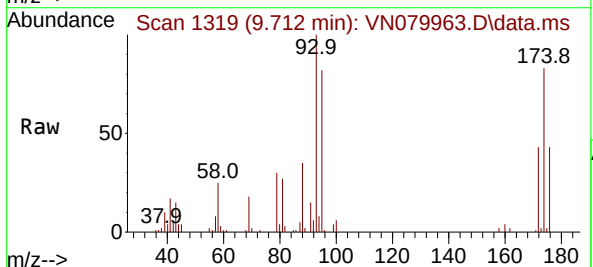
Tgt Ion: 93 Resp: 63935

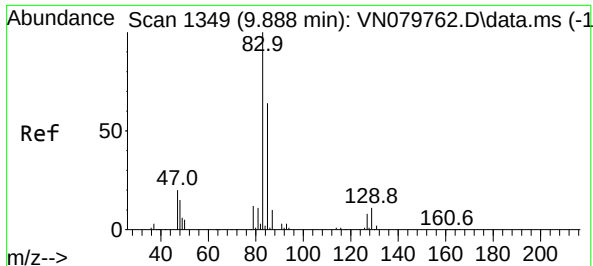
Ion Ratio Lower Upper

93 100

95 82.6 63.8 95.8

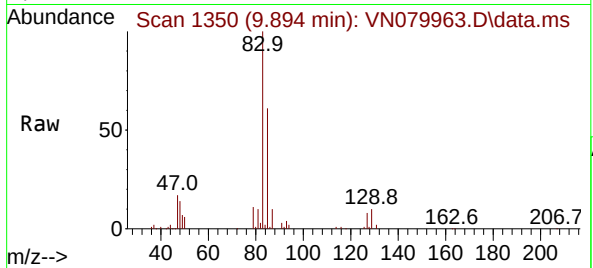
174 88.9 65.6 98.4





#47
Bromodichloromethane
Concen: 21.782 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

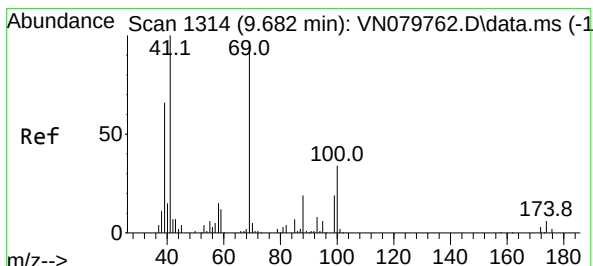
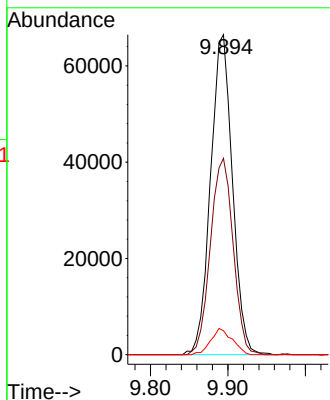
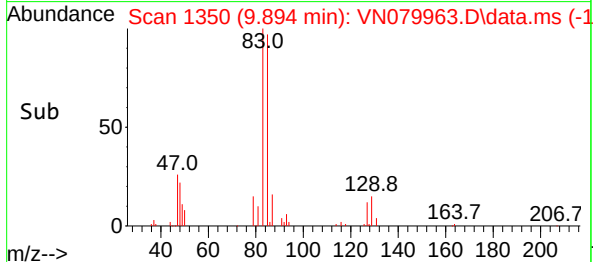
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 83 Resp: 130484
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 7.5 7.0 10.6

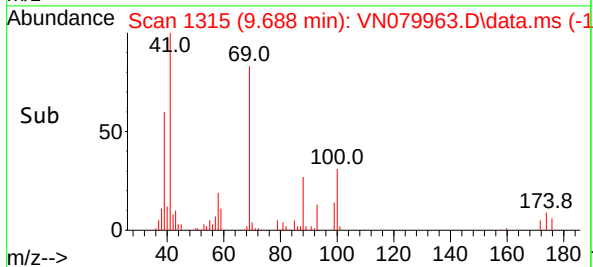
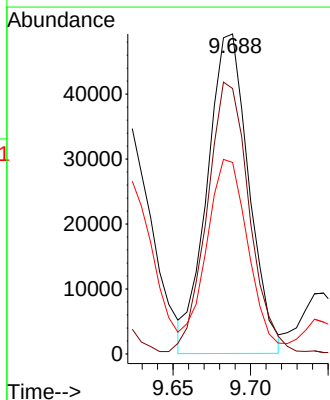
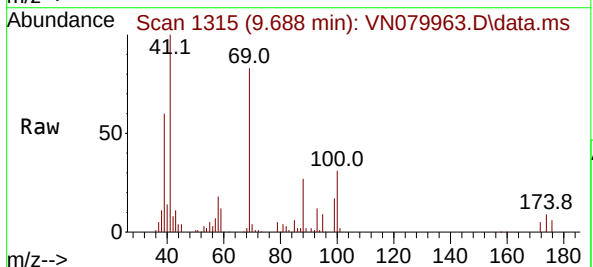
Manual Integrations
APPROVED

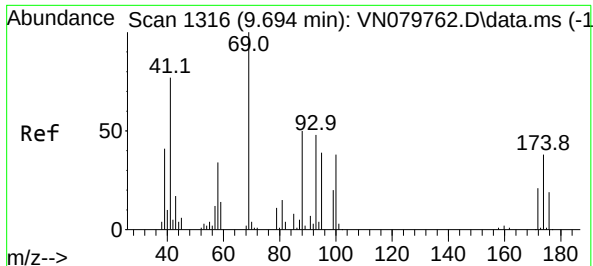
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#48
Methyl methacrylate
Concen: 24.220 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 41 Resp: 91701
Ion Ratio Lower Upper
41 100
69 87.3 90.4 135.6#
39 62.4 54.6 81.8





#49

1,4-Dioxane

Concen: 539.926 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

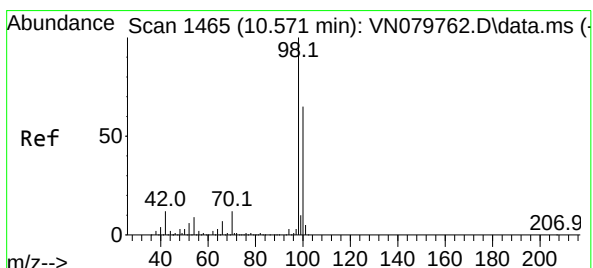
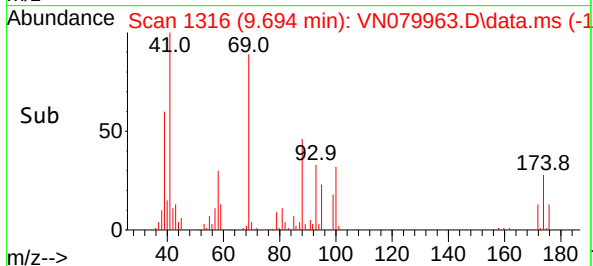
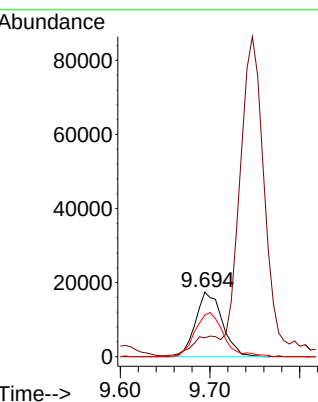
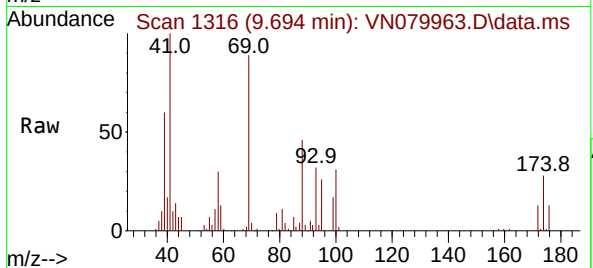
Tgt Ion: 88 Resp: 3612
 Ion Ratio Lower Upper
 88 100
 43 31.4 17.0 25.6
 58 73.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 52.877 ug/l

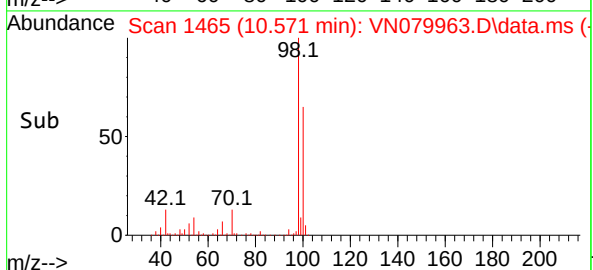
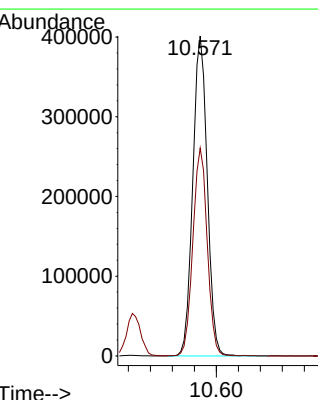
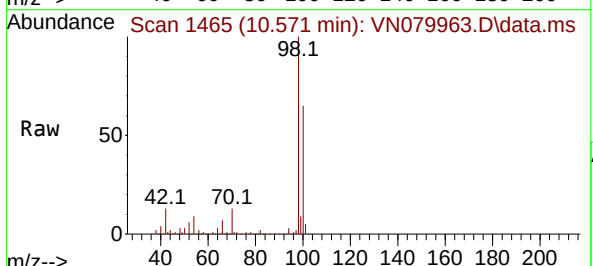
RT: 10.571 min Scan# 1465

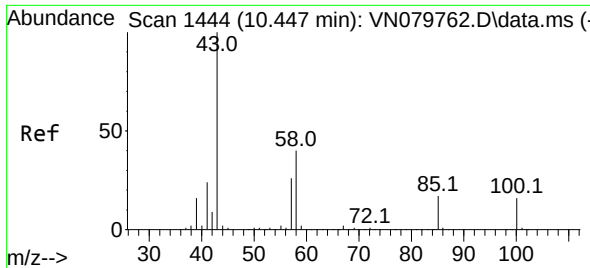
Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

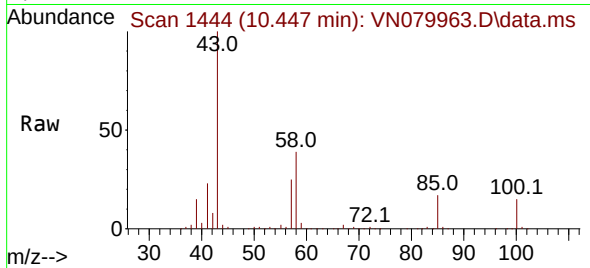
Tgt Ion: 98 Resp: 732693
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 128.239 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

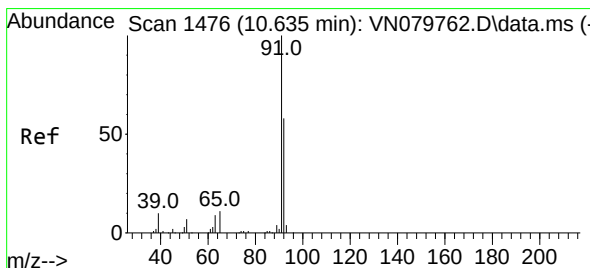
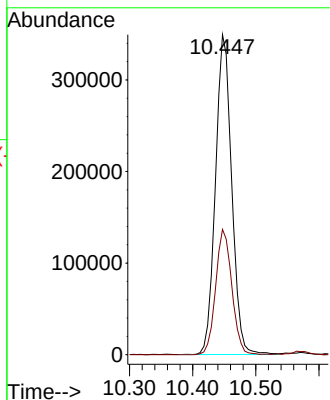
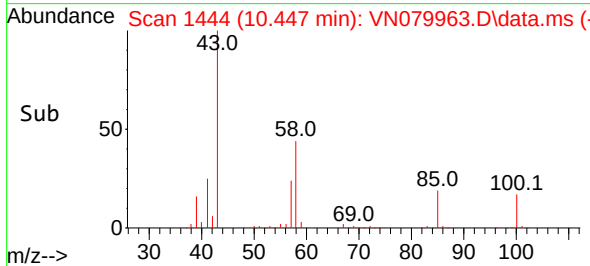
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 43 Resp: 624059
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8

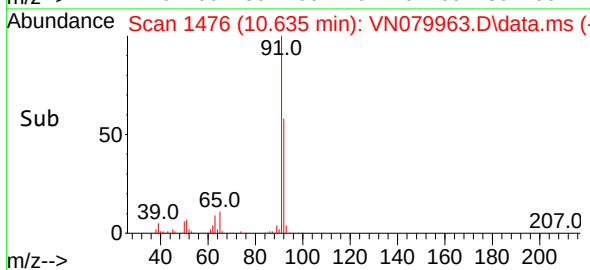
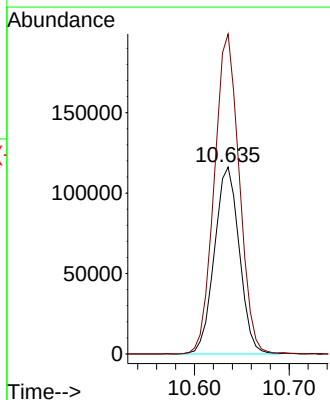
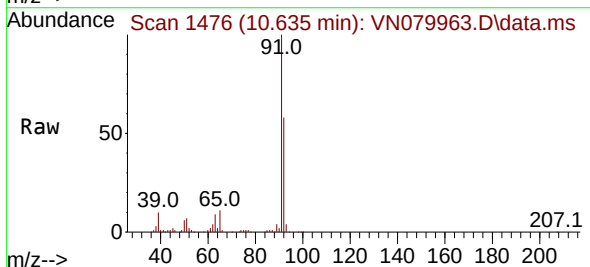
Manual Integrations
APPROVED

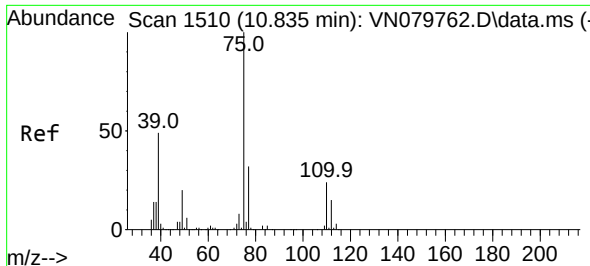
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 22.221 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

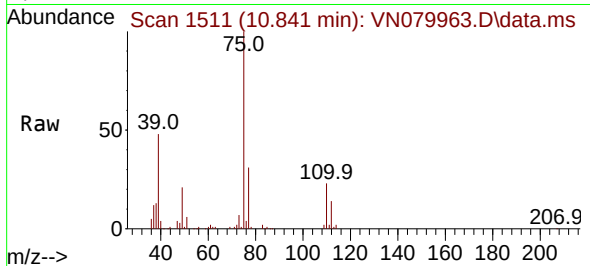
Tgt Ion: 92 Resp: 212051
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 22.477 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

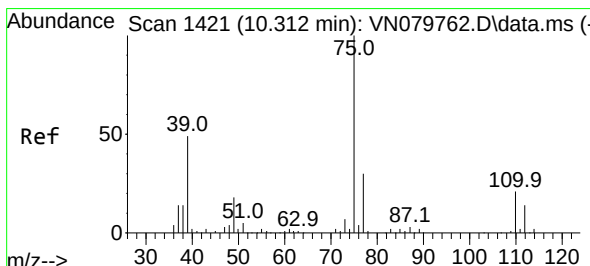
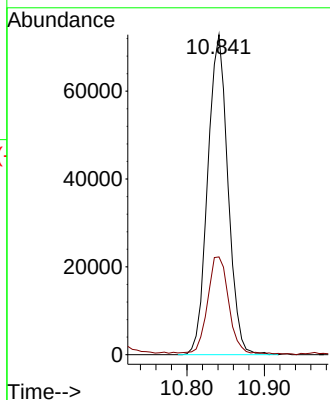
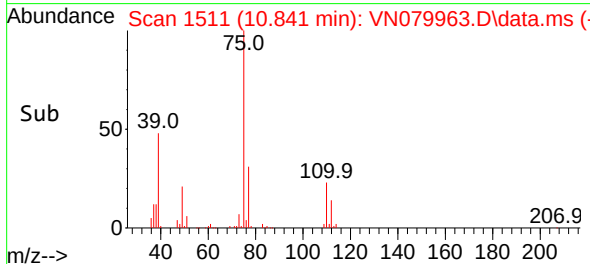
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 75 Resp: 131998
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

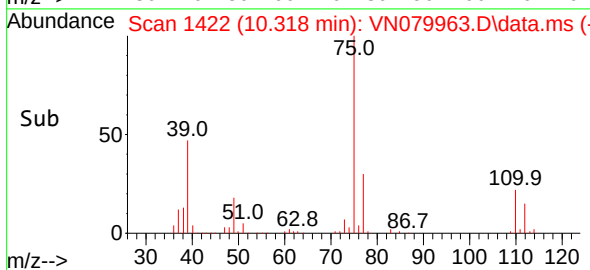
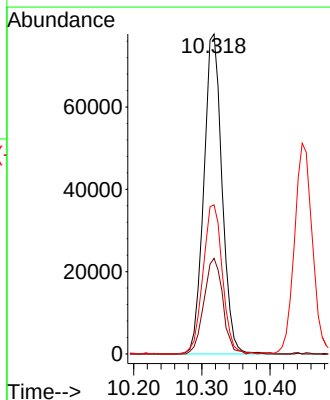
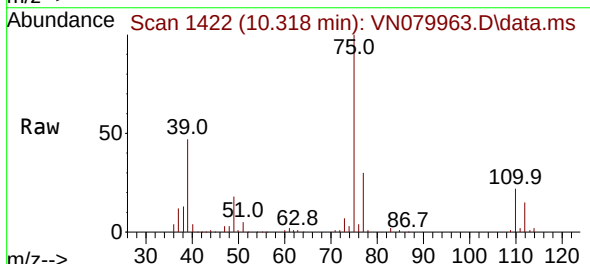
Manual Integrations
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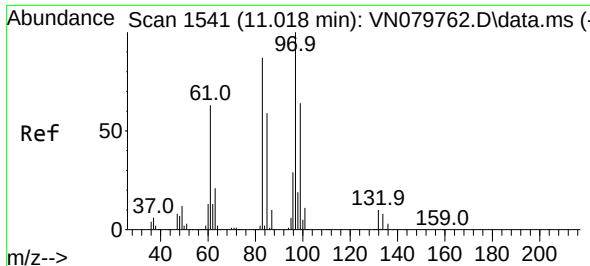
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#54
cis-1,3-Dichloropropene
Concen: 22.573 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

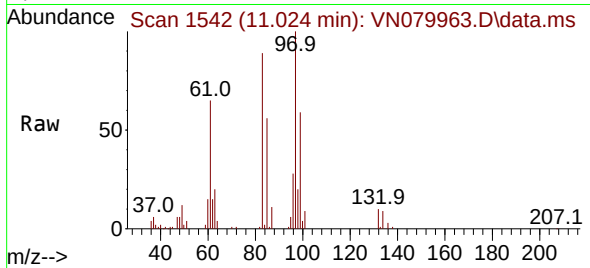
Tgt Ion: 75 Resp: 144488
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 46.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 23.140 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

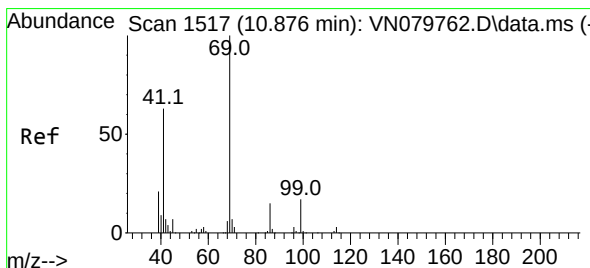
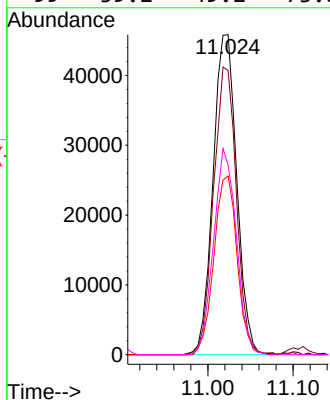
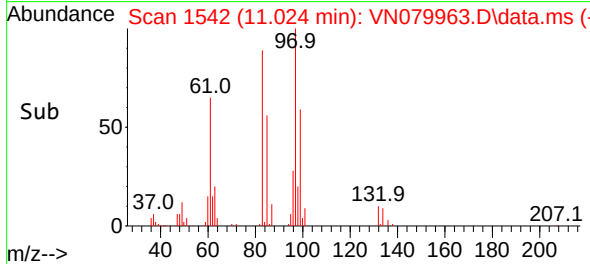
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 97 Resp: 88818
Ion Ratio Lower Upper
97 100
83 88.8 65.1 97.7
85 55.9 43.4 65.2
99 59.2 49.2 73.8

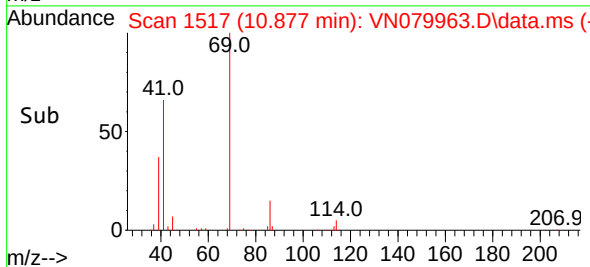
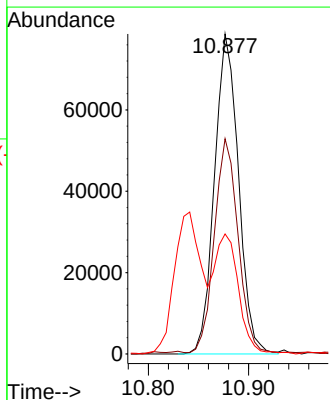
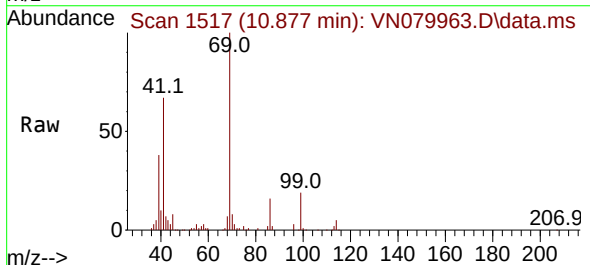
Manual Integrations
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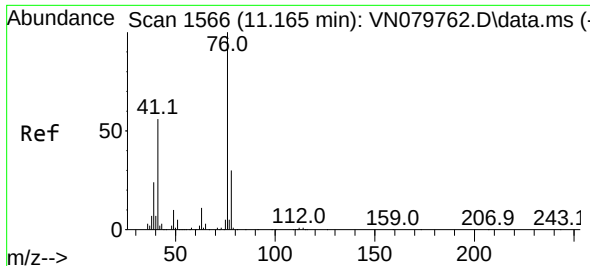
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 23.898 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 69 Resp: 130840
Ion Ratio Lower Upper
69 100
41 65.7 39.6 59.4#
39 38.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 23.153 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion: 76 Resp: 15664

Ion Ratio Lower Upper

76 100

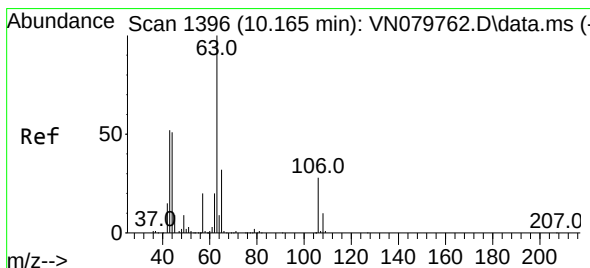
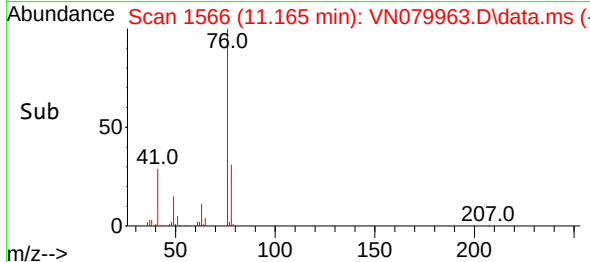
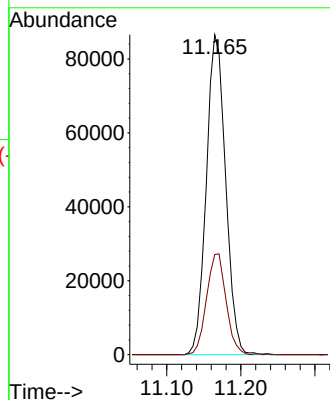
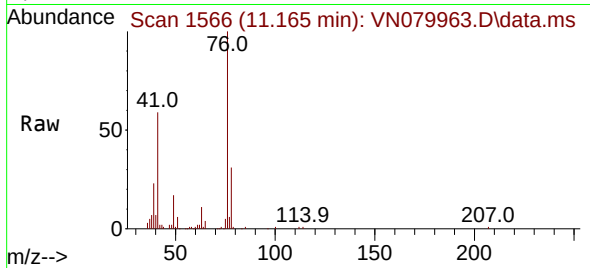
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.591 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079963.D

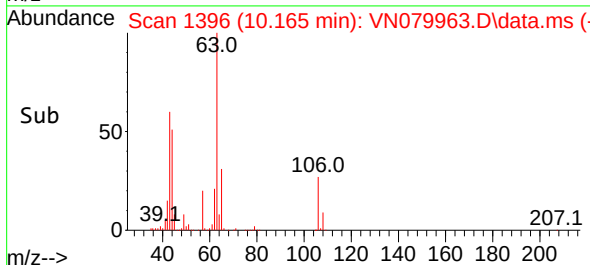
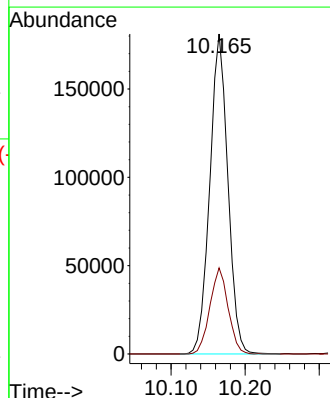
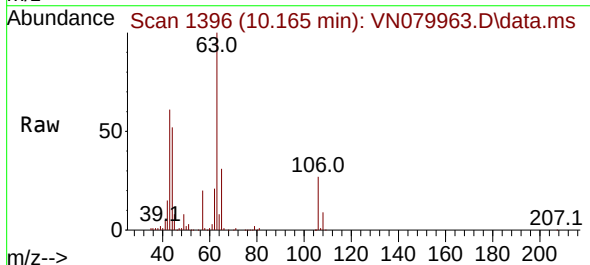
Acq: 07 Nov 2023 14:34

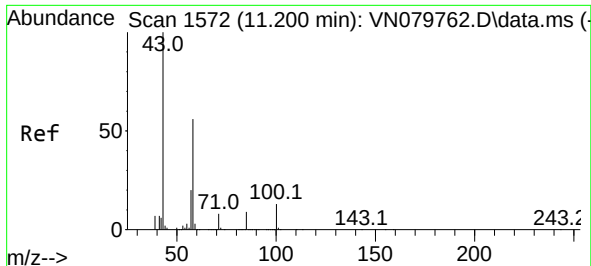
Tgt Ion: 63 Resp: 306882

Ion Ratio Lower Upper

63 100

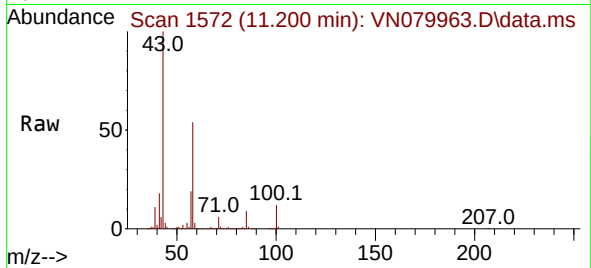
106 27.0 26.2 39.4





#59
2-Hexanone
Concen: 121.222 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

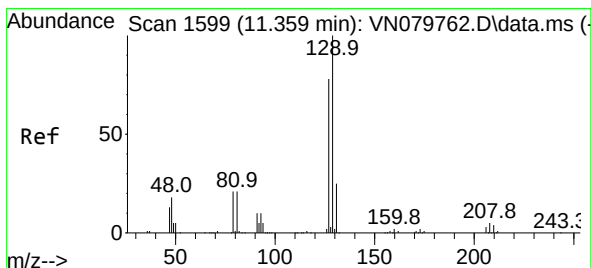
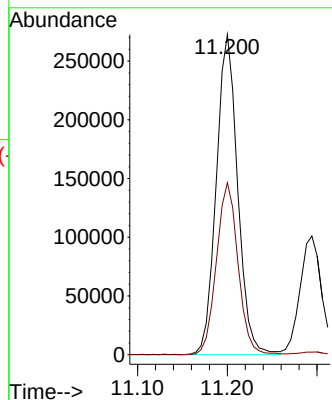
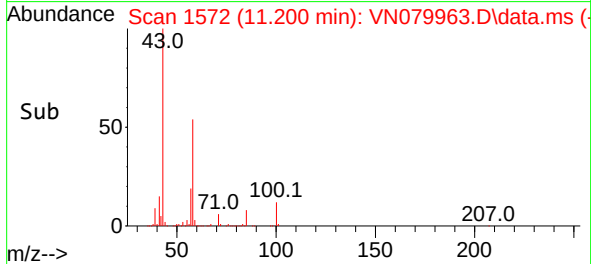
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 43 Resp: 451284
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1

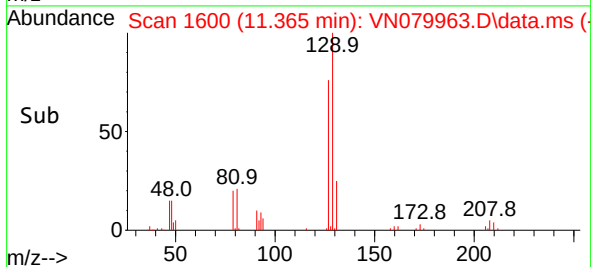
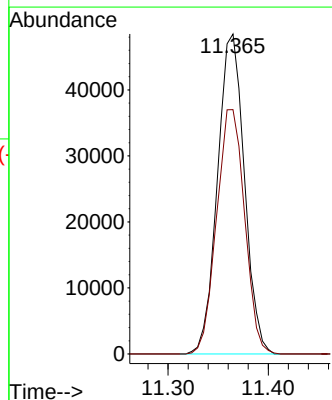
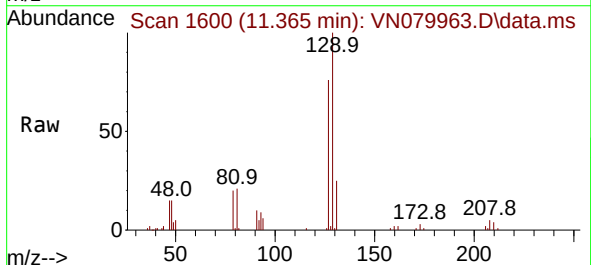
Manual Integrations
APPROVED

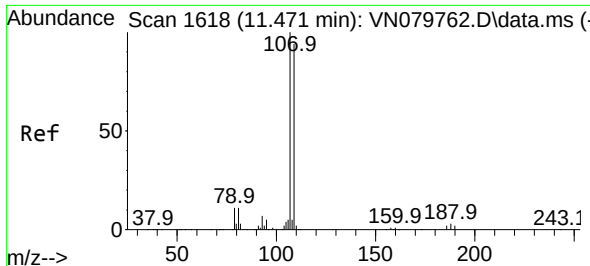
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 21.899 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

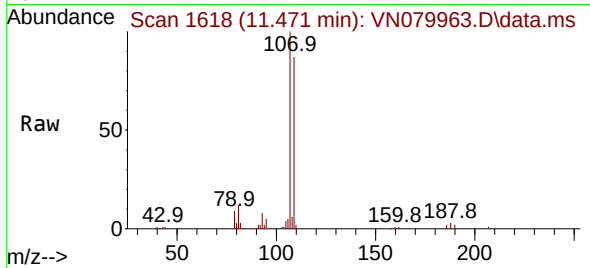
Tgt Ion:129 Resp: 89974
Ion Ratio Lower Upper
129 100
127 79.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.487 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

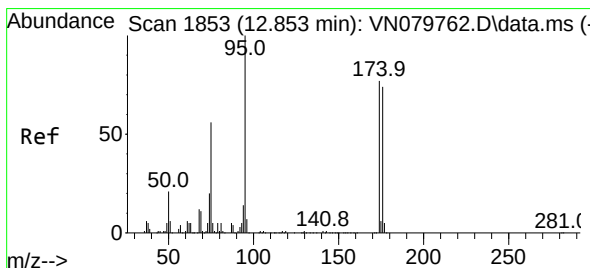
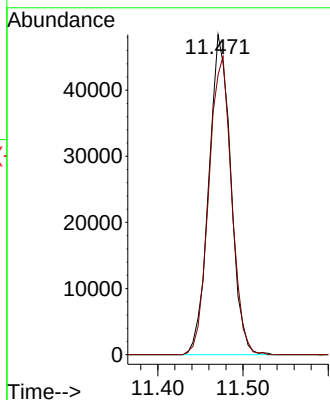
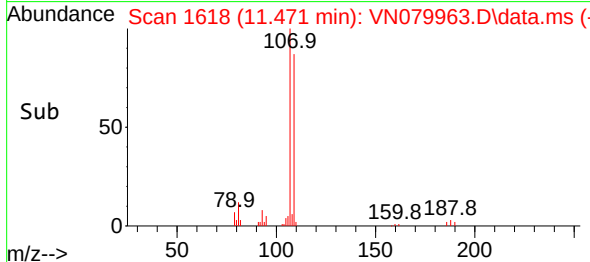
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



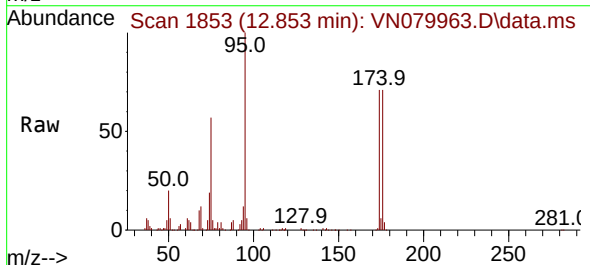
Tgt Ion:107 Resp: 86632
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

Manual Integrations
APPROVED

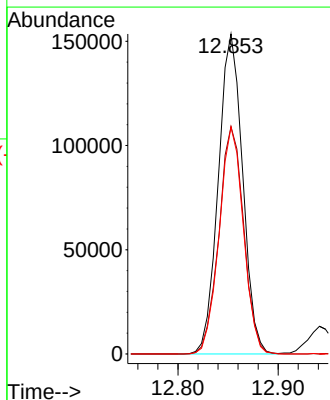
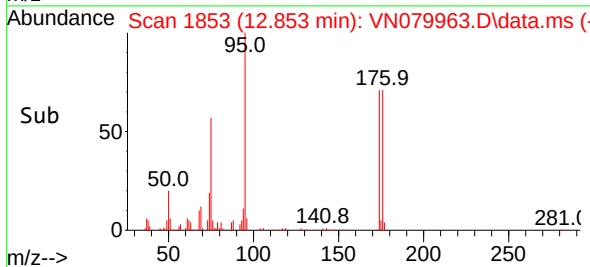
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

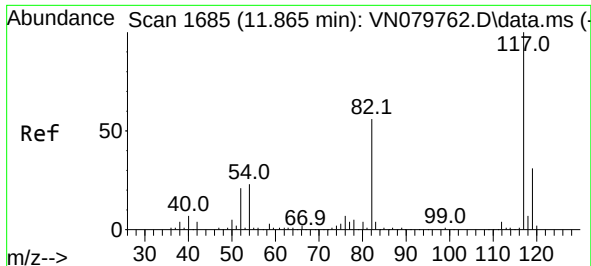


#62
4-Bromofluorobenzene
Concen: 56.207 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



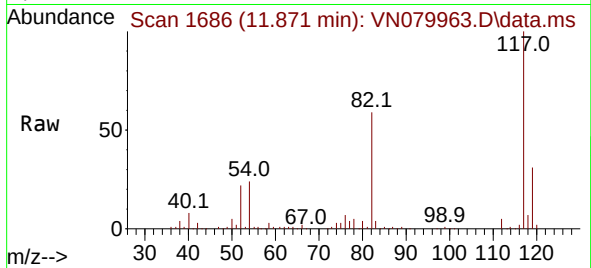
Tgt Ion: 95 Resp: 258302
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

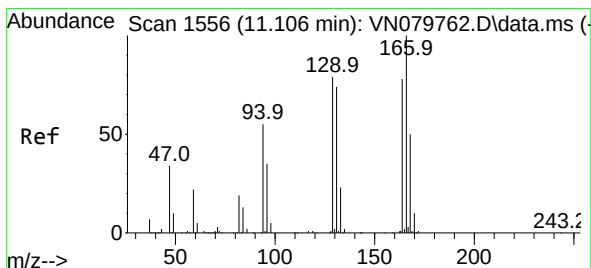
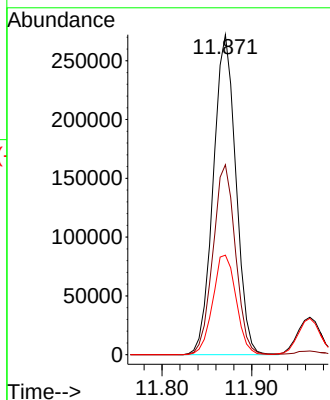
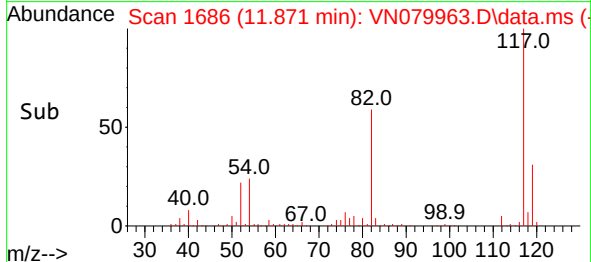
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion:117 Resp: 47643
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.1 25.6 38.4

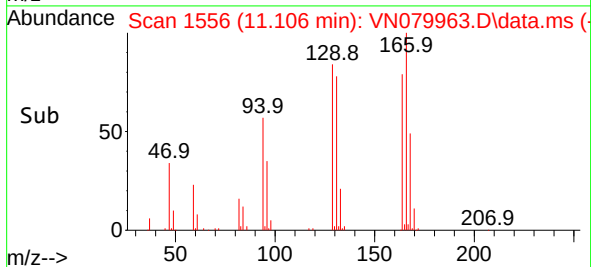
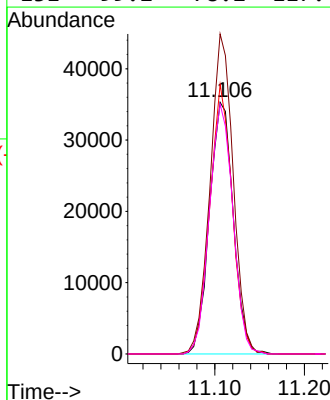
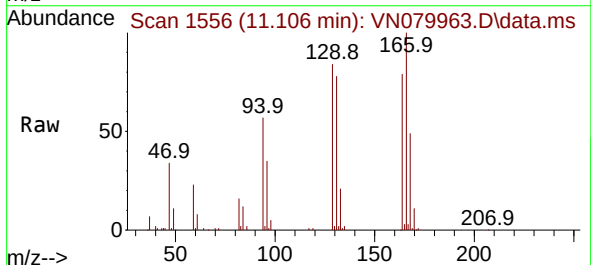
Manual Integrations
APPROVED

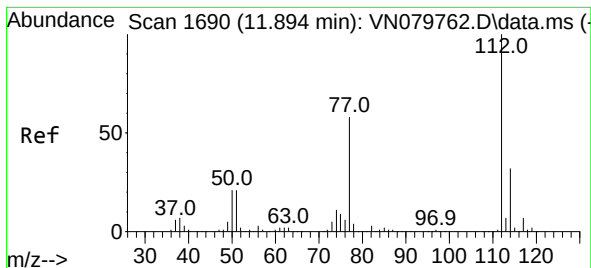
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 21.099 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion:164 Resp: 65104
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 107.1 82.4 123.6
131 99.2 78.2 117.4





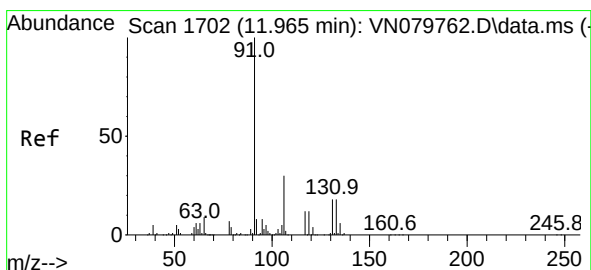
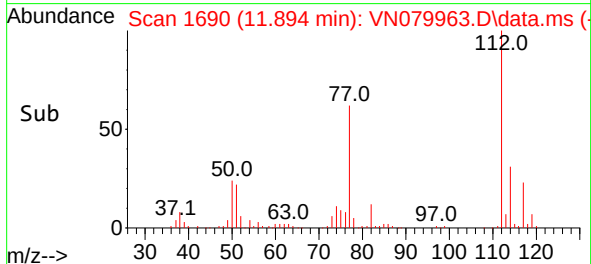
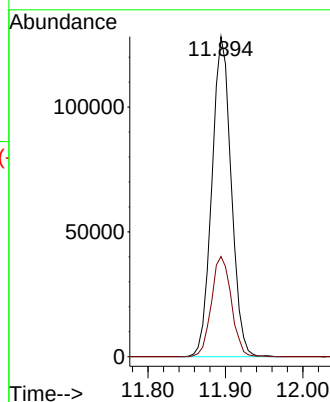
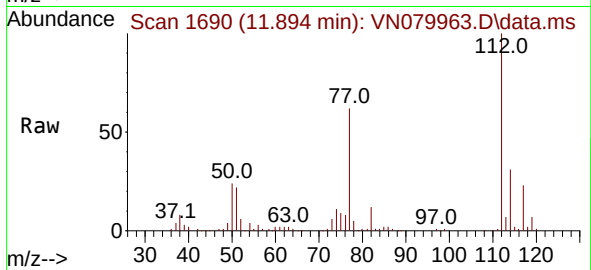
#65
Chlorobenzene
Concen: 21.501 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion:112 Resp: 22220
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

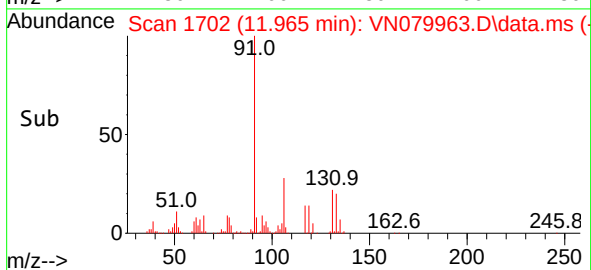
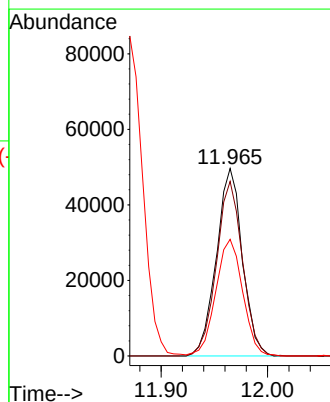
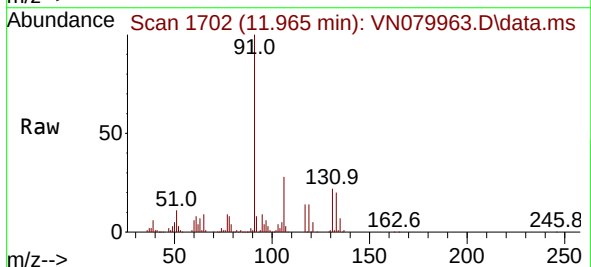
Manual Integrations
APPROVED

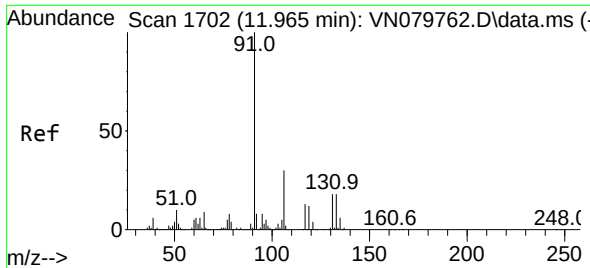
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.545 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

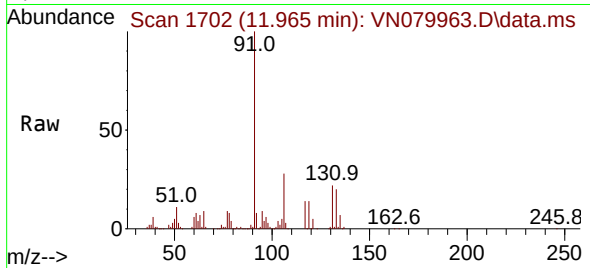
Tgt Ion:131 Resp: 83947
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 64.6 34.1 102.2





#67
Ethyl Benzene
Concen: 21.546 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

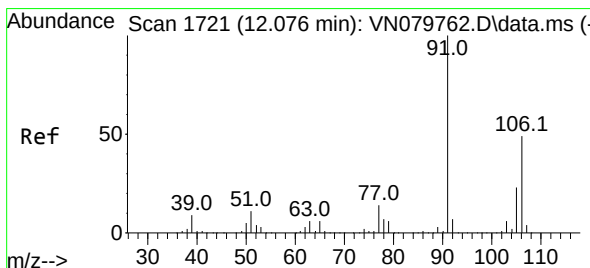
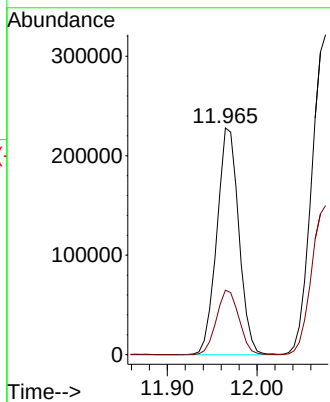
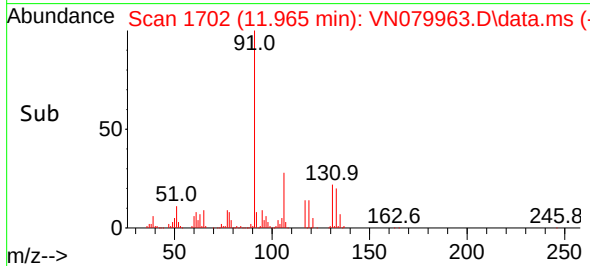
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



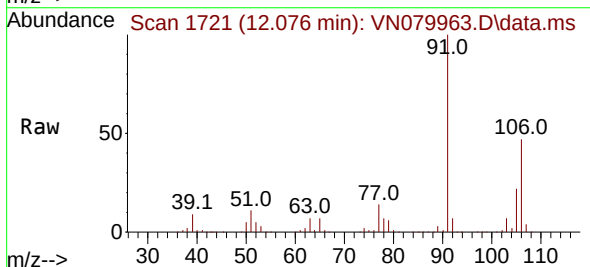
Tgt Ion: 91 Resp: 387940
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4

Manual Integrations
APPROVED

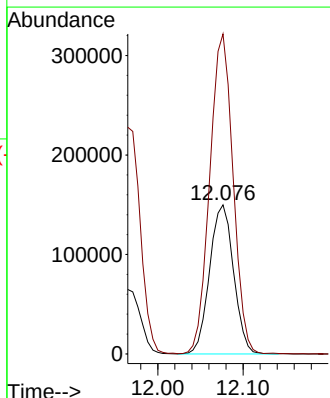
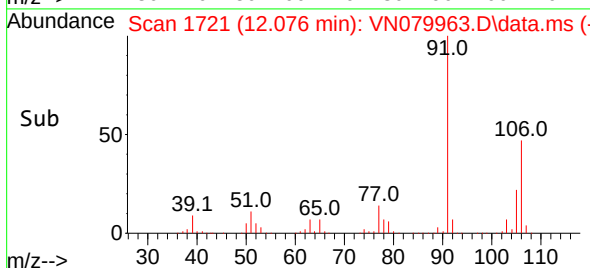
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

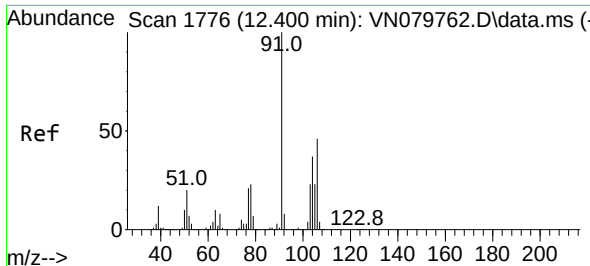


#68
m/p-Xylenes
Concen: 43.643 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



Tgt Ion:106 Resp: 292734
Ion Ratio Lower Upper
106 100
91 208.9 159.6 239.4





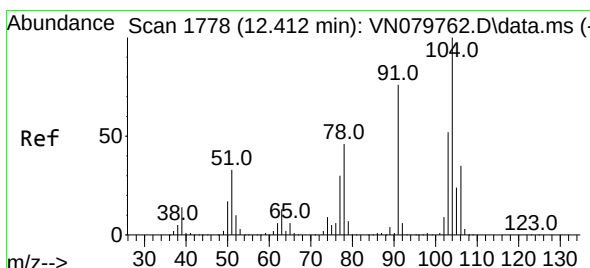
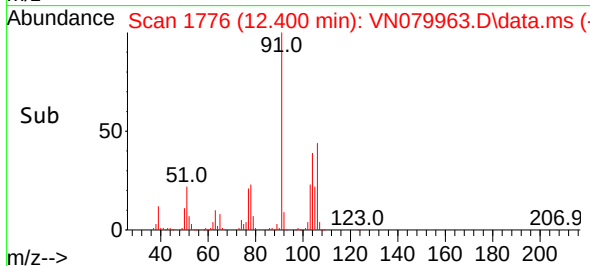
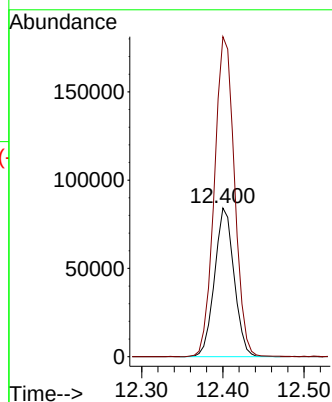
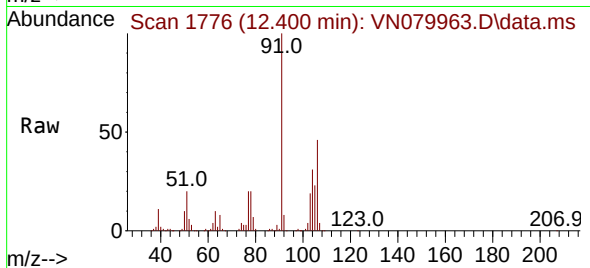
#69
o-Xylene
Concen: 21.815 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion:106 Resp: 14090
Ion Ratio Lower Upper
106 100
91 221.8 105.2 315.5

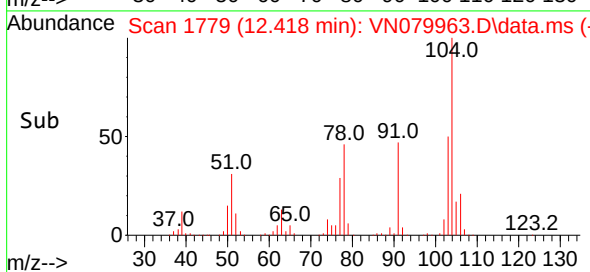
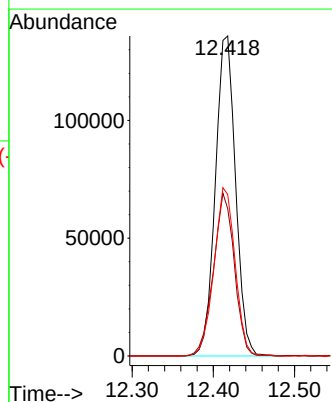
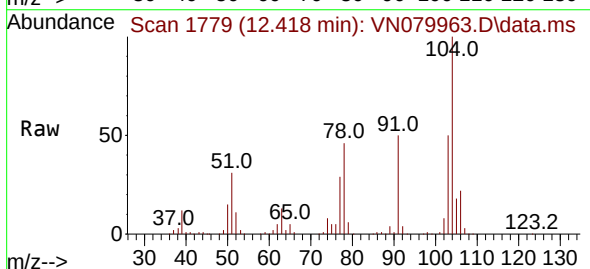
Manual Integrations
APPROVED

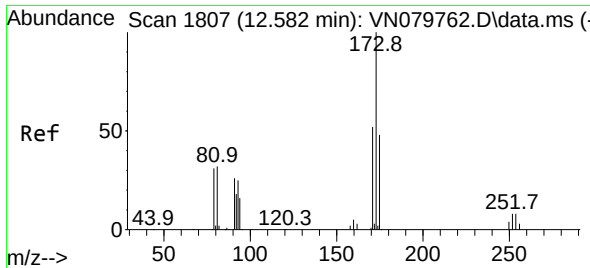
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 22.663 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

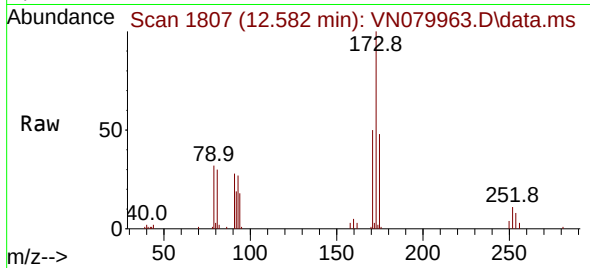
Tgt Ion:104 Resp: 235244
Ion Ratio Lower Upper
104 100
78 52.8 39.5 59.3
103 55.0 43.2 64.8





#71
Bromoform
Concen: 23.897 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

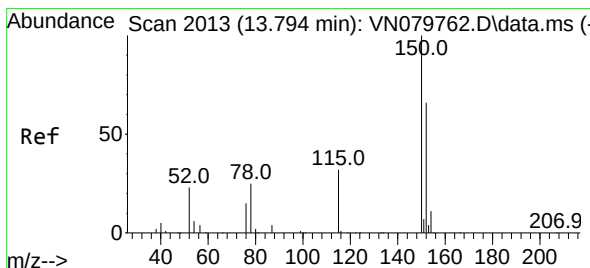
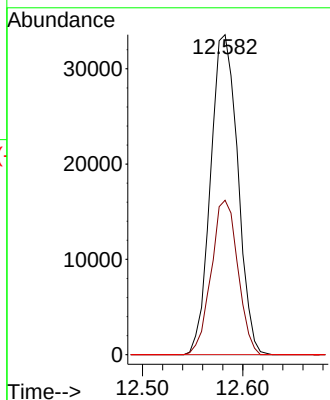
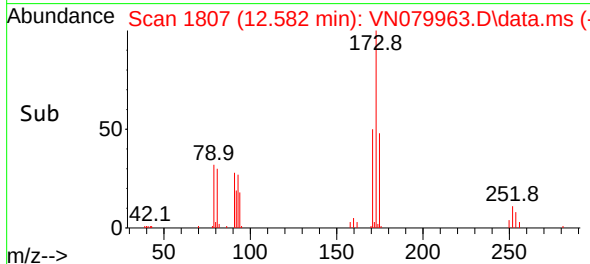
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



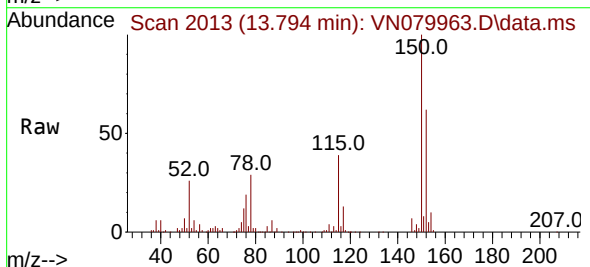
Tgt Ion:173 Resp: 63184
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

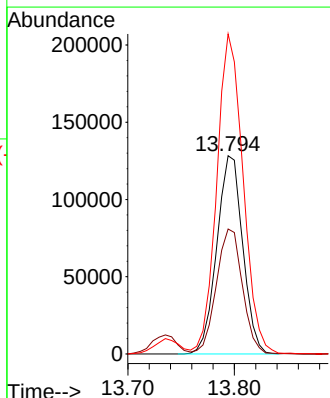
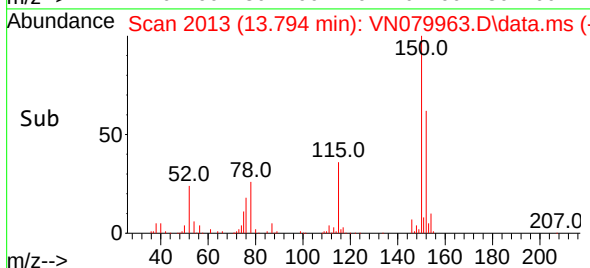
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

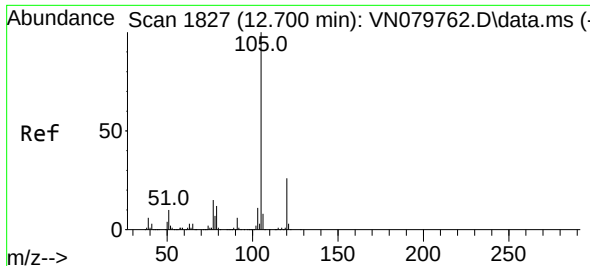


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



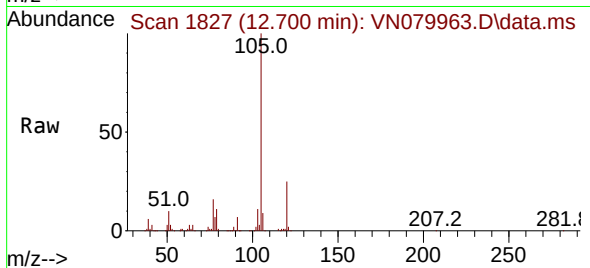
Tgt Ion:152 Resp: 216899
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 164.0 0.0 355.8





#73
Isopropylbenzene
Concen: 21.480 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

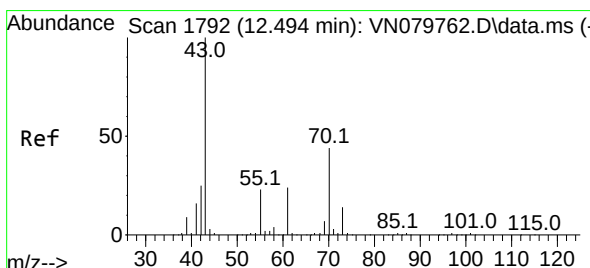
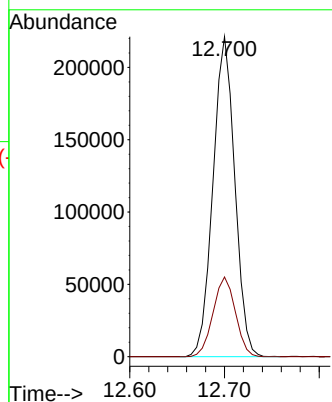
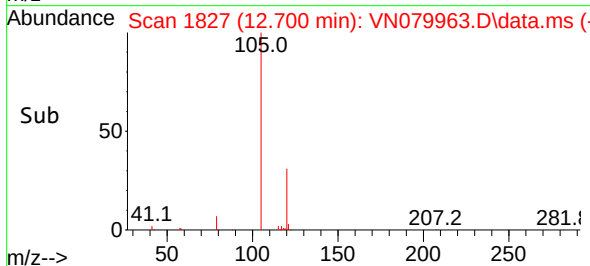
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



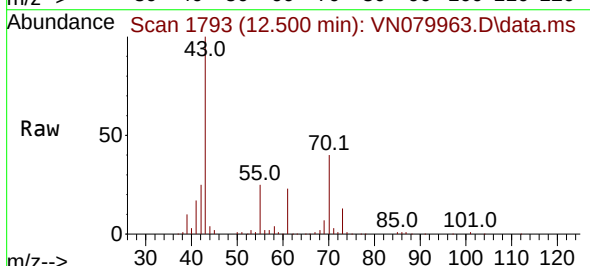
Tgt Ion:105 Resp: 353592
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

Manual Integrations
APPROVED

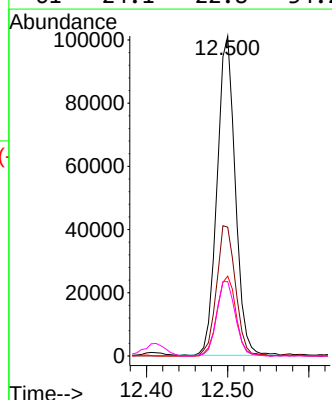
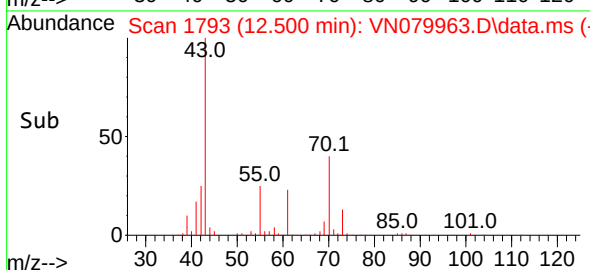
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

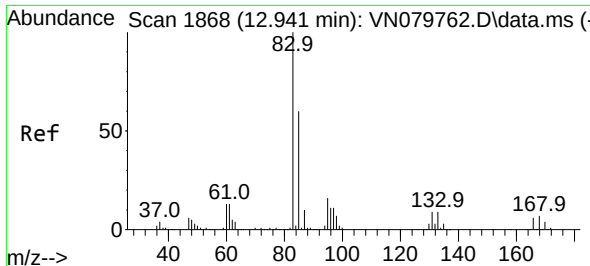


#74
N-ethyl acetate
Concen: 21.927 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



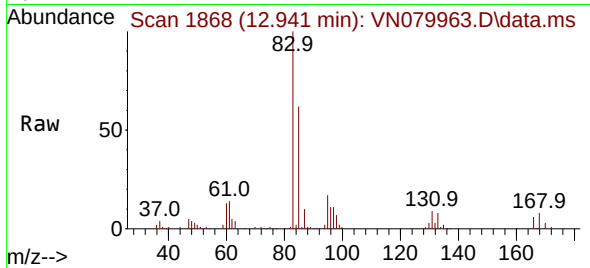
Tgt Ion: 43 Resp: 157546
Ion Ratio Lower Upper
43 100
70 42.6 43.4 65.2#
55 25.9 21.4 32.0
61 24.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.807 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

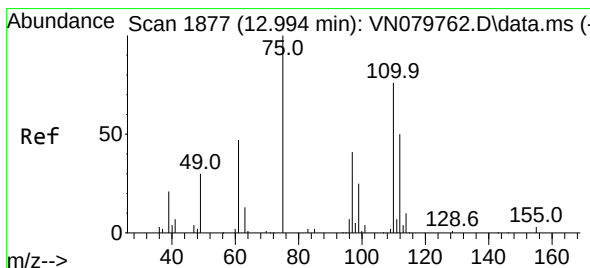
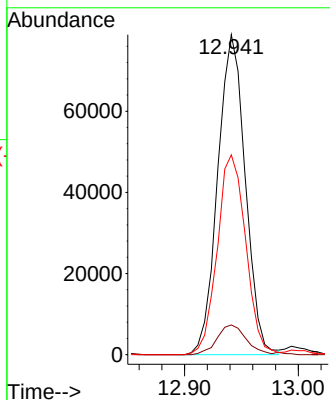
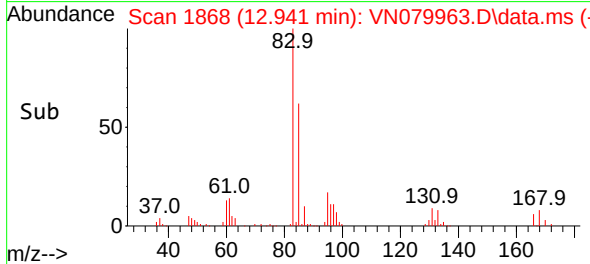
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 83 Resp: 133110
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.3 31.9 95.7

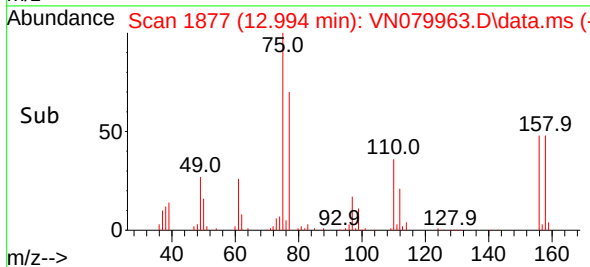
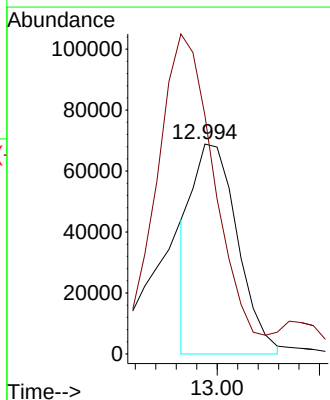
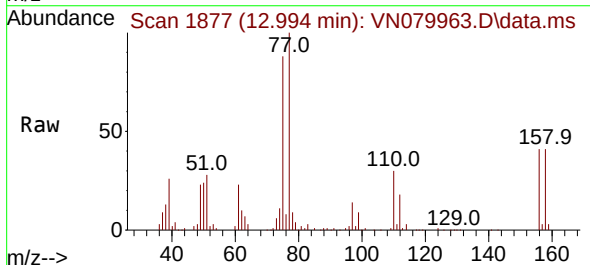
Manual Integrations
APPROVED

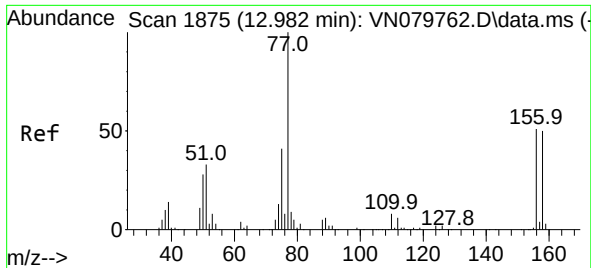
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 20.839 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

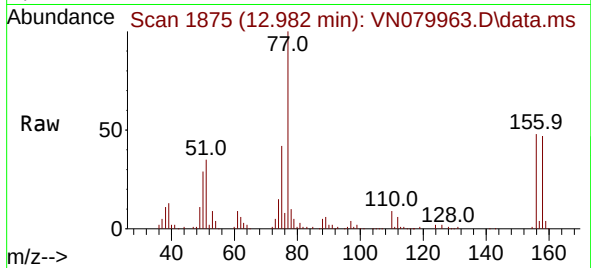
Tgt Ion: 75 Resp: 106115
Ion Ratio Lower Upper
75 100
77 197.3 84.5 253.5





#77
Bromobenzene
Concen: 21.359 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

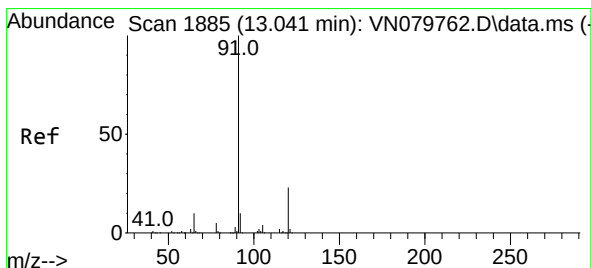
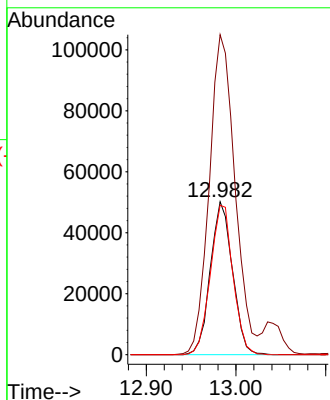
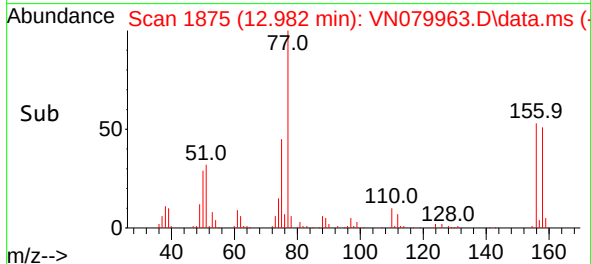
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion:156 Resp: 8608
Ion Ratio Lower Upper
156 100
77 243.2 107.7 323.3
158 99.4 48.4 145.3

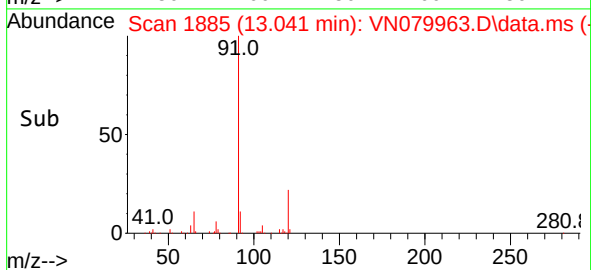
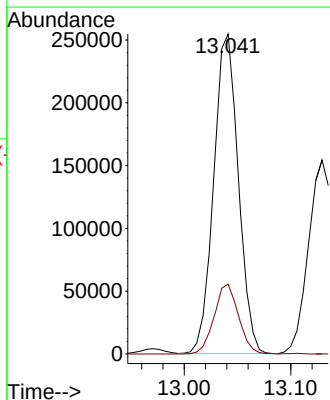
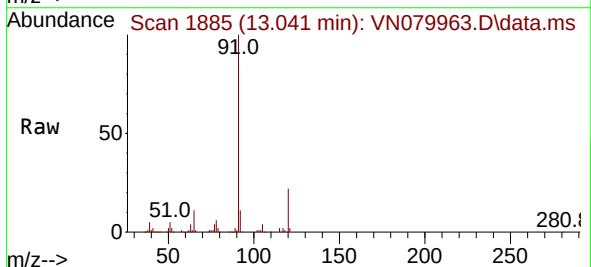
Manual Integrations
APPROVED

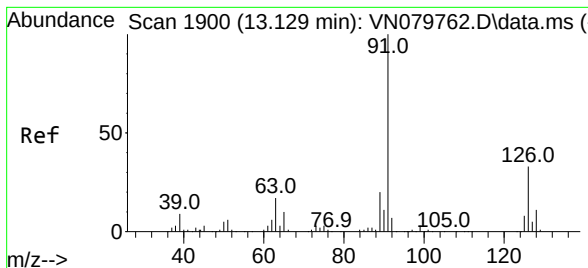
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#78
n-propylbenzene
Concen: 21.664 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion: 91 Resp: 408374
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





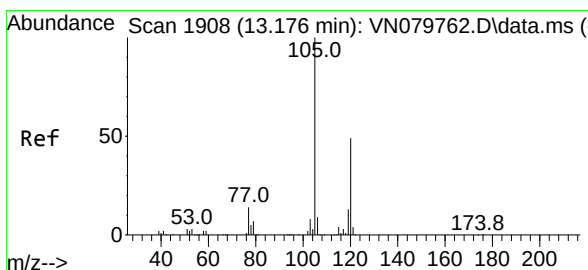
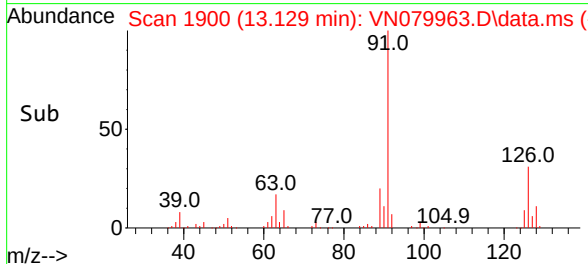
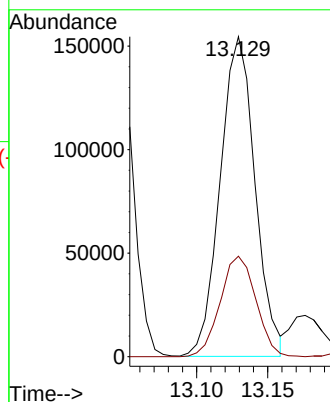
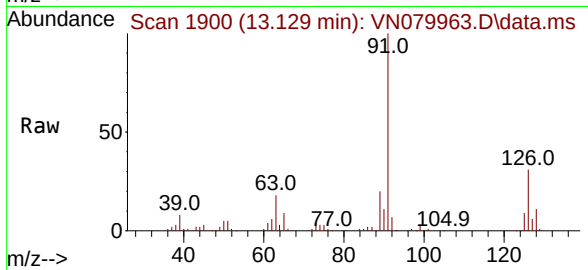
#79
2-Chlorotoluene
Concen: 21.856 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01

Tgt Ion: 91 Resp: 26319
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

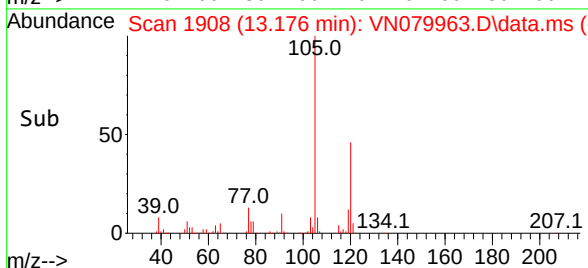
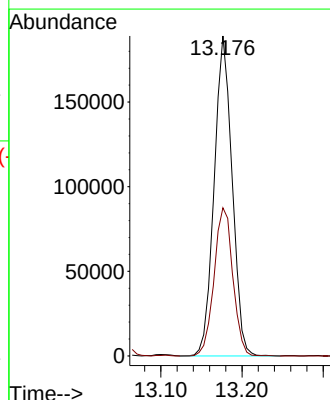
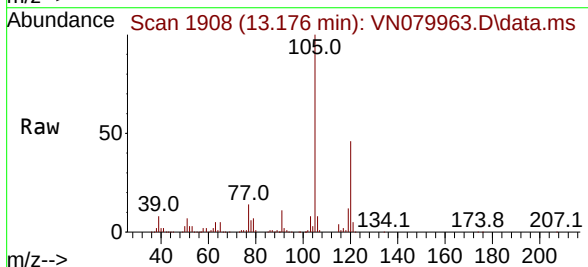
Manual Integrations
APPROVED

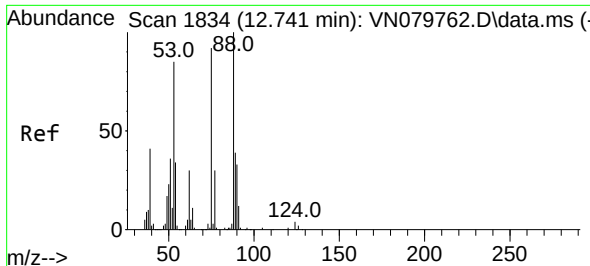
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.711 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

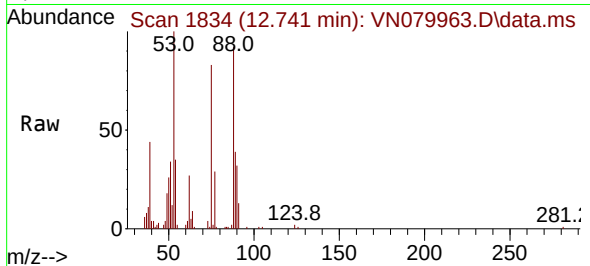
Tgt Ion:105 Resp: 290869
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.272 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

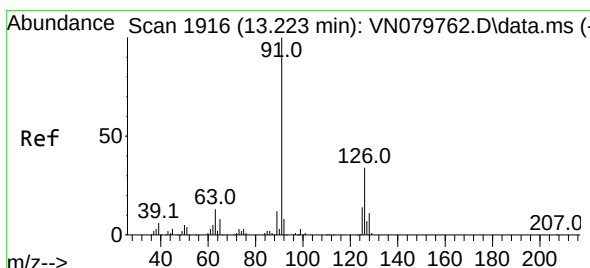
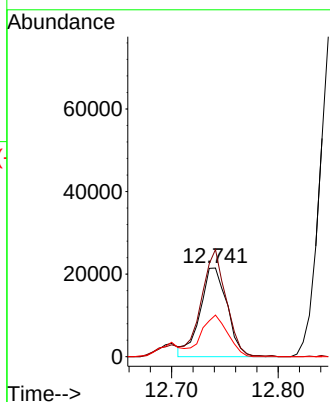
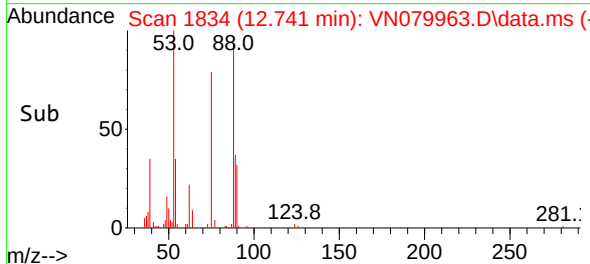
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion: 75 Resp: 3794
Ion Ratio Lower Upper
75 100
53 122.1 67.4 101.2
89 45.7 38.8 58.2

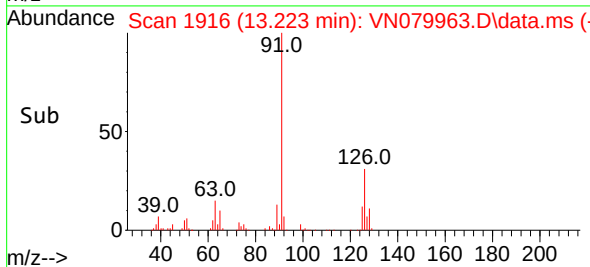
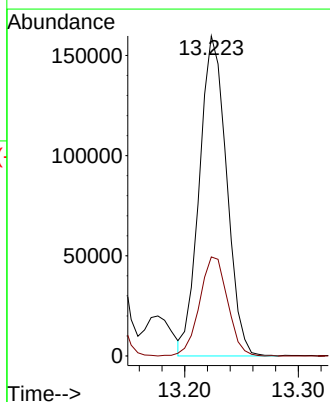
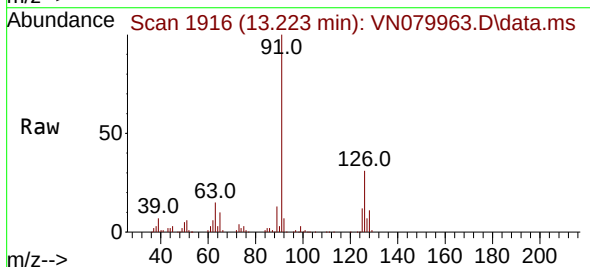
Manual Integrations
APPROVED

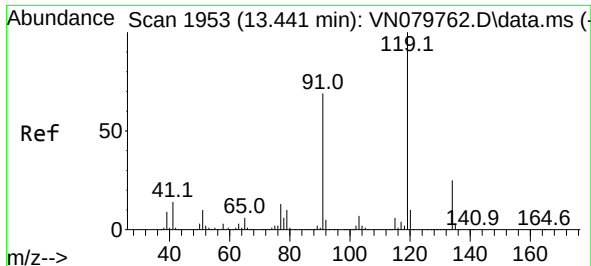
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 22.235 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

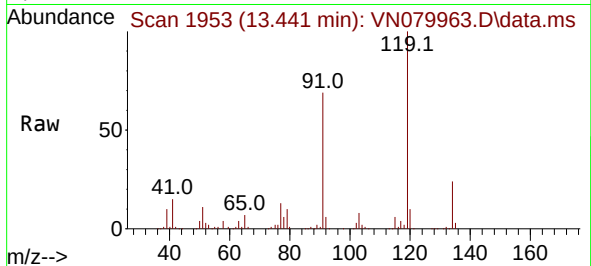
Tgt Ion: 91 Resp: 266083
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 21.812 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

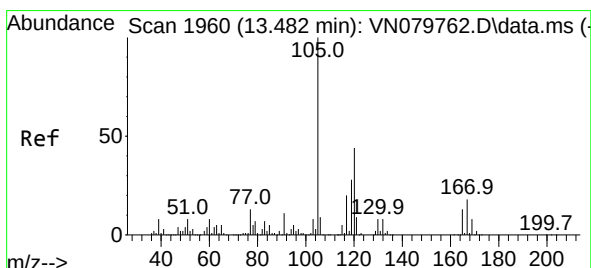
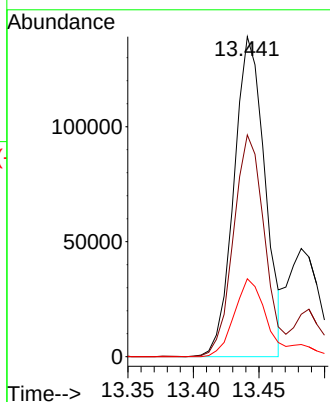
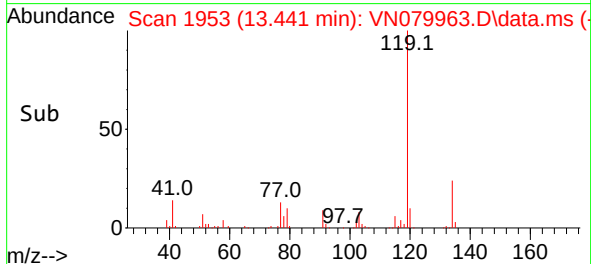
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01



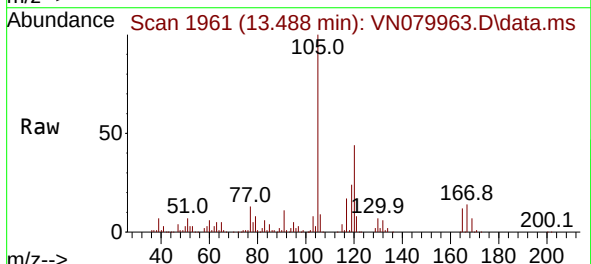
Tgt Ion:119 Resp: 22866
 Ion Ratio Lower Upper
 119 100
 91 69.9 33.9 101.7
 134 27.5 13.2 39.6

Manual Integrations
 APPROVED

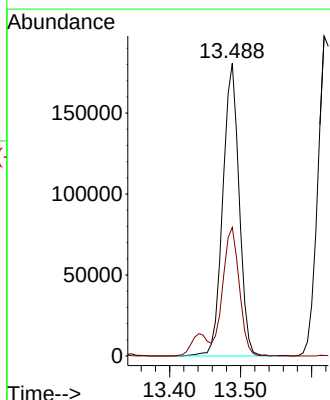
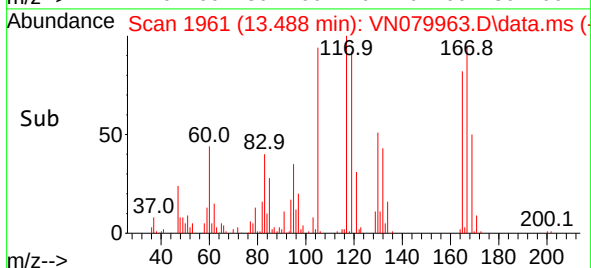
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

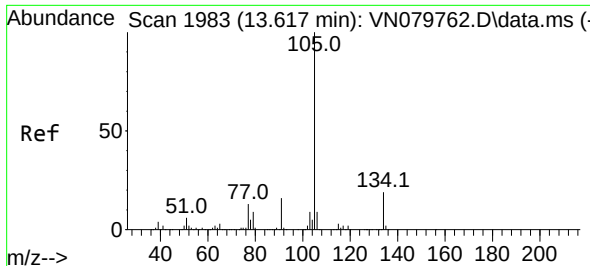


#84
 1,2,4-Trimethylbenzene
 Concen: 22.839 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34



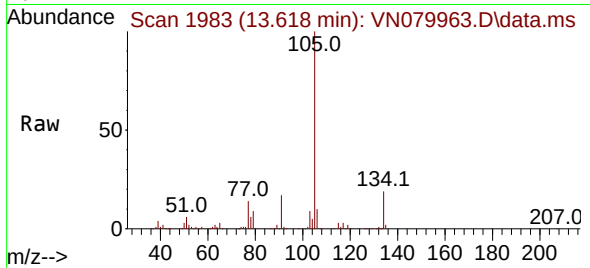
Tgt Ion:105 Resp: 287787
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.918 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34

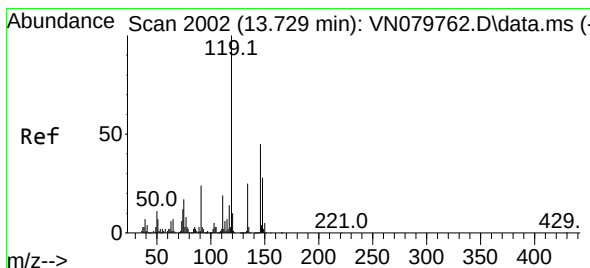
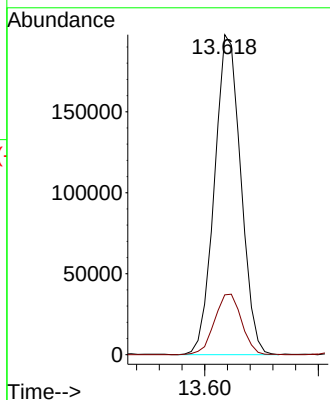
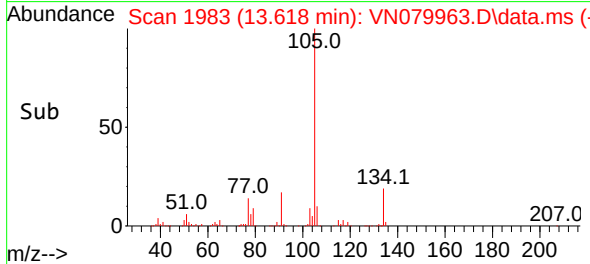
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01



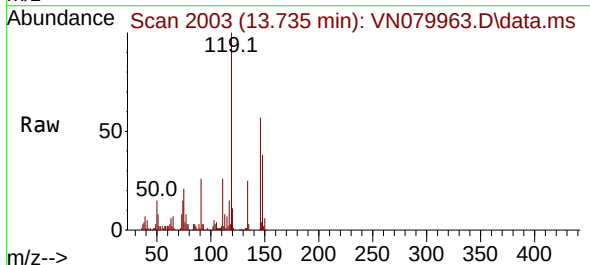
Tgt Ion:105 Resp: 31835
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

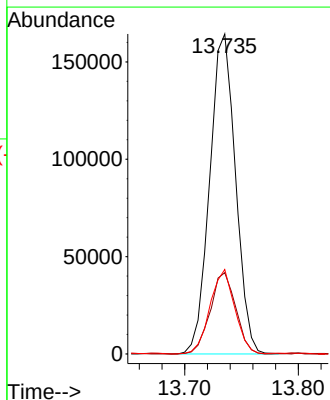
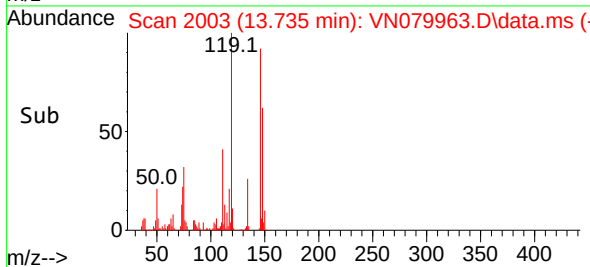
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

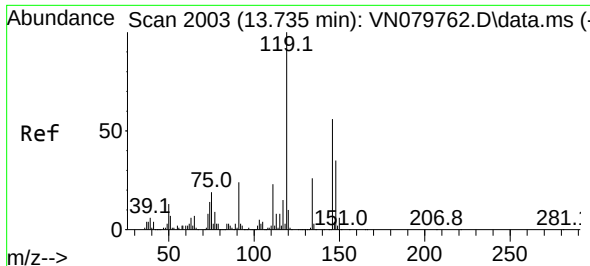


#86
 p-Isopropyltoluene
 Concen: 21.950 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079963.D
 Acq: 07 Nov 2023 14:34



Tgt Ion:119 Resp: 259926
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.3 12.4 37.2





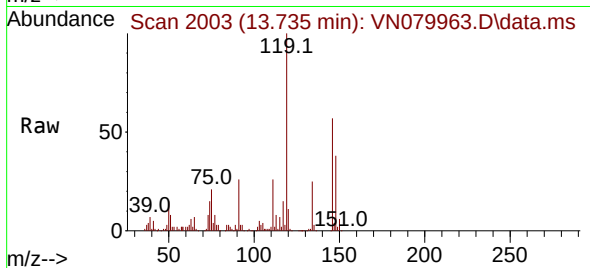
#87
1,3-Dichlorobenzene
Concen: 21.061 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01



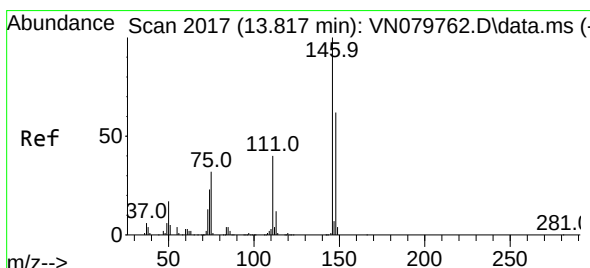
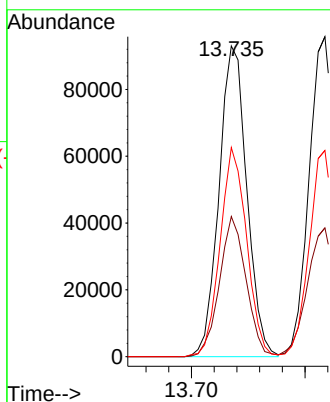
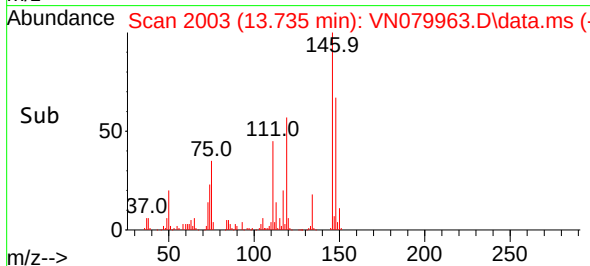
Tgt Ion:146 Resp: 157902
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations

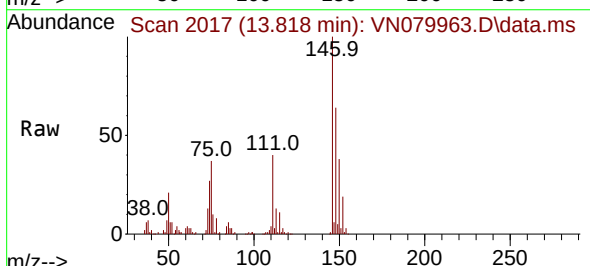
APPROVED

Reviewed By :John Carlone 11/08/2023

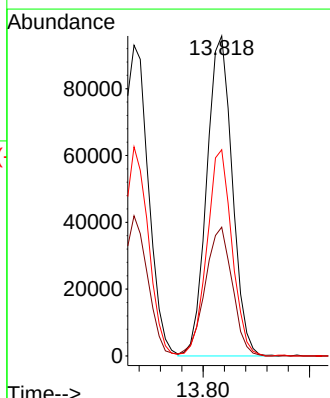
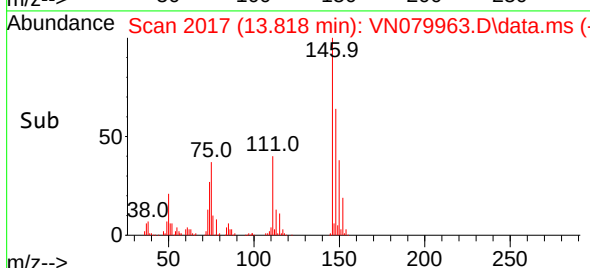
Supervised By :Mahesh Dadoda 11/08/2023

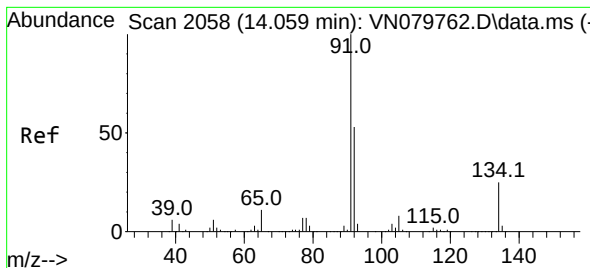


#88
1,4-Dichlorobenzene
Concen: 20.927 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34



Tgt Ion:146 Resp: 159251
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 20.836 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion: 91 Resp: 212510

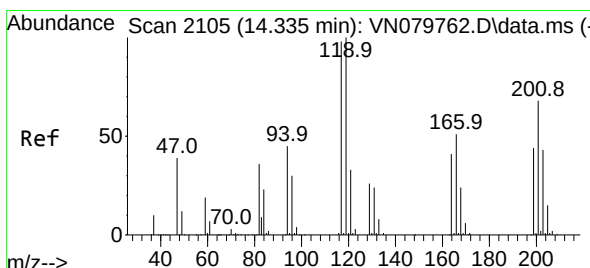
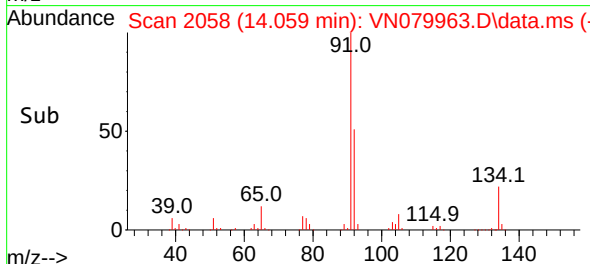
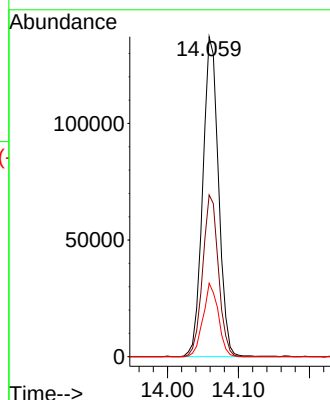
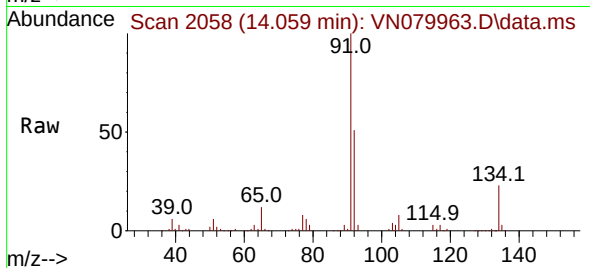
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.4	79.0
134	22.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 21.584 ug/l

RT: 14.341 min Scan# 2106

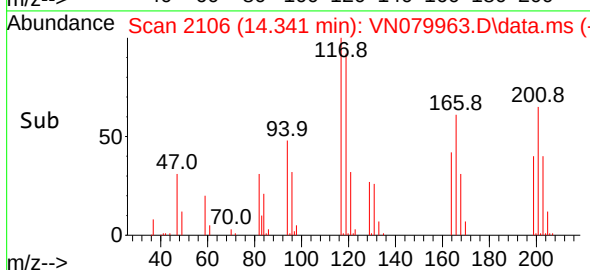
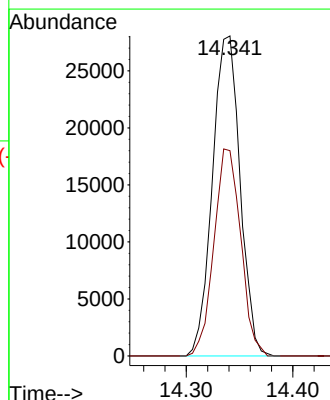
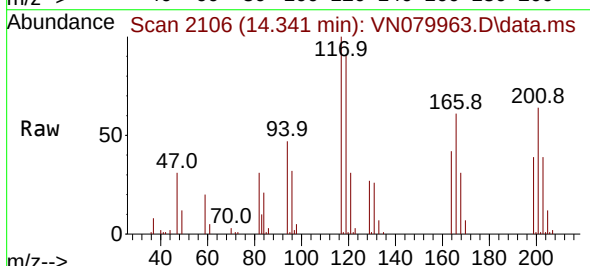
Delta R.T. 0.006 min

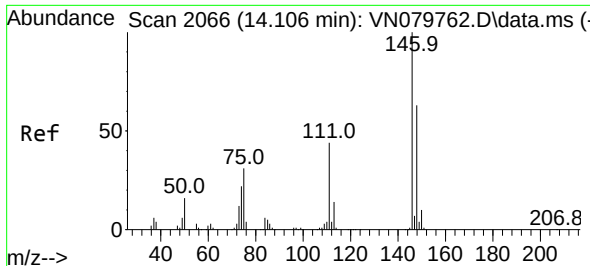
Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Tgt Ion:117 Resp: 50620

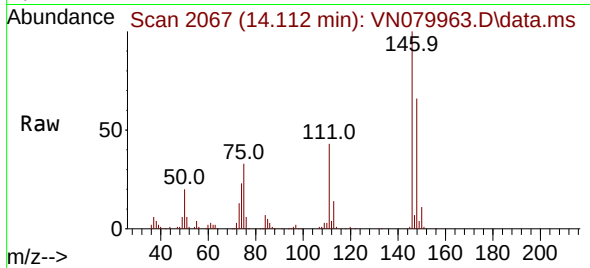
Ion	Ratio	Lower	Upper
117	100		
201	62.7	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 22.123 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

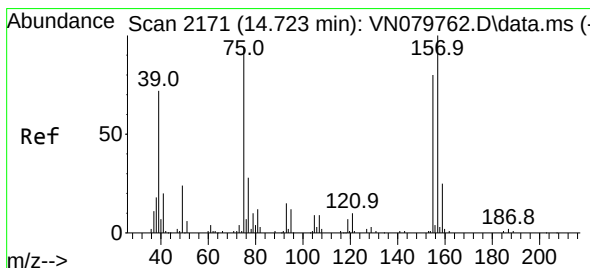
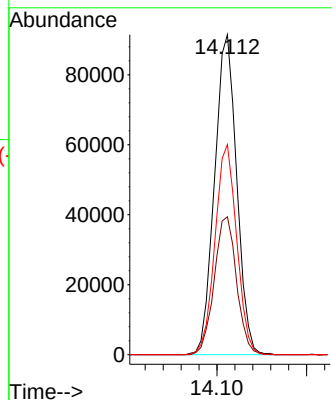
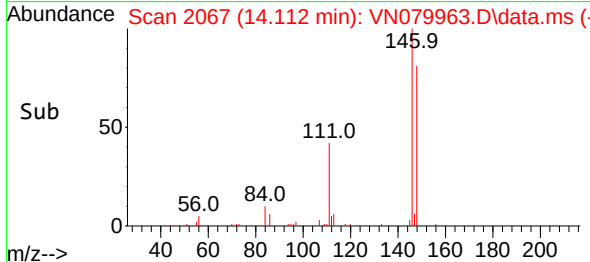
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion:146 Resp: 15657
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.5 31.8 95.3

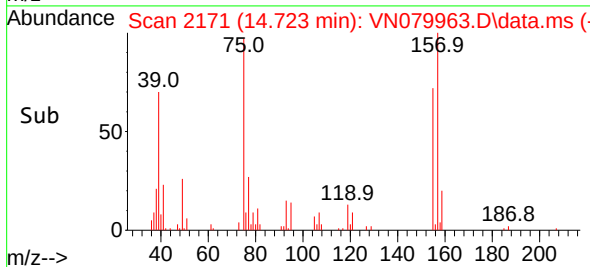
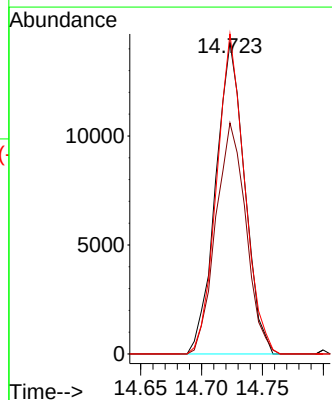
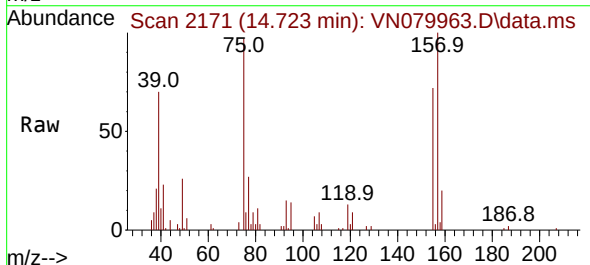
Manual Integrations
APPROVED

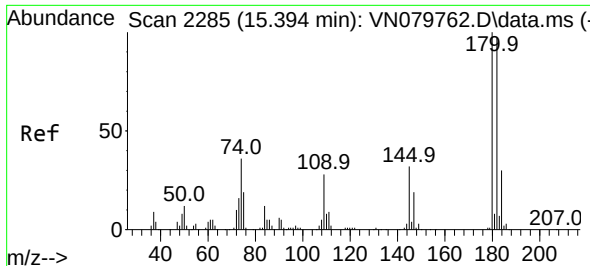
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.879 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

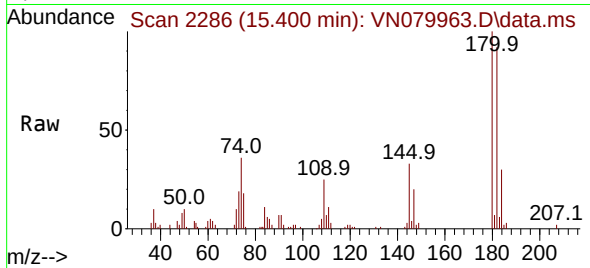
Tgt Ion: 75 Resp: 23635
Ion Ratio Lower Upper
75 100
155 77.1 39.1 117.2
157 98.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 20.584 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

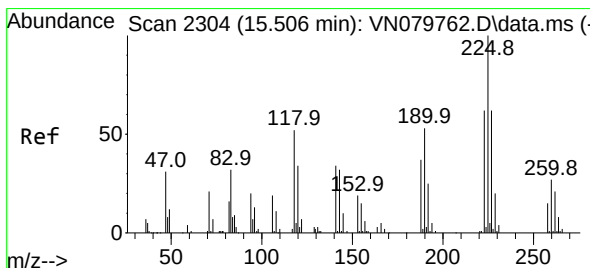
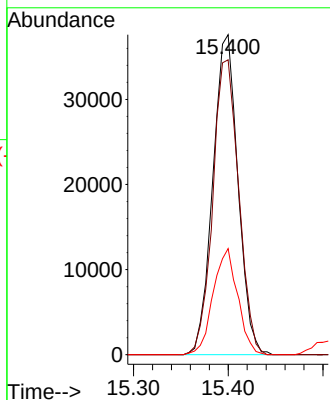
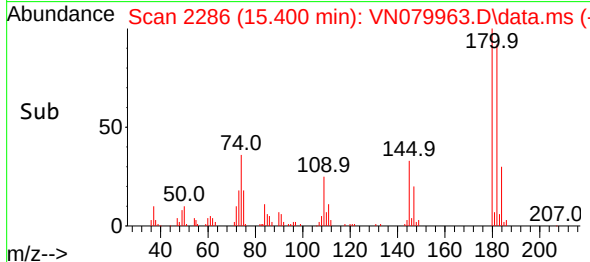
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD01



Tgt Ion:180 Resp: 69269
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 32.4 16.6 49.8

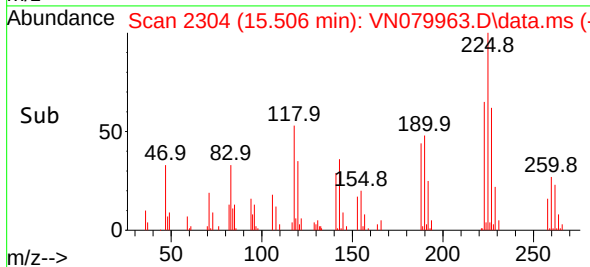
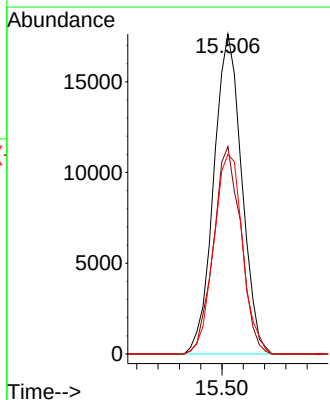
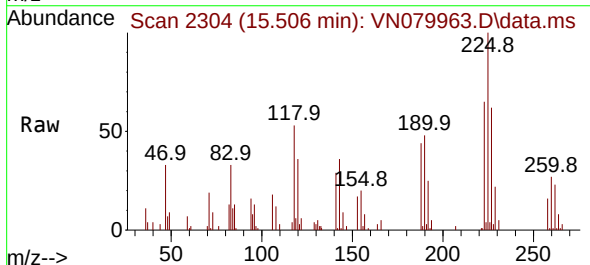
Manual Integrations
APPROVED

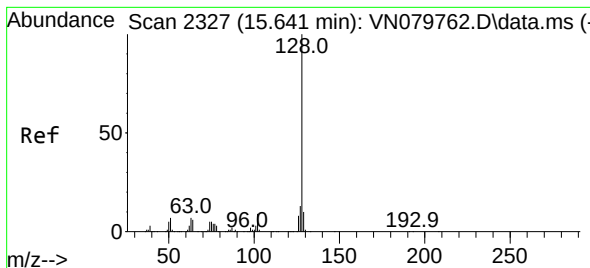
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#94
Hexachlorobutadiene
Concen: 21.046 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079963.D
Acq: 07 Nov 2023 14:34

Tgt Ion:225 Resp: 32106
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 64.5 31.9 95.9





#95

Naphthalene

Concen: 19.692 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD01

Tgt Ion:128 Resp: 22473

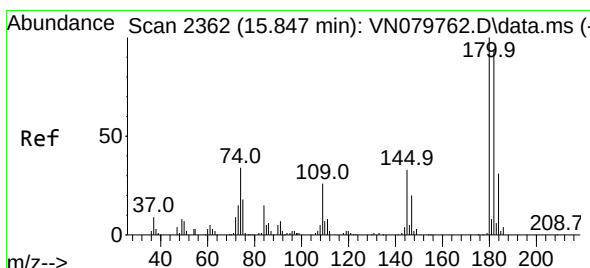
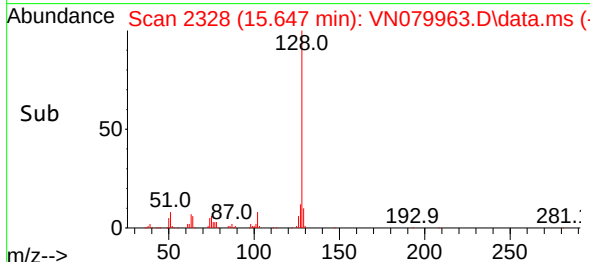
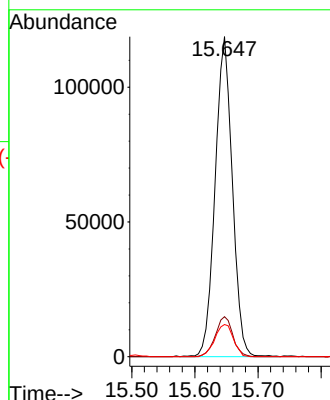
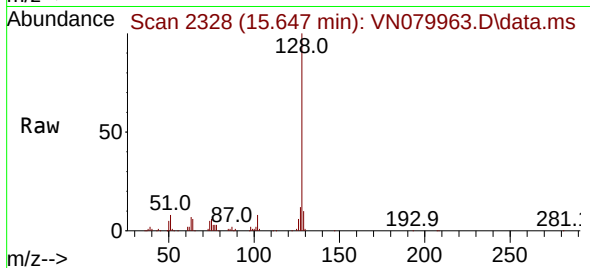
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.018 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079963.D

Acq: 07 Nov 2023 14:34

Tgt Ion:180 Resp: 69332

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	33.9	17.5	52.6

