

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078964.D
 Acq On : 19 Aug 2023 00:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 19 06:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	319862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154527	49.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.760%
35) Dibromofluoromethane	8.171	113	122367	51.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	10.571	98	455111	51.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.853	95	149156	51.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	136866	49.541	ug/l	100
3) Chloromethane	2.365	50	150236	38.949	ug/l	100
4) Vinyl Chloride	2.518	62	153041	45.241	ug/l	95
5) Bromomethane	2.936	94	83778	43.136	ug/l	100
6) Chloroethane	3.106	64	96755	40.914	ug/l	98
7) Trichlorofluoromethane	3.489	101	200161	48.581	ug/l	96
8) Diethyl Ether	3.965	74	72236	46.247	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.365	101	106110	48.355	ug/l	97
10) Methyl Iodide	4.589	142	130466	53.139	ug/l	97
11) Tert butyl alcohol	5.536	59	113801	218.893	ug/l	99
12) 1,1-Dichloroethene	4.342	96	109075	51.028	ug/l	82
13) Acrolein	4.183	56	111058	Below Cal		95
14) Allyl chloride	5.024	41	176711	41.536	ug/l #	88
15) Acrylonitrile	5.724	53	324684	230.530	ug/l	98
16) Acetone	4.430	43	272894	213.467	ug/l	92
17) Carbon Disulfide	4.712	76	292588	48.900	ug/l	97
18) Methyl Acetate	5.024	43	245896	45.532	ug/l #	81
19) Methyl tert-butyl Ether	5.794	73	377615	49.041	ug/l	94
20) Methylene Chloride	5.283	84	129194	47.422	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	118046	49.248	ug/l #	81
22) Diisopropyl ether	6.671	45	437052	48.560	ug/l #	88
23) Vinyl Acetate	6.606	43	1426920	240.786	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	238457	48.499	ug/l	96
25) 2-Butanone	7.488	43	454330	221.667	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	137282	34.542	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	137906	47.335	ug/l	90
28) Bromochloromethane	7.818	49	129107	49.500	ug/l #	75
29) Tetrahydrofuran	7.841	42	315047	232.229	ug/l #	71
30) Chloroform	7.971	83	237714	48.394	ug/l	95
31) Cyclohexane	8.259	56	194771	50.431	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	205696	49.111	ug/l	94
36) 1,1-Dichloropropene	8.377	75	178508	50.131	ug/l	94
37) Ethyl Acetate	7.565	43	195835	49.155	ug/l #	90
38) Carbon Tetrachloride	8.365	117	180742	50.658	ug/l	97
39) Methylcyclohexane	9.600	83	163986	50.074	ug/l #	85
40) Benzene	8.612	78	525927	49.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	96180	44.326	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	195551	49.732	ug/l	97
43) Isopropyl Acetate	8.688	43	394640	56.042	ug/l #	80
44) Trichloroethene	9.359	130	126423	50.552	ug/l	95
45) 1,2-Dichloropropane	9.624	63	138124	49.291	ug/l	95
46) Dibromomethane	9.712	93	93824	48.815	ug/l	93
47) Bromodichloromethane	9.888	83	190873	50.292	ug/l	99
48) Methyl methacrylate	9.688	41	154517	48.423	ug/l #	76
49) 1,4-Dioxane	9.700	88	49503	910.785	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	991010	237.282	ug/l #	85
52) Toluene	10.635	92	325610	50.389	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	195801	48.107	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	207806	46.879	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	127425	49.180	ug/l	97
56) Ethyl methacrylate	10.876	69	206191	51.337	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	228383	49.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	439627	228.025	ug/l	91
59) 2-Hexanone	11.200	43	715912	236.662	ug/l	83
60) Dibromochloromethane	11.365	129	141386	51.855	ug/l	99
61) 1,2-Dibromoethane	11.470	107	129785	49.292	ug/l	97
64) Tetrachloroethene	11.106	164	101087	50.394	ug/l	96
65) Chlorobenzene	11.894	112	337125	49.514	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	131059	50.934	ug/l	99
67) Ethyl Benzene	11.965	91	603552	48.745	ug/l	99
68) m/p-Xylenes	12.076	106	458349	99.010	ug/l	98
69) o-Xylene	12.400	106	222127	49.326	ug/l	95
70) Styrene	12.412	104	369616	49.224	ug/l	96
71) Bromoform	12.582	173	98531	52.672	ug/l #	98
73) Isopropylbenzene	12.700	105	561202	48.105	ug/l	100
74) N-amyl acetate	12.500	43	277661	47.152	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	189149	44.903	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	235808	69.947	ug/l	68
77) Bromobenzene	12.982	156	139099	49.604	ug/l	98
78) n-propylbenzene	13.041	91	655288	48.439	ug/l	98
79) 2-Chlorotoluene	13.129	91	395719	47.156	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	459775	49.732	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	62403	47.286	ug/l	87
82) 4-Chlorotoluene	13.223	91	384788	46.862	ug/l	98
83) tert-Butylbenzene	13.441	119	385376	49.612	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	459883	50.237	ug/l	100
85) sec-Butylbenzene	13.617	105	531161	49.688	ug/l	100
86) p-Isopropyltoluene	13.735	119	434791	50.908	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	234968	48.695	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	232684	48.178	ug/l	98
89) n-Butylbenzene	14.059	91	341614	48.603	ug/l	99
90) Hexachloroethane	14.335	117	86939	50.781	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	236557	49.297	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35012	50.287	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	91146	53.579	ug/l	97
94) Hexachlorobutadiene	15.506	225	49114	56.806	ug/l	99
95) Naphthalene	15.647	128	296712	46.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	96040	51.547	ug/l	99

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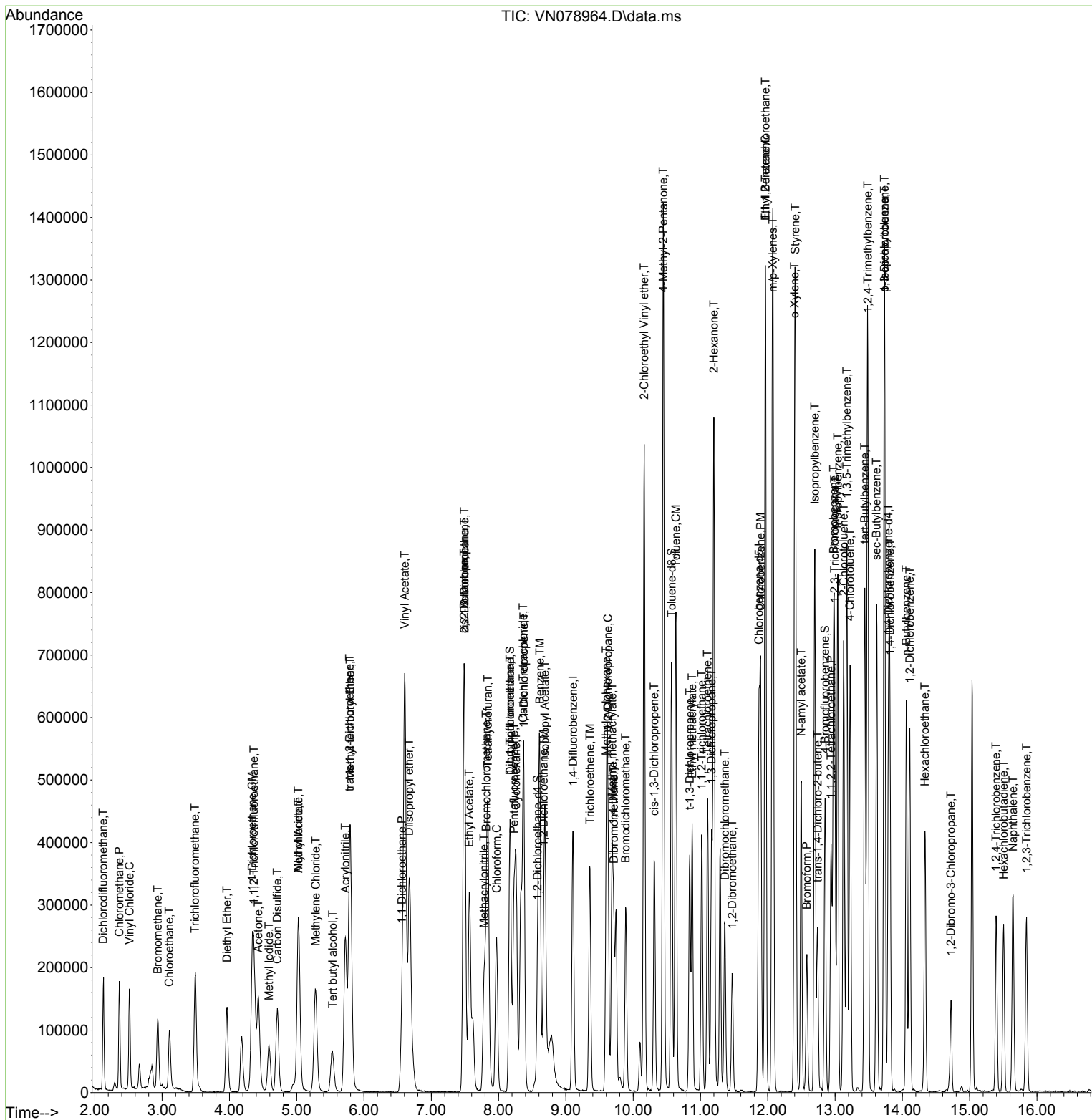
Instrument :
MSVOA_N
ClientSampleId :

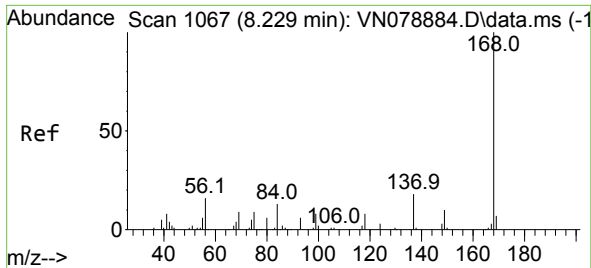
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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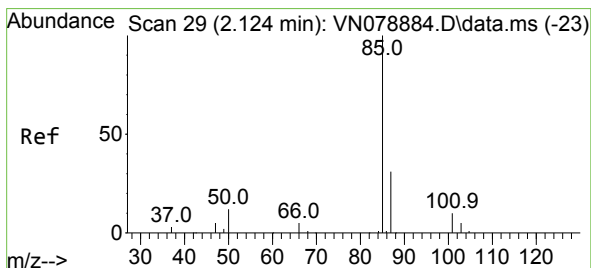
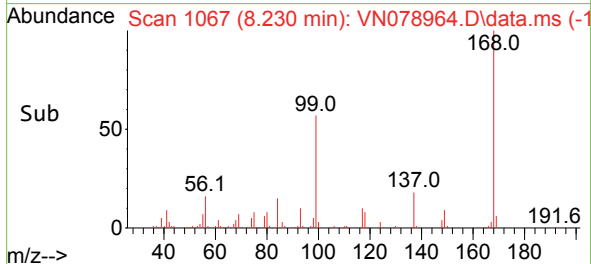
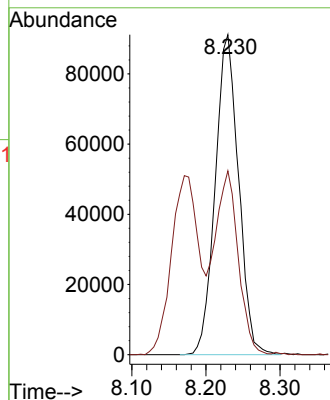
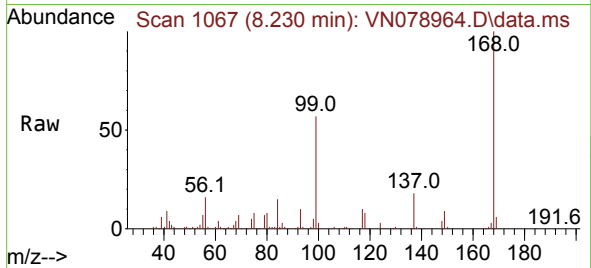




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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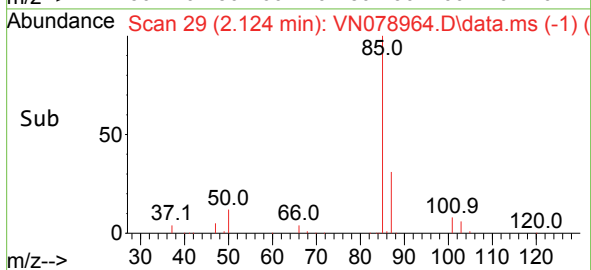
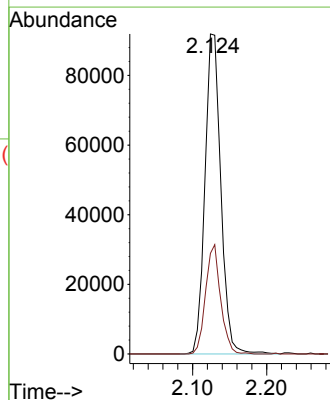
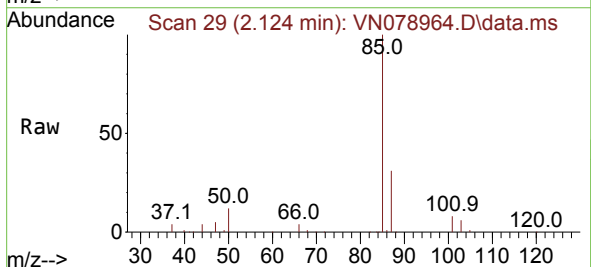
Instrument :
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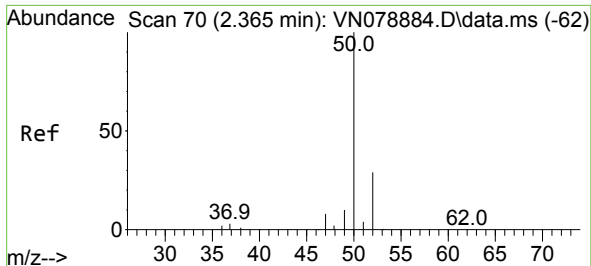
Tgt Ion:168 Resp: 199106
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 49.541 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 85 Resp: 136866
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4

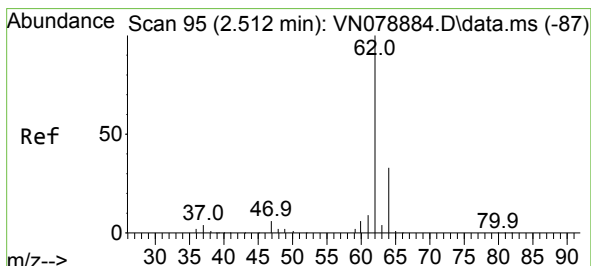
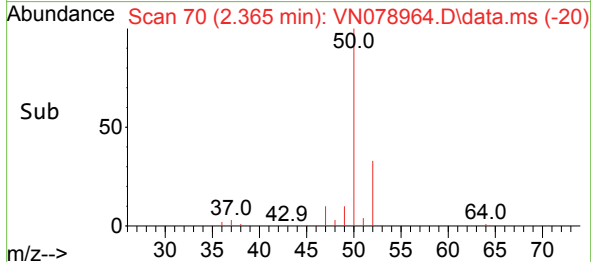
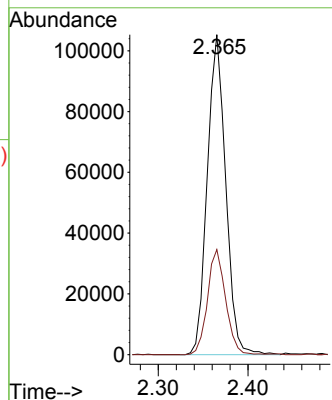
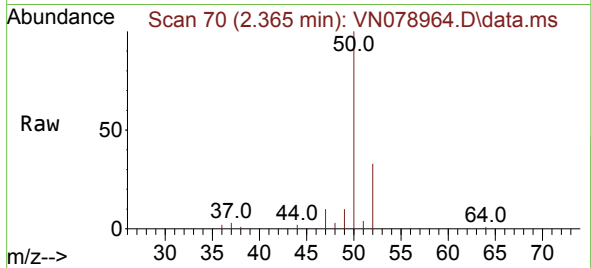




#3
Chloromethane
Concen: 38.949 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

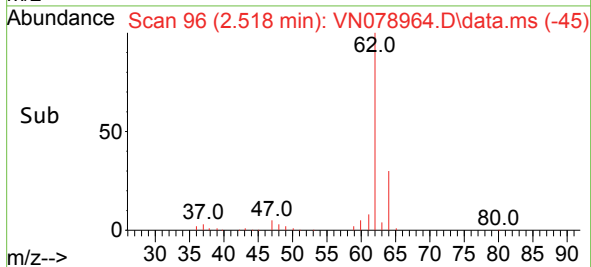
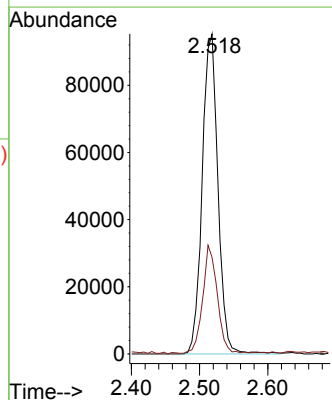
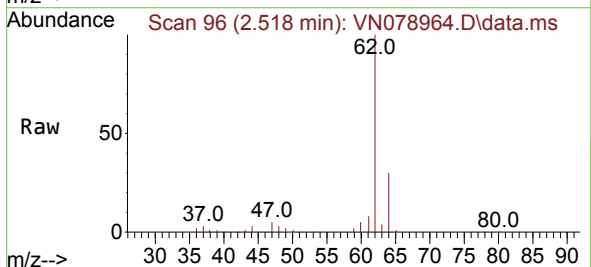
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ClientSampleId :

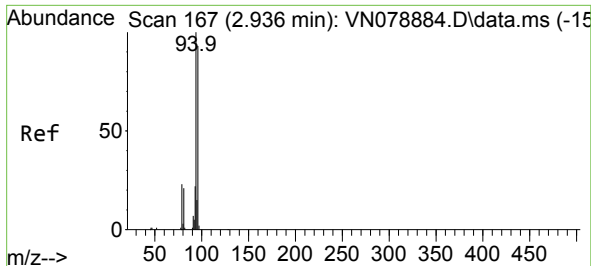
Tgt Ion: 50 Resp: 150236
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 45.241 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

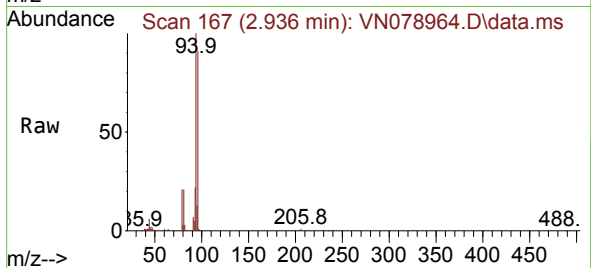
Tgt Ion: 62 Resp: 153041
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2



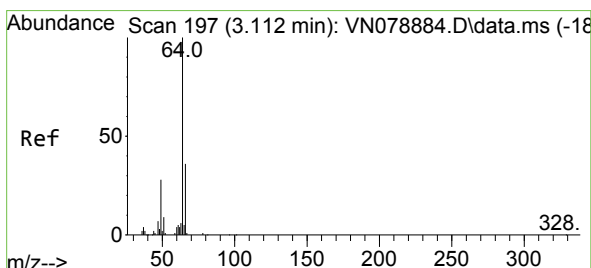
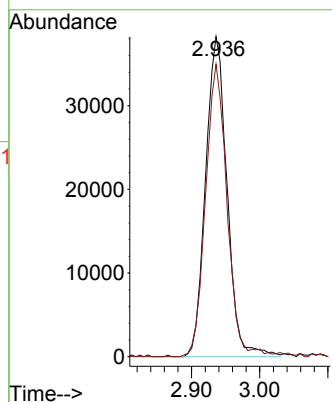
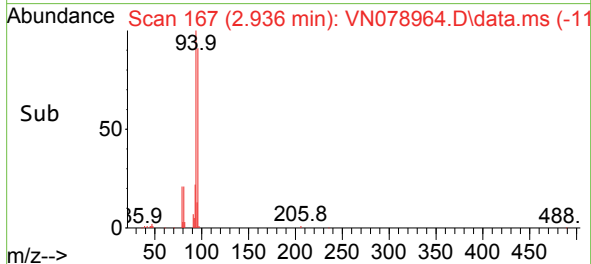


#5
Bromomethane
Concen: 43.136 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078964.D
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ClientSampleId :

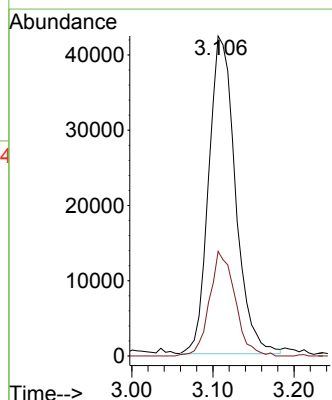
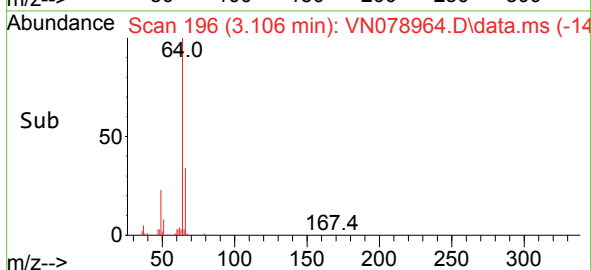
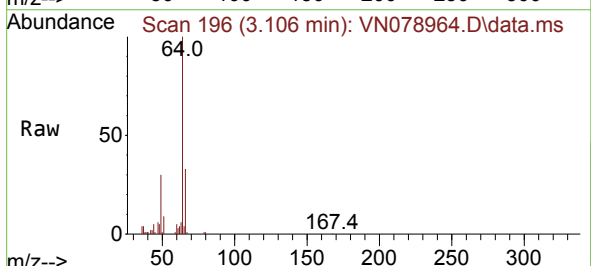


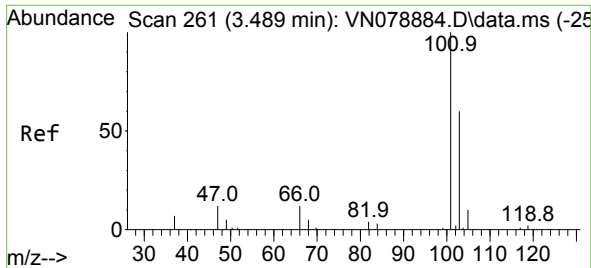
Tgt Ion: 94 Resp: 83778
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7



#6
Chloroethane
Concen: 40.914 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

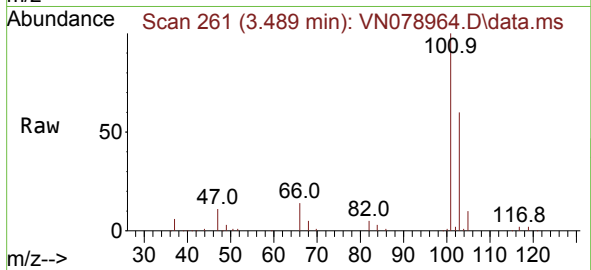
Tgt Ion: 64 Resp: 96755
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2



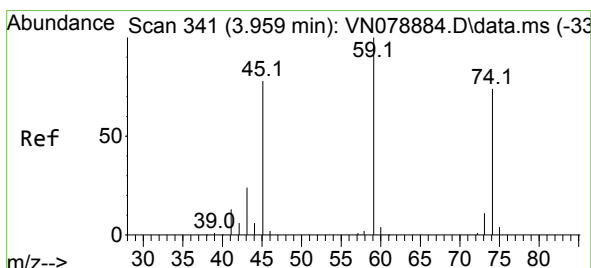
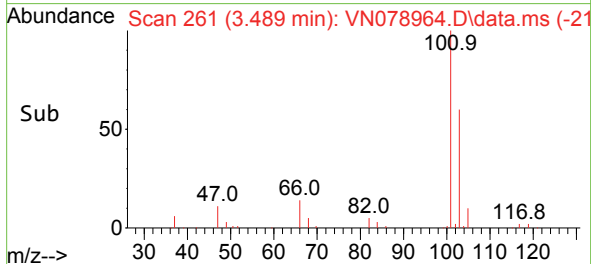
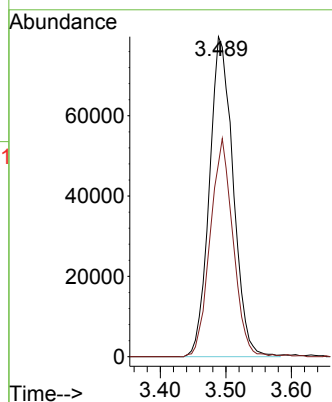


#7
 Trichlorofluoromethane
 Concen: 48.581 ug/l
 RT: 3.489 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VN078964.D
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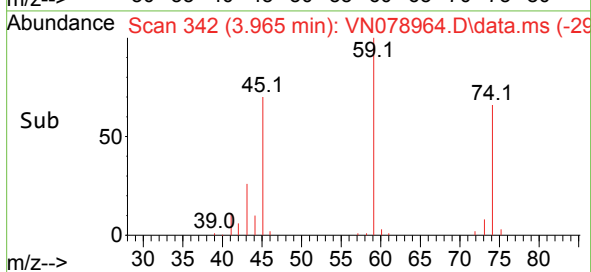
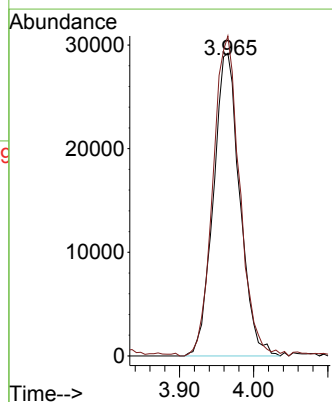
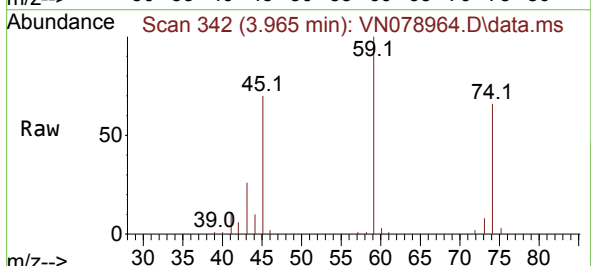


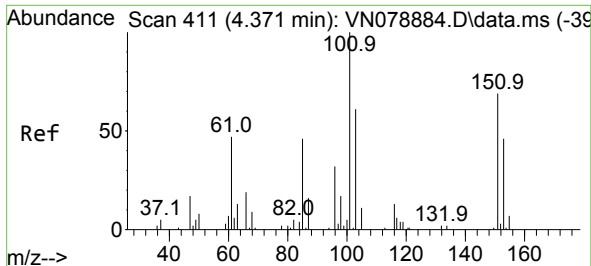
Tgt Ion:101 Resp: 200161
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.247 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

Tgt Ion: 74 Resp: 72236
 Ion Ratio Lower Upper
 74 100
 45 107.1 34.4 103.3#

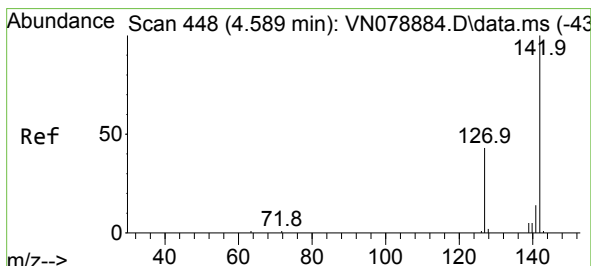
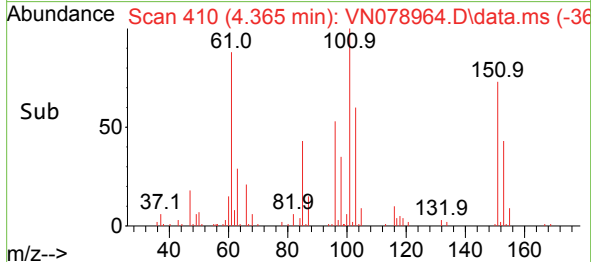
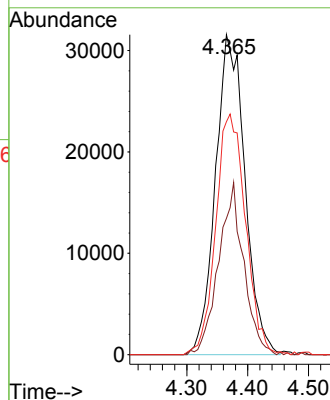
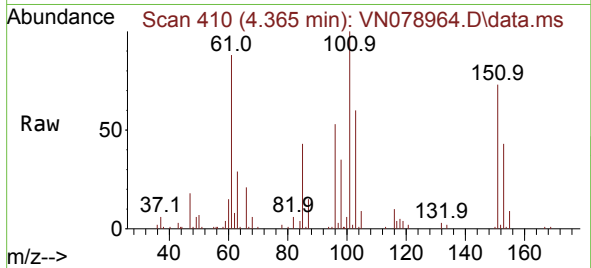




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.355 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
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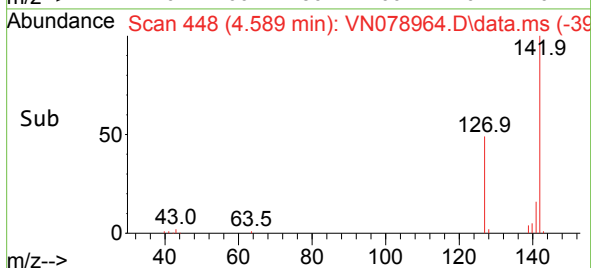
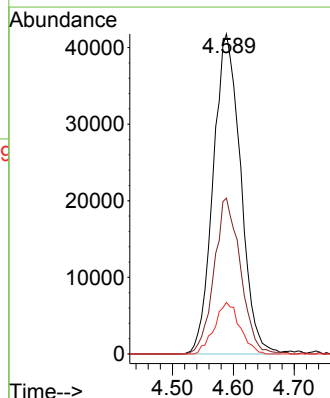
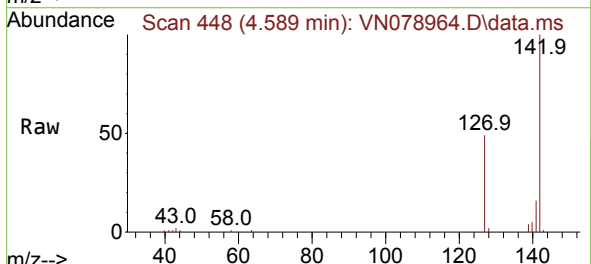
Instrument :
MSVOA_N
ClientSampleId :

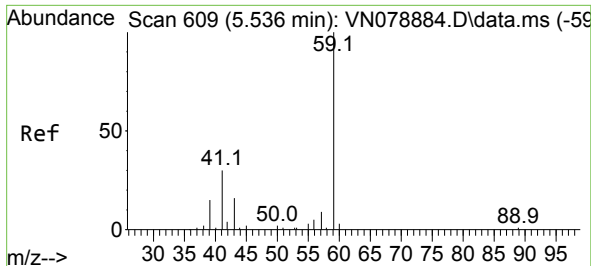
Tgt Ion:101 Resp: 106110
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 76.0 57.6 86.4



#10
Methyl Iodide
Concen: 53.139 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

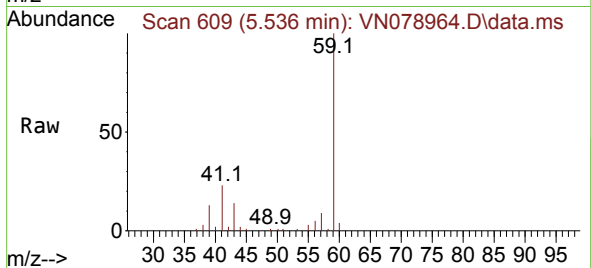
Tgt Ion:142 Resp: 130466
Ion Ratio Lower Upper
142 100
127 48.7 37.6 56.4
141 16.1 11.4 17.0



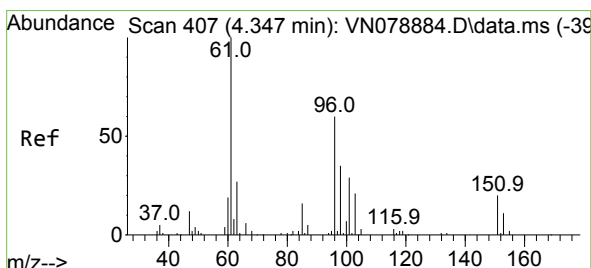
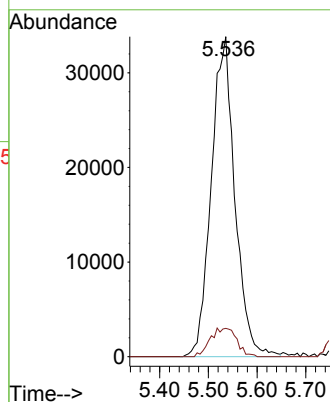
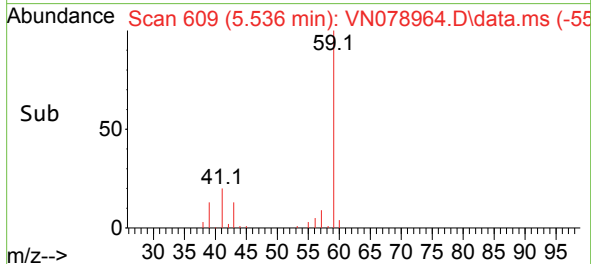


#11
Tert butyl alcohol
Concen: 218.893 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

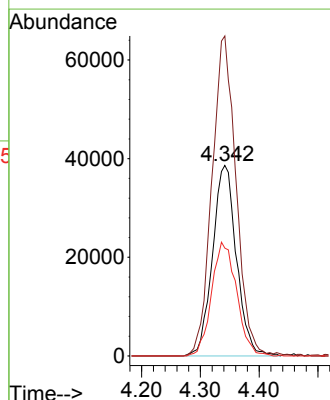
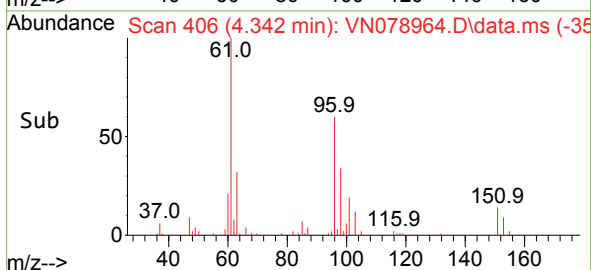
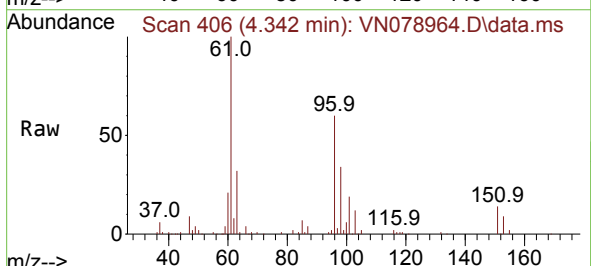


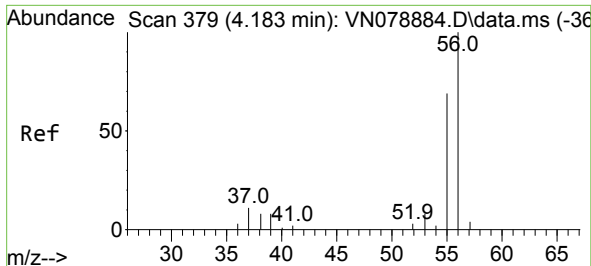
Tgt Ion: 59 Resp: 113801
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.028 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

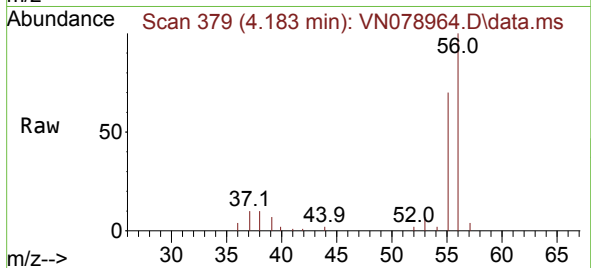
Tgt Ion: 96 Resp: 109075
Ion Ratio Lower Upper
96 100
61 168.0 112.7 169.1
98 56.6 51.2 76.8



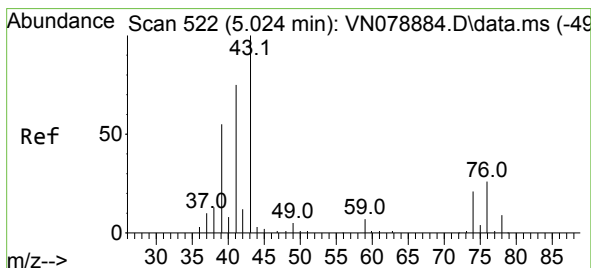
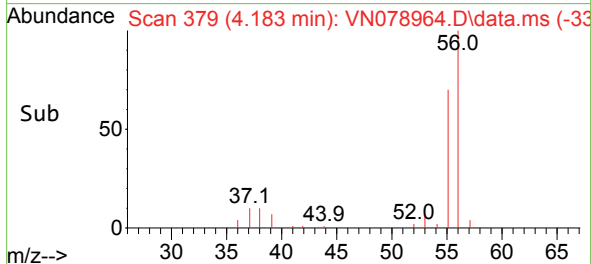
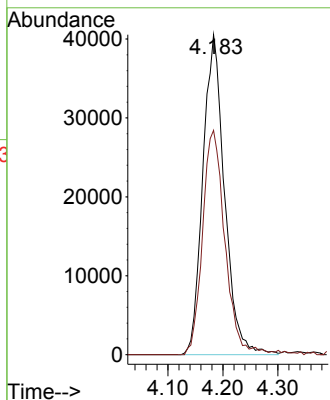


#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

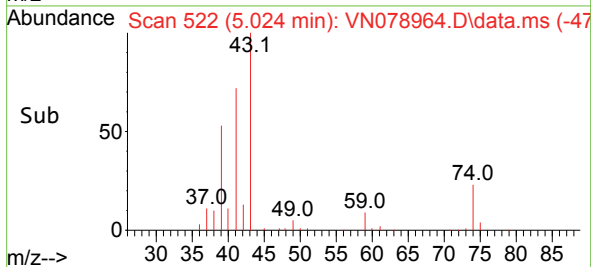
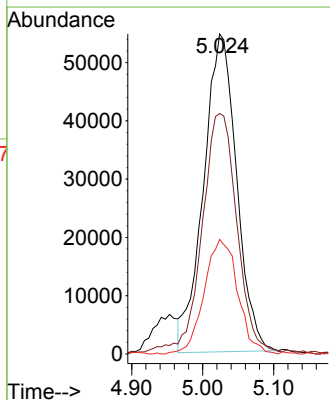
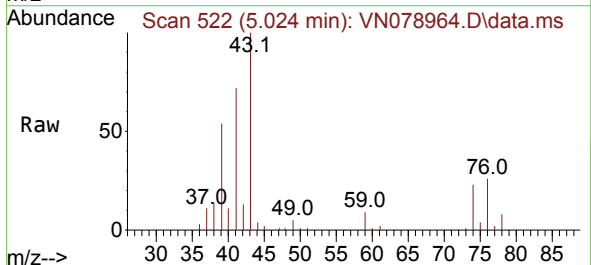


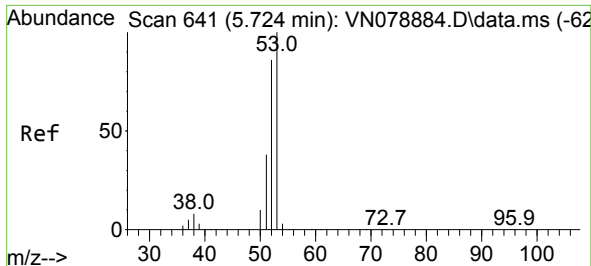
Tgt Ion: 56 Resp: 111058
Ion Ratio Lower Upper
56 100
55 72.0 54.5 81.7



#14
Allyl chloride
Concen: 41.536 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

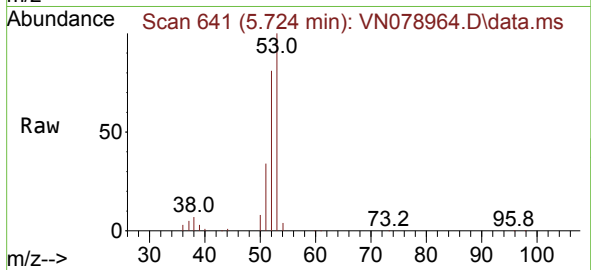
Tgt Ion: 41 Resp: 176711
Ion Ratio Lower Upper
41 100
39 80.5 58.8 88.2
76 36.5 39.1 58.7#



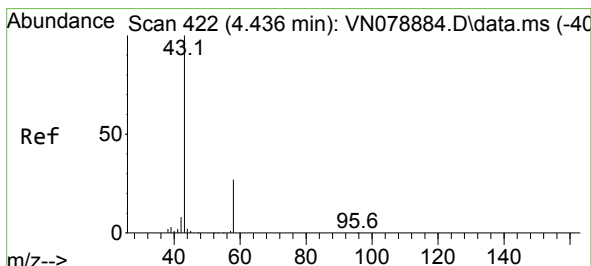
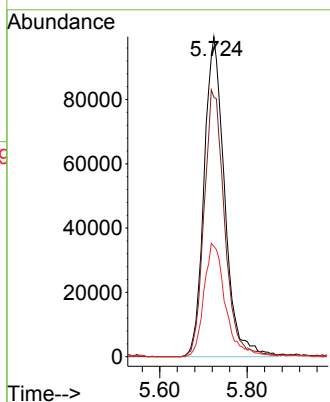
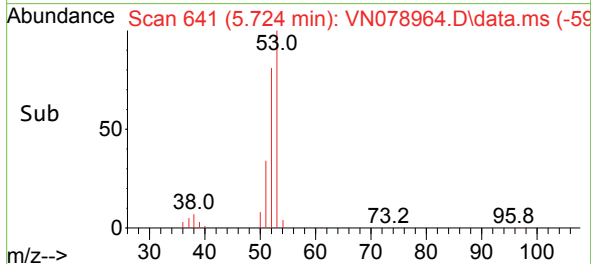


#15
Acrylonitrile
Concen: 230.530 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

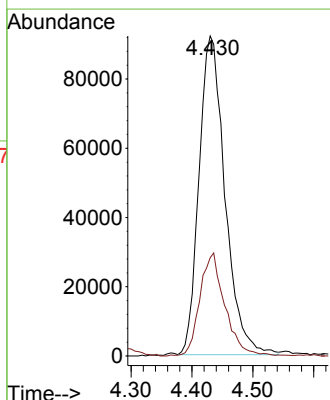
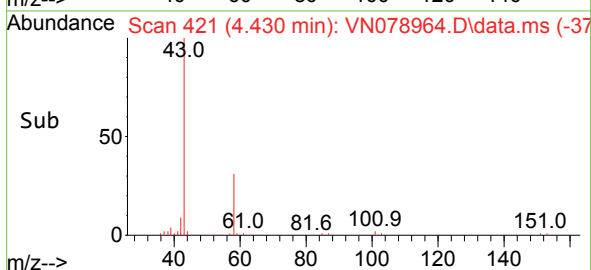
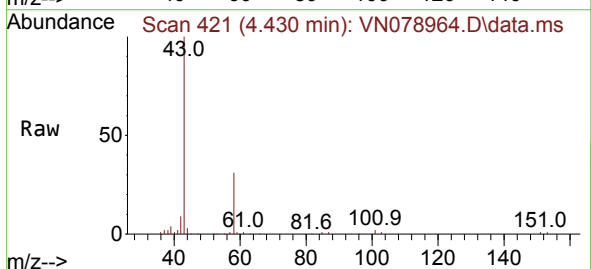


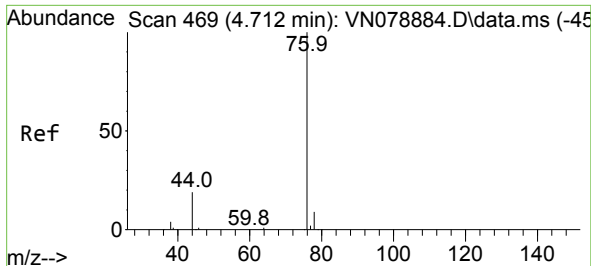
Tgt Ion: 53 Resp: 324684
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 213.467 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 43 Resp: 272894
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0

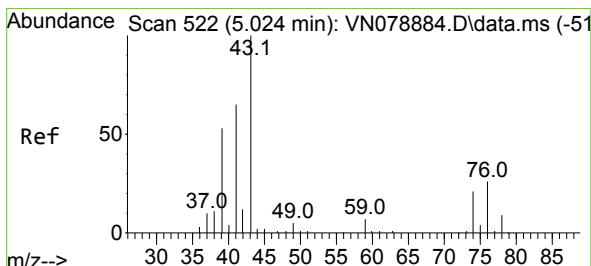
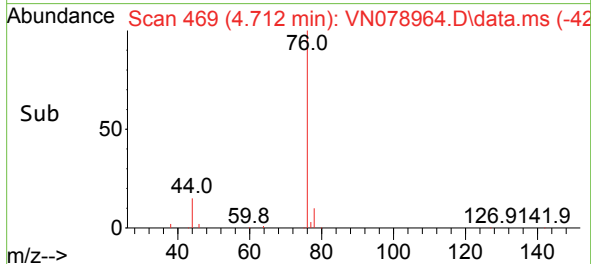
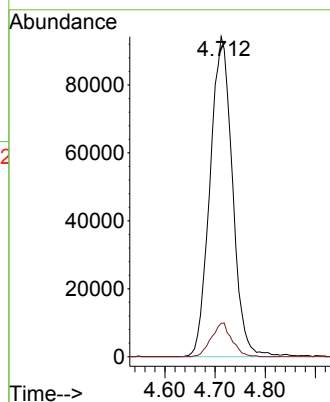
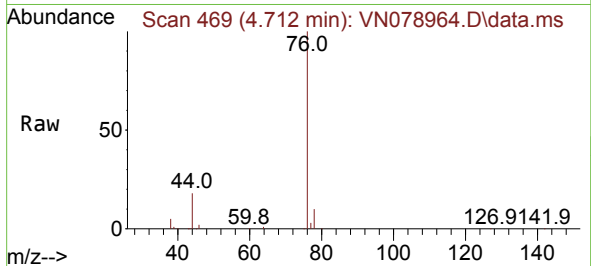




#17
Carbon Disulfide
Concen: 48.900 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

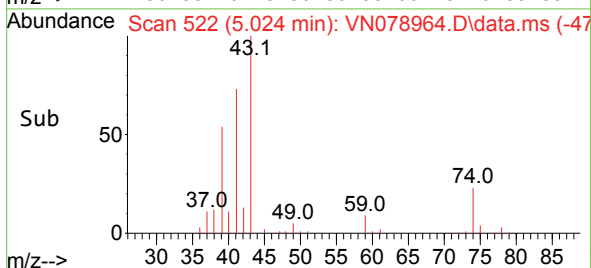
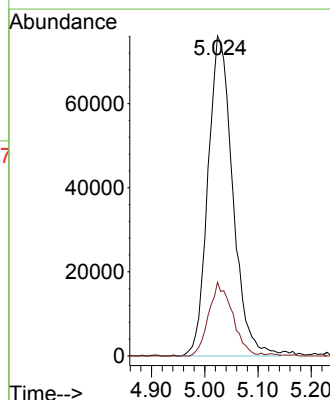
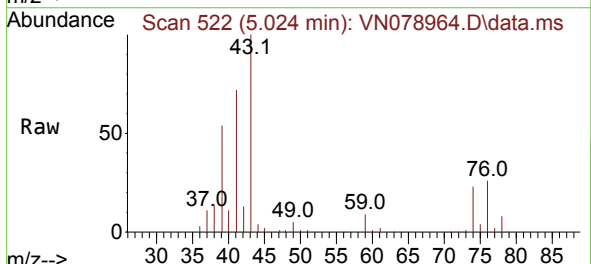
Instrument :
MSVOA_N
ClientSampleId :

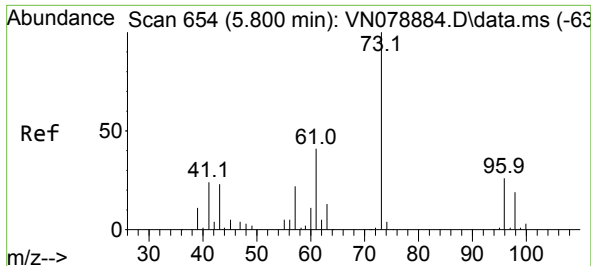
Tgt Ion: 76 Resp: 292588
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#18
Methyl Acetate
Concen: 45.532 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 43 Resp: 245896
Ion Ratio Lower Upper
43 100
74 22.0 26.2 39.4#

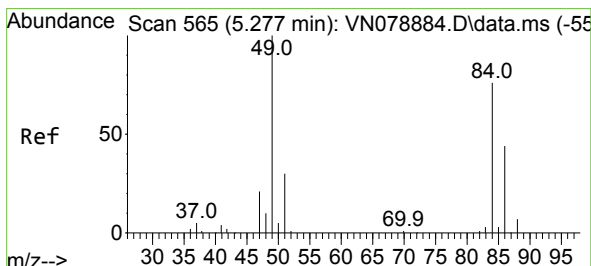
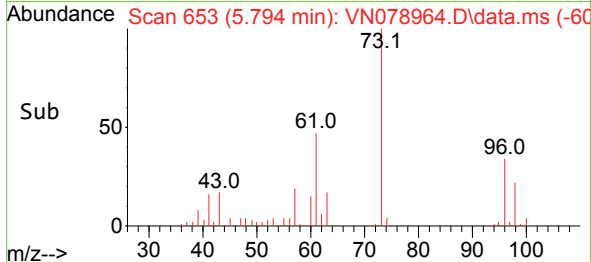
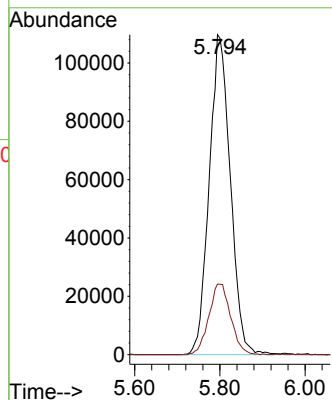
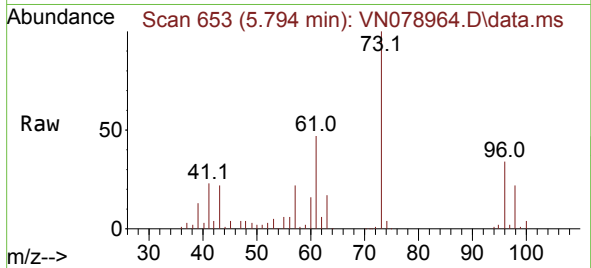




#19
Methyl tert-butyl Ether
Concen: 49.041 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

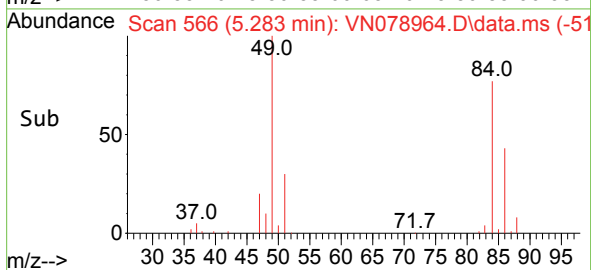
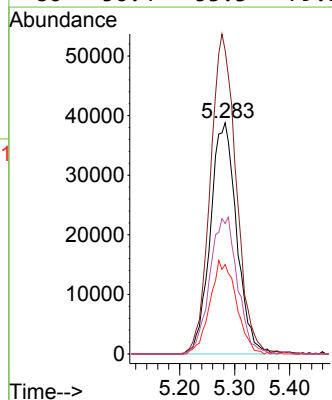
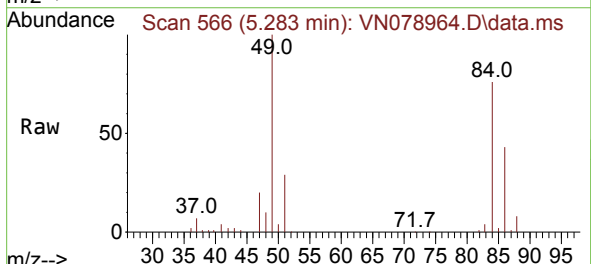
Instrument :
MSVOA_N
ClientSampleId :

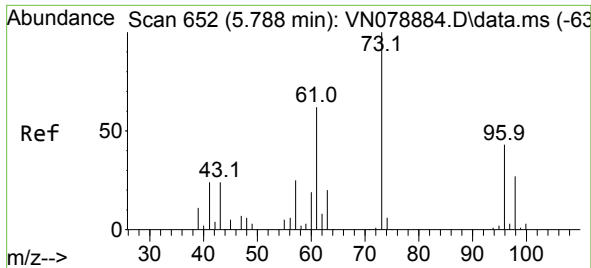
Tgt Ion: 73 Resp: 377615
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4



#20
Methylene Chloride
Concen: 47.422 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

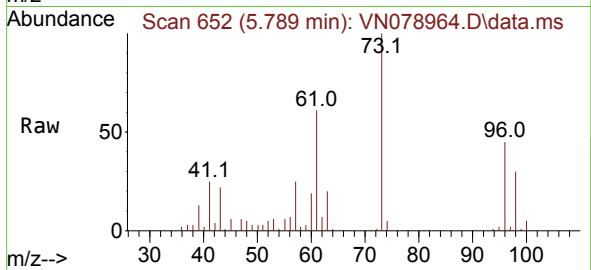
Tgt Ion: 84 Resp: 129194
Ion Ratio Lower Upper
84 100
49 131.4 79.7 119.5#
51 38.7 25.2 37.8#
86 56.4 53.3 79.9



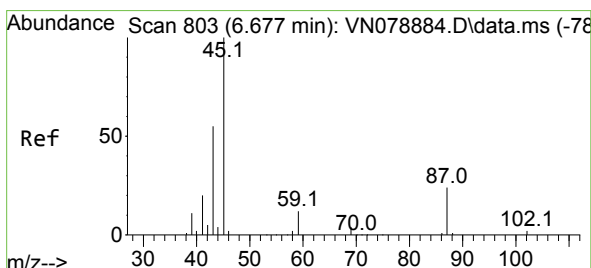
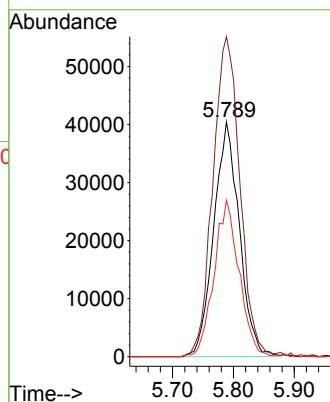
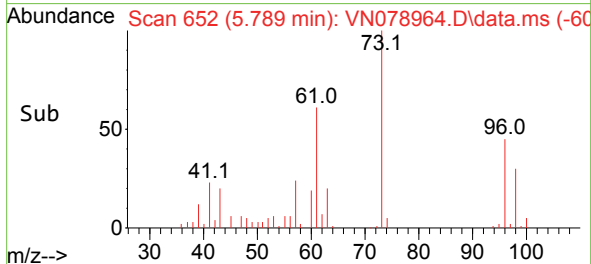


#21
trans-1,2-Dichloroethene
Concen: 49.248 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

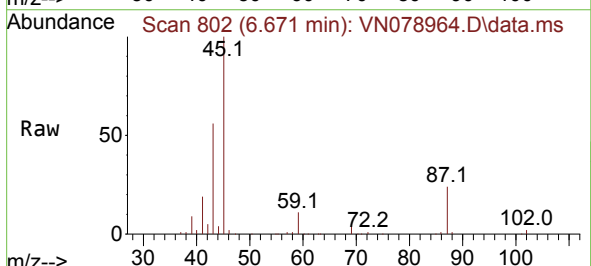
Instrument :
MSVOA_N
ClientSampleId :



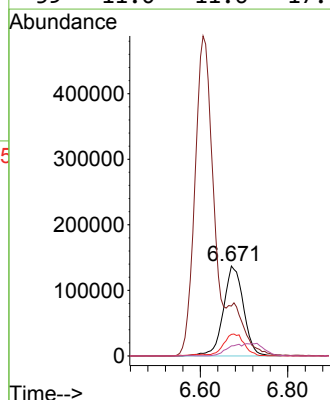
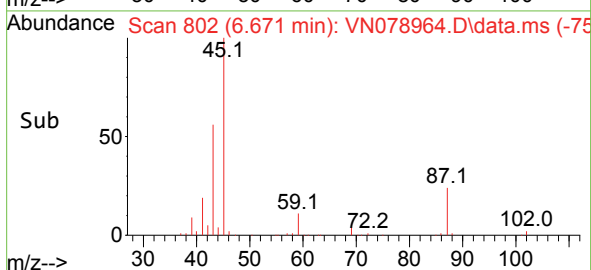
Tgt Ion: 96 Resp: 118046
Ion Ratio Lower Upper
96 100
61 136.3 90.1 135.1#
98 66.6 46.4 69.6

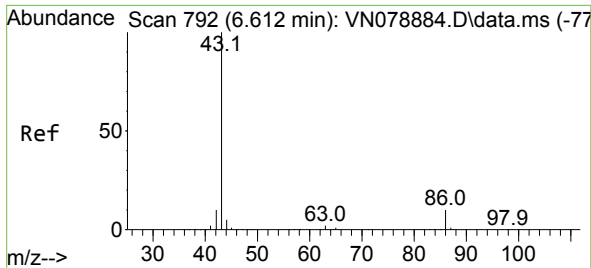


#22
Diisopropyl ether
Concen: 48.560 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02



Tgt Ion: 45 Resp: 437052
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 23.9 31.8 47.8#
59 11.0 11.6 17.4#

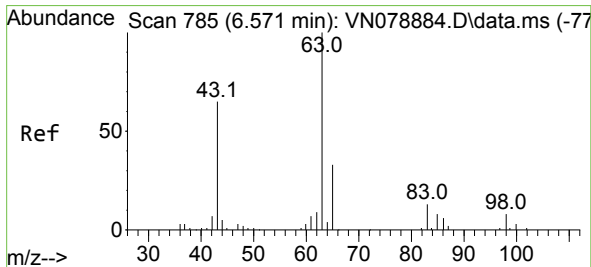
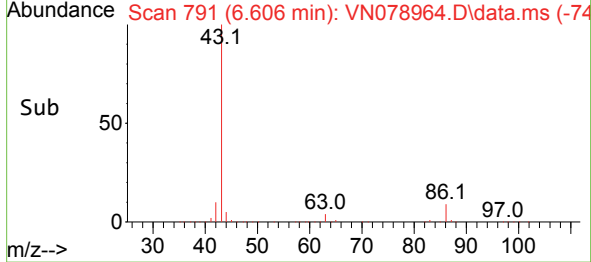
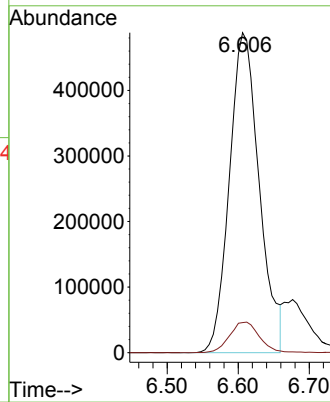
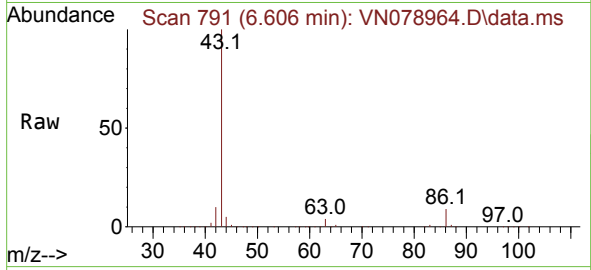




#23
 Vinyl Acetate
 Concen: 240.786 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

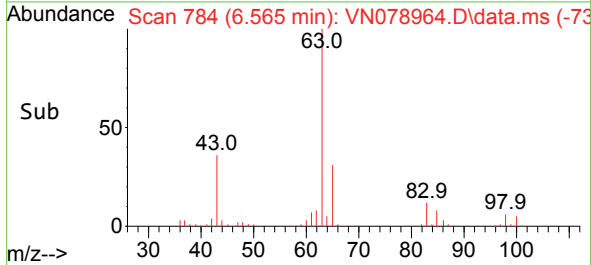
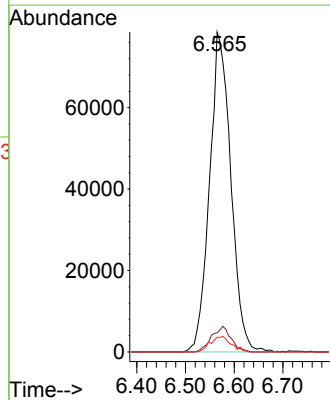
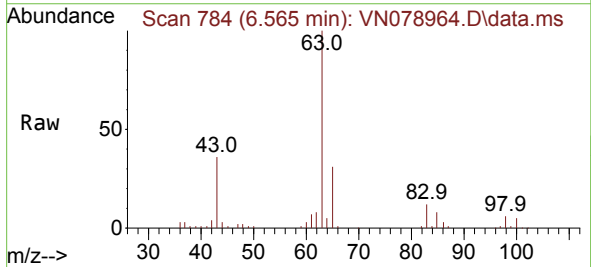
Instrument :
 MSVOA_N
 ClientSampleId :

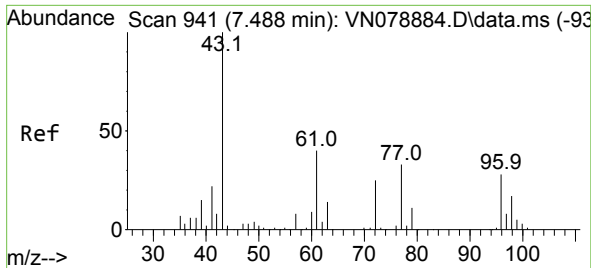
Tgt Ion: 43 Resp: 1426920
 Ion Ratio Lower Upper
 43 100
 86 9.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.499 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

Tgt Ion: 63 Resp: 238457
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.6 2.5 7.4

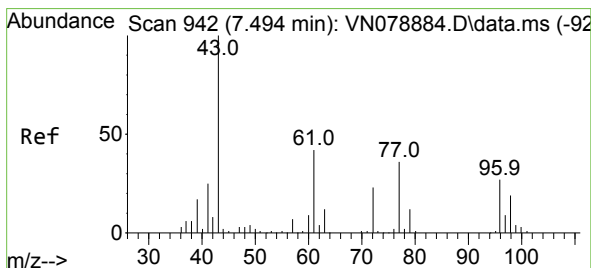
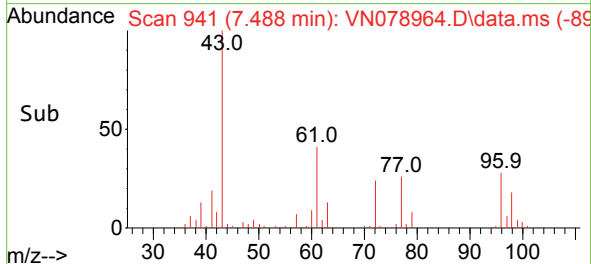
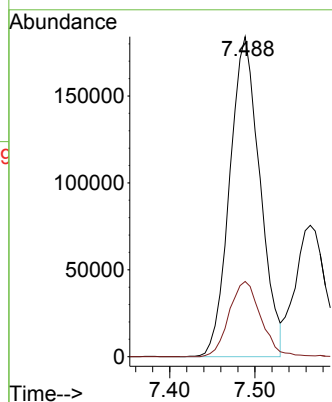
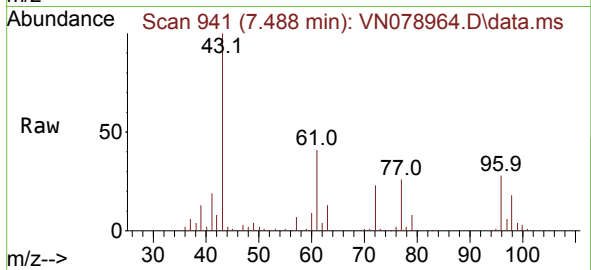




#25
2-Butanone
Concen: 221.667 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

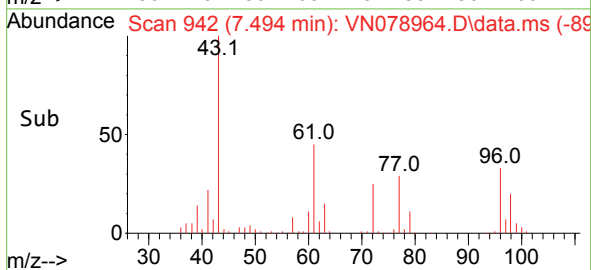
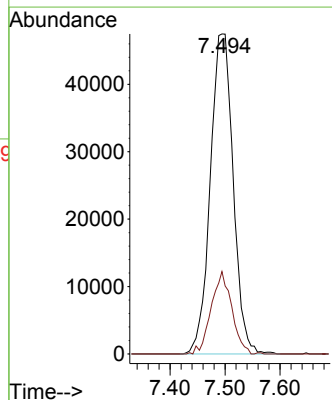
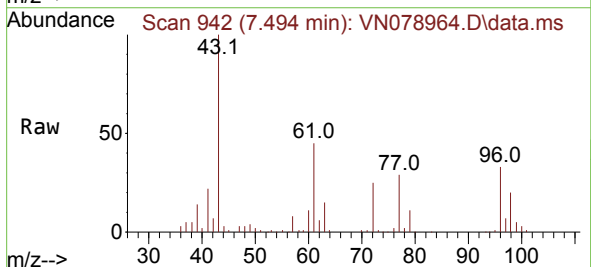
Instrument :
MSVOA_N
ClientSampleId :

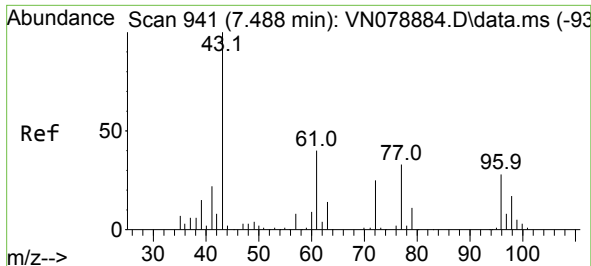
Tgt Ion: 43 Resp: 454330
Ion Ratio Lower Upper
43 100
72 23.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 34.542 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

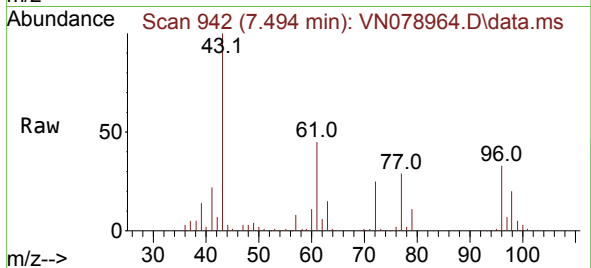
Tgt Ion: 77 Resp: 137282
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



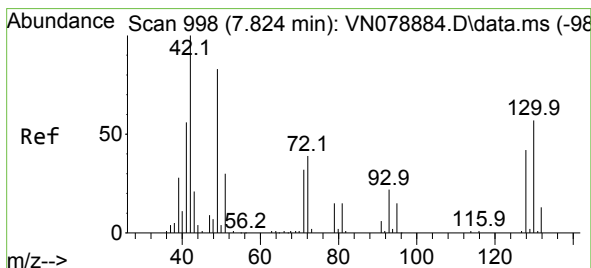
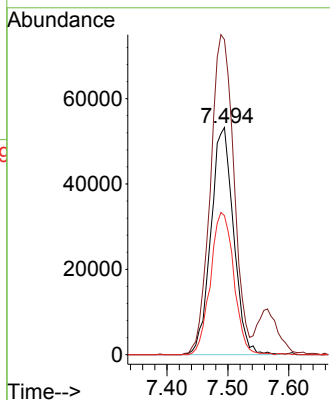
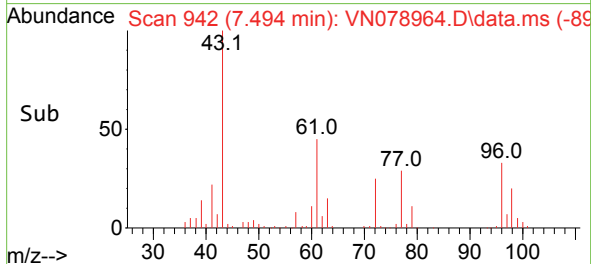


#27
 cis-1,2-Dichloroethene
 Concen: 47.335 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

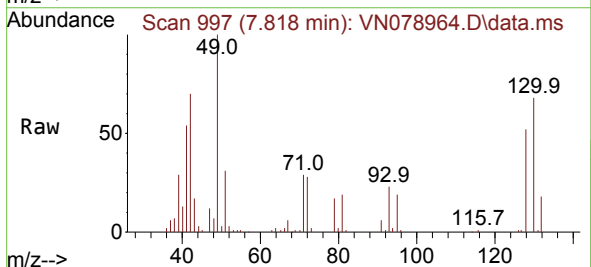
Instrument :
 MSVOA_N
 ClientSampleId :



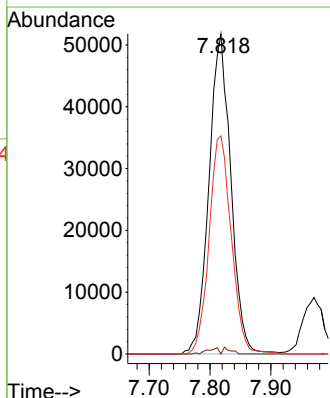
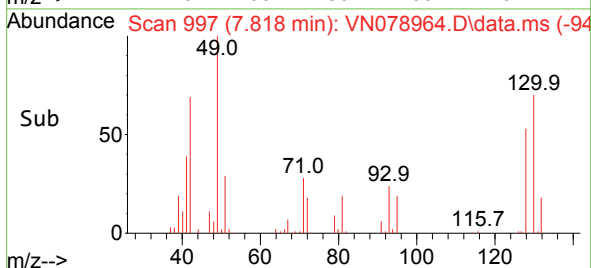
Tgt Ion: 96 Resp: 137906
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 255.2
 98 64.3 0.0 128.8

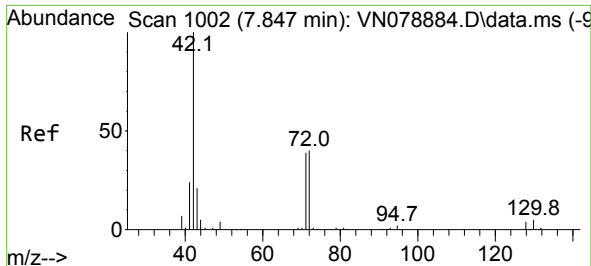


#28
 Bromochloromethane
 Concen: 49.500 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02



Tgt Ion: 49 Resp: 129107
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 69.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 232.229 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

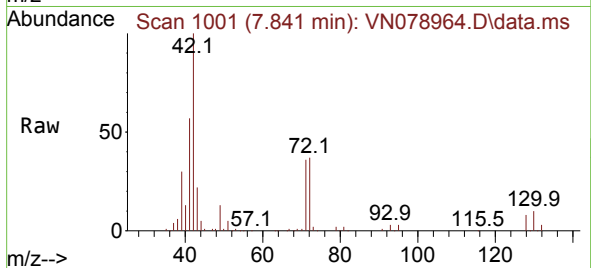
Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :



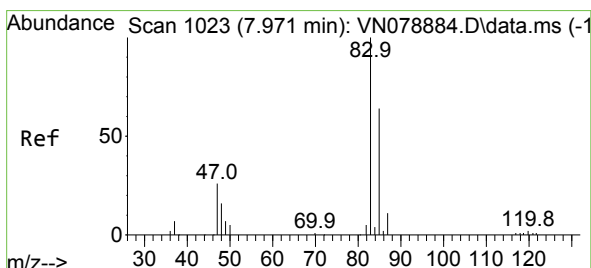
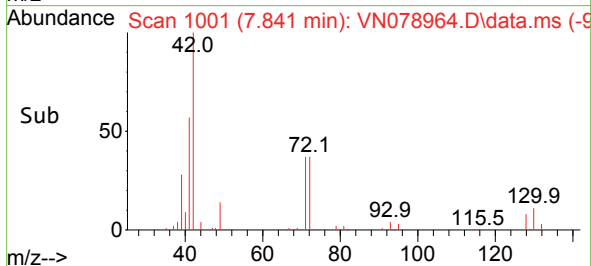
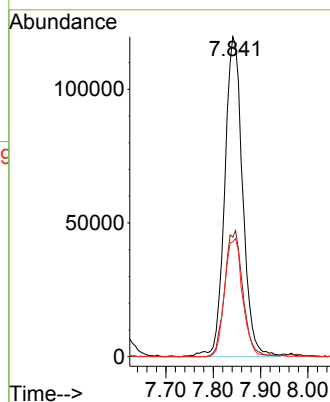
Tgt Ion: 42 Resp: 315047

Ion Ratio Lower Upper

42 100

72 39.9 49.8 74.6#

71 37.0 47.4 71.2#



#30

Chloroform

Concen: 48.394 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078964.D

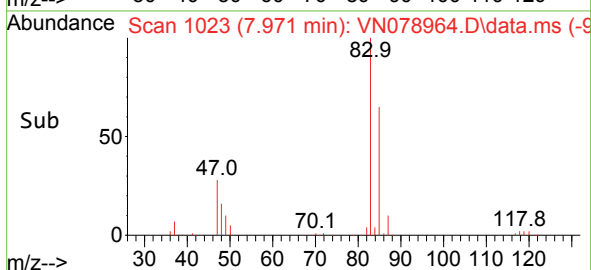
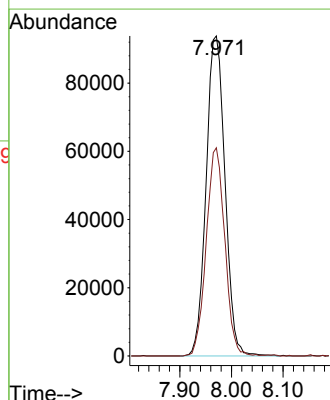
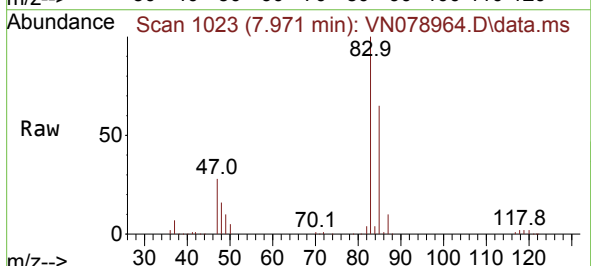
Acq: 19 Aug 2023 00:02

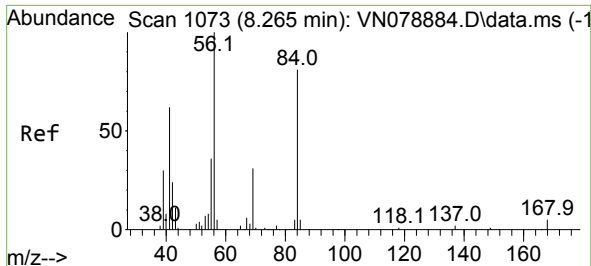
Tgt Ion: 83 Resp: 237714

Ion Ratio Lower Upper

83 100

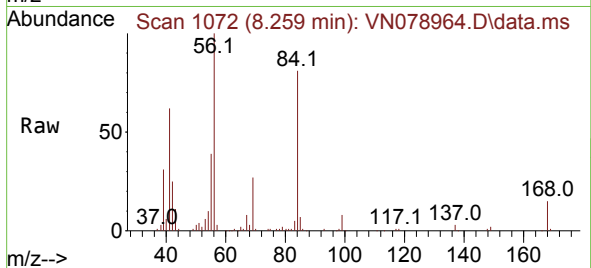
85 65.0 55.4 83.0



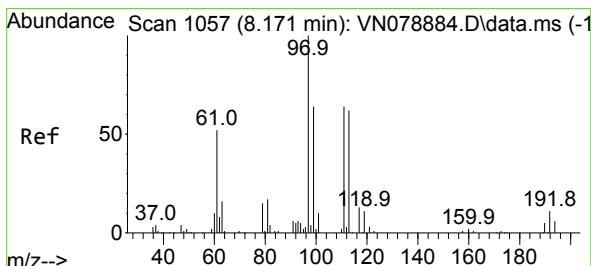
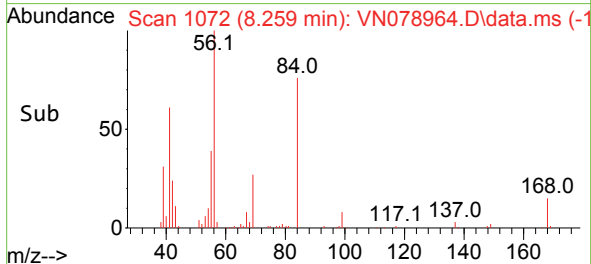
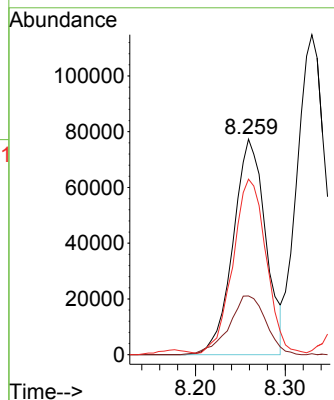


#31
Cyclohexane
Concen: 50.431 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

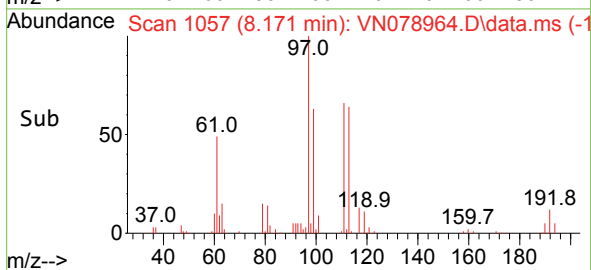
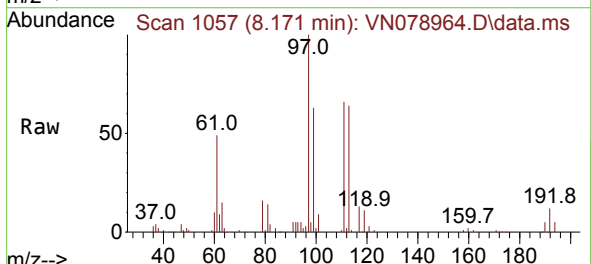
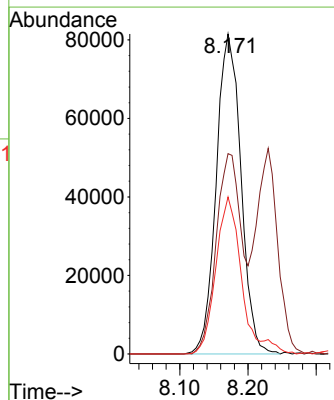


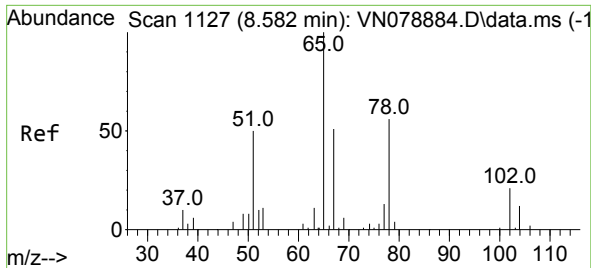
Tgt Ion: 56 Resp: 194771
Ion Ratio Lower Upper
56 100
69 27.3 26.8 40.2
84 79.6 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 49.111 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 97 Resp: 205696
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

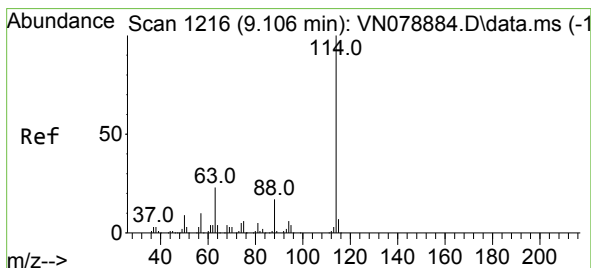
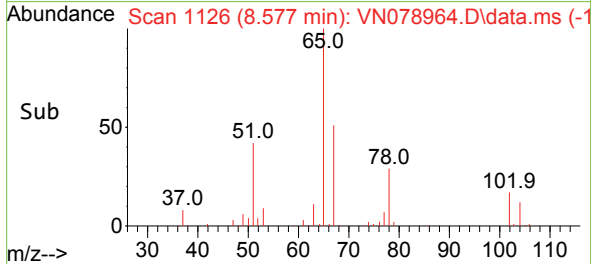
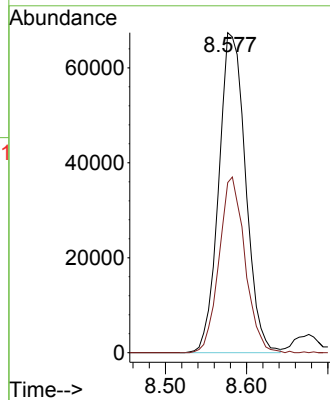
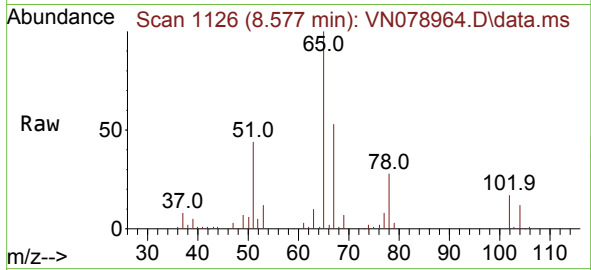
ClientSampleId :

Tgt Ion: 65 Resp: 154527

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

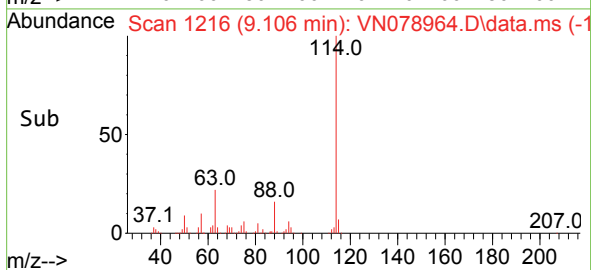
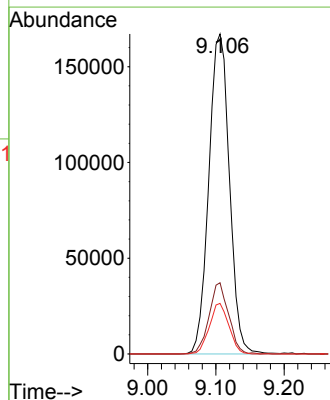
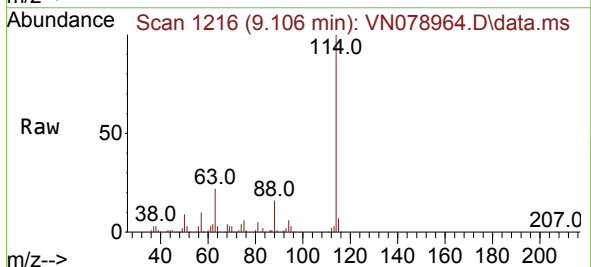
Tgt Ion: 114 Resp: 351657

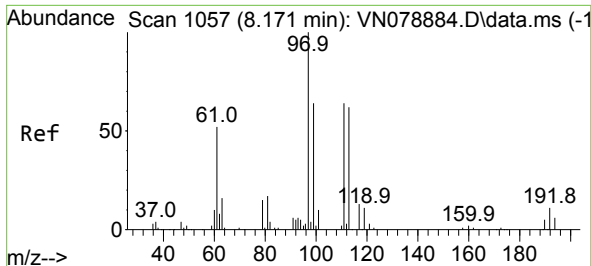
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.693 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

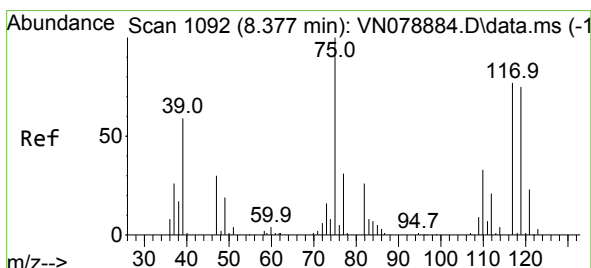
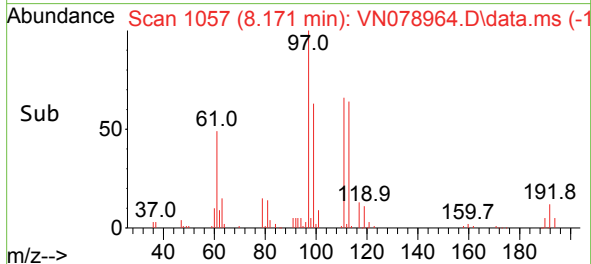
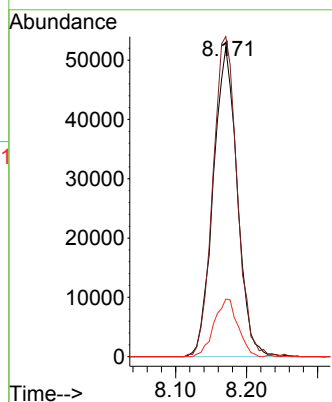
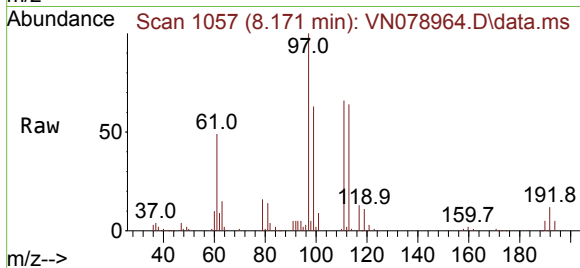
Tgt Ion:113 Resp: 122367

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 50.131 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

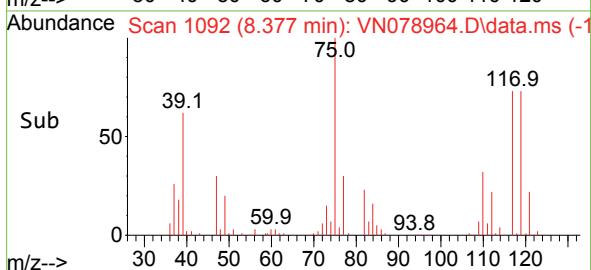
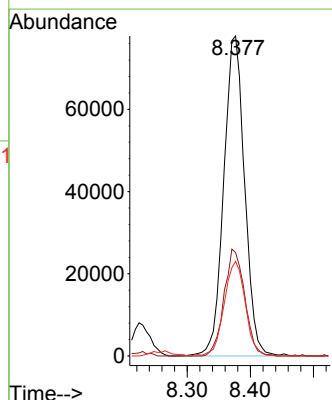
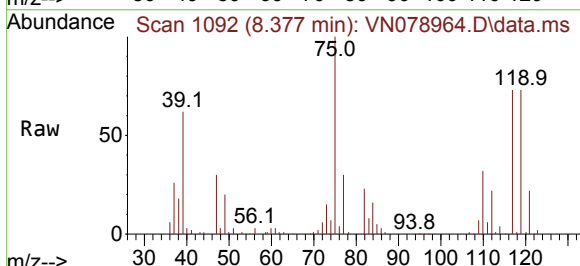
Tgt Ion: 75 Resp: 178508

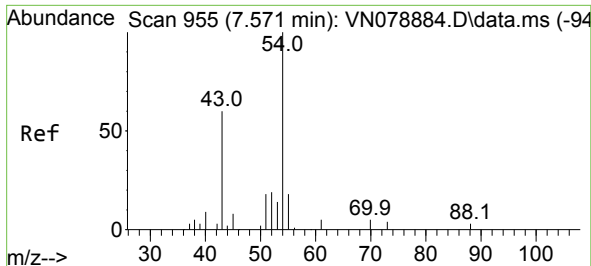
Ion Ratio Lower Upper

75 100

110 33.1 19.1 57.3

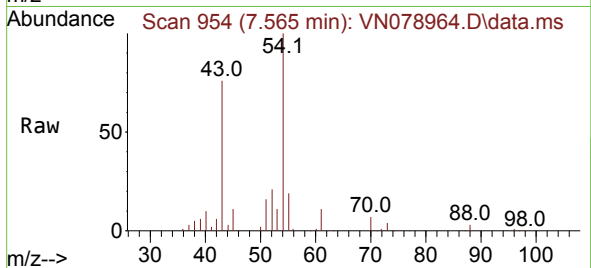
77 29.9 25.0 37.4



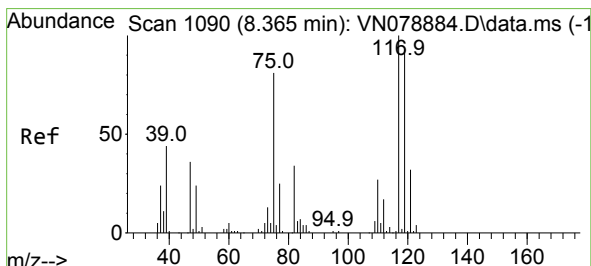
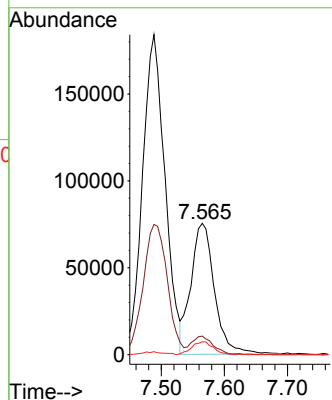
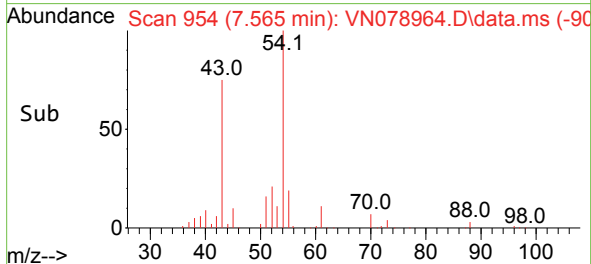


#37
Ethyl Acetate
Concen: 49.155 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

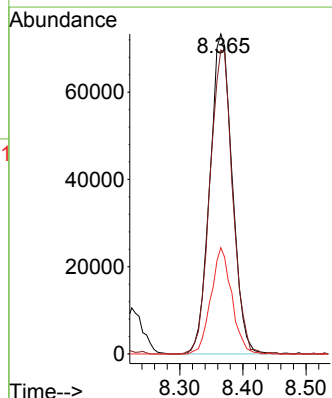
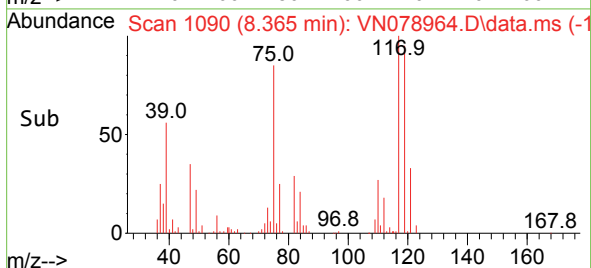
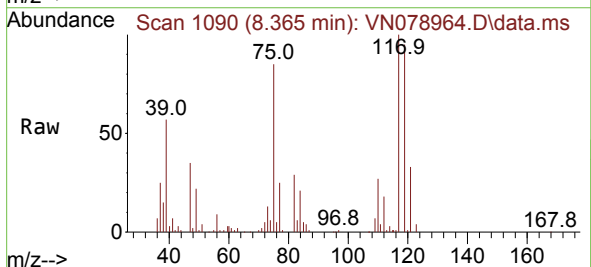


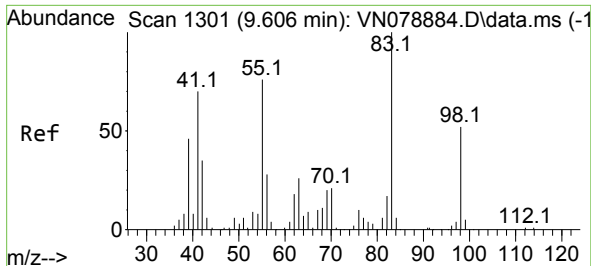
Tgt Ion: 43 Resp: 195835
Ion Ratio Lower Upper
43 100
61 13.4 13.2 19.8
70 9.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 50.658 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 117 Resp: 180742
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 33.2 23.3 34.9





#39

Methylcyclohexane

Concen: 50.074 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

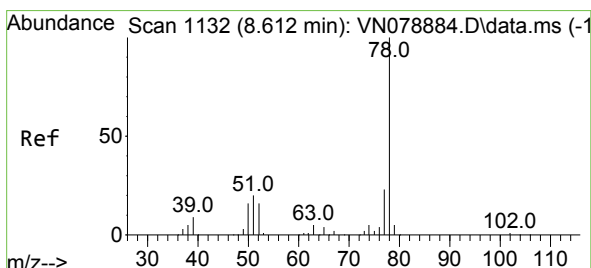
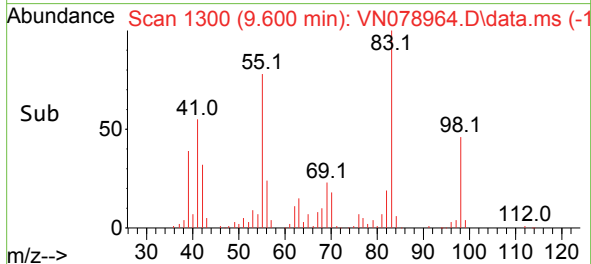
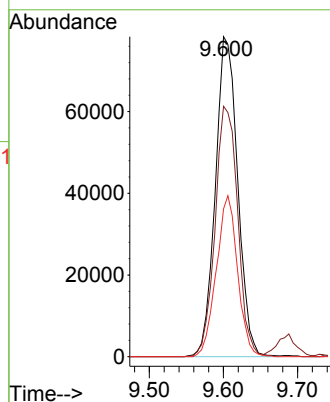
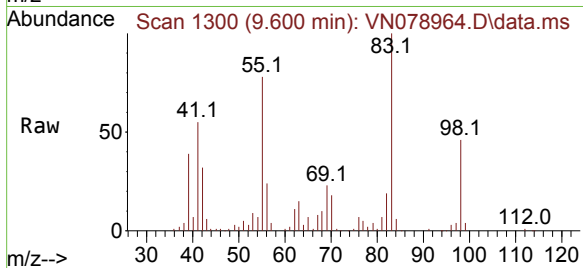
Tgt Ion: 83 Resp: 163986

Ion Ratio Lower Upper

83 100

55 78.3 49.1 73.7#

98 46.2 40.6 61.0



#40

Benzene

Concen: 49.969 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078964.D

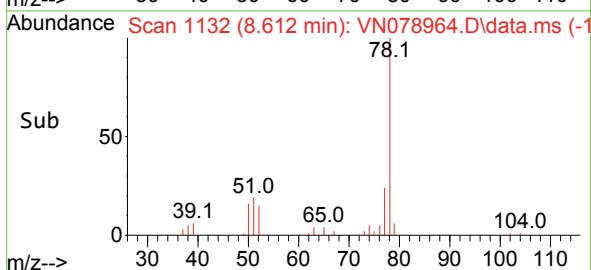
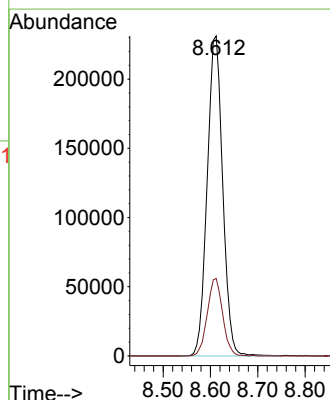
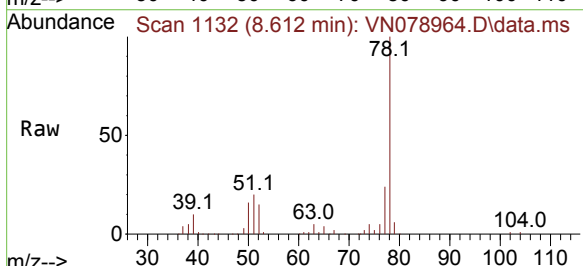
Acq: 19 Aug 2023 00:02

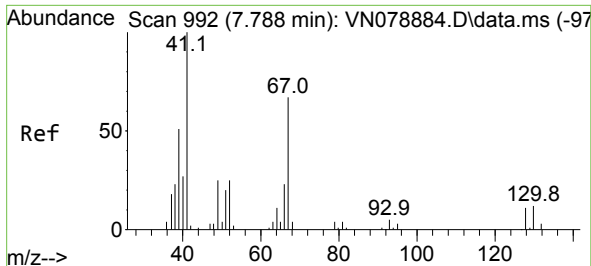
Tgt Ion: 78 Resp: 525927

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

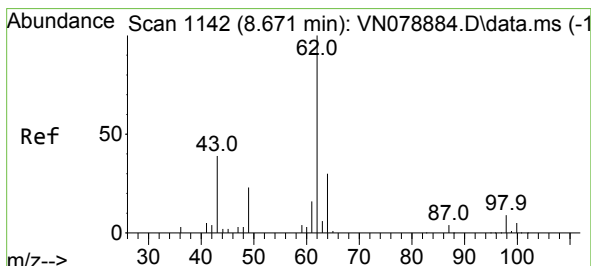
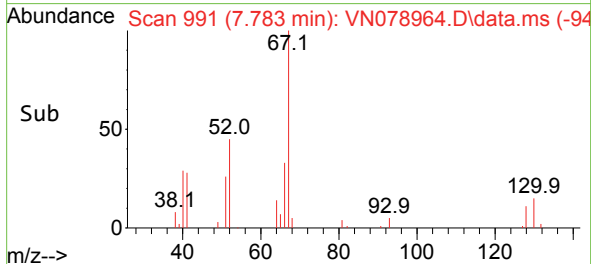
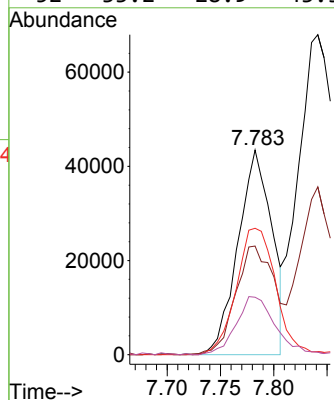
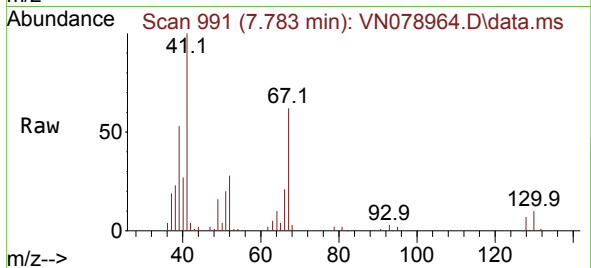




#41
Methacrylonitrile
Concen: 44.326 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

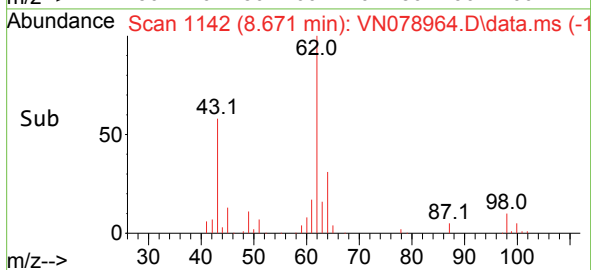
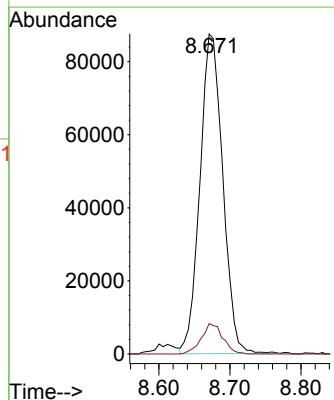
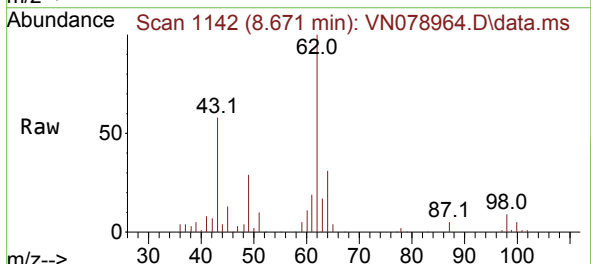
Instrument :
MSVOA_N
ClientSampleId :

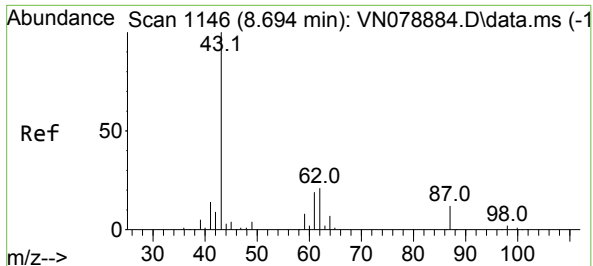
Tgt Ion:	41	Resp:	96180
Ion	Ratio	Lower	Upper
41	100		
39	62.9	42.6	64.0
67	72.2	77.5	116.3
52	33.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.732 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

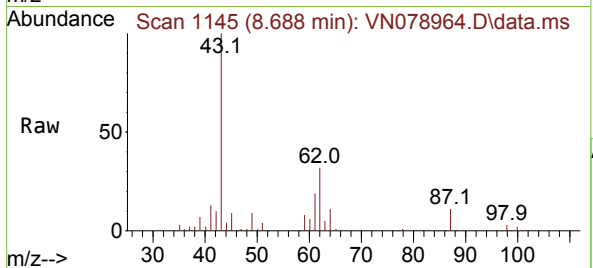
Tgt Ion:	62	Resp:	195551
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8



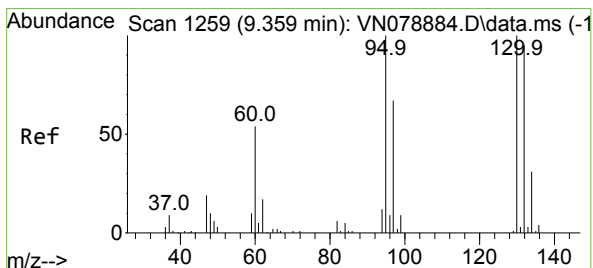
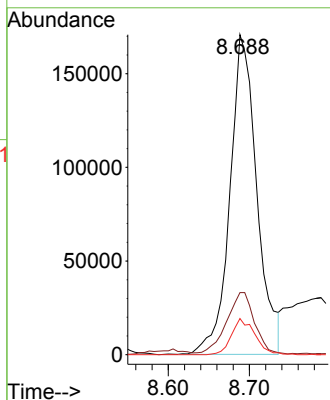
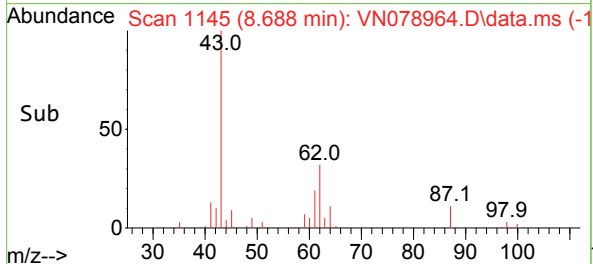


#43
Isopropyl Acetate
Concen: 56.042 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

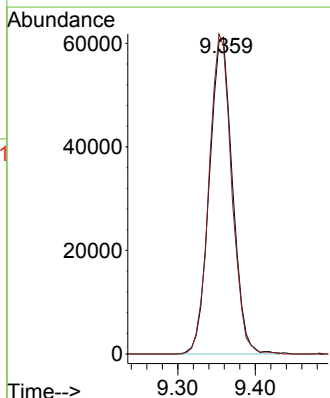
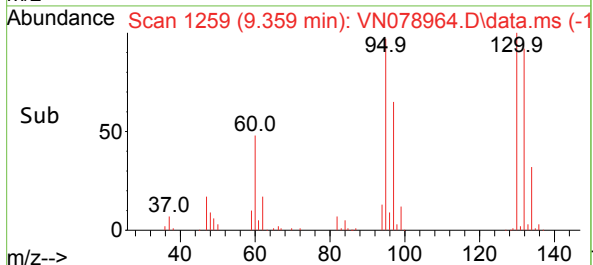
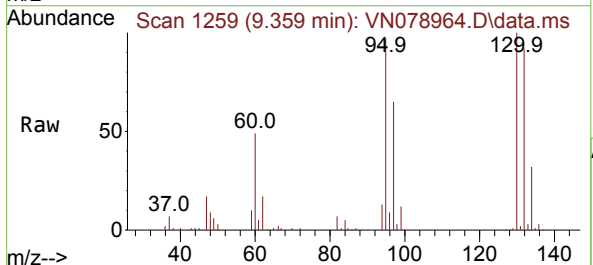


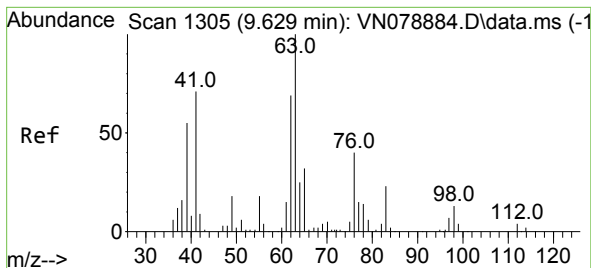
Tgt Ion: 43 Resp: 394640
Ion Ratio Lower Upper
43 100
61 20.0 24.7 37.1#
87 9.8 14.6 21.8#



#44
Trichloroethene
Concen: 50.552 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:130 Resp: 126423
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.291 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

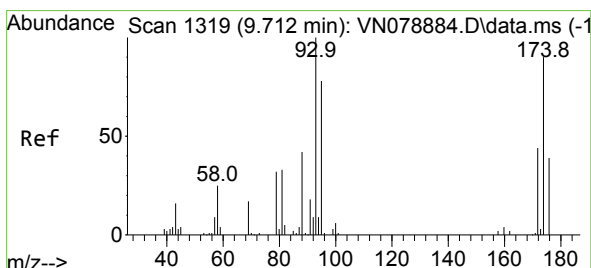
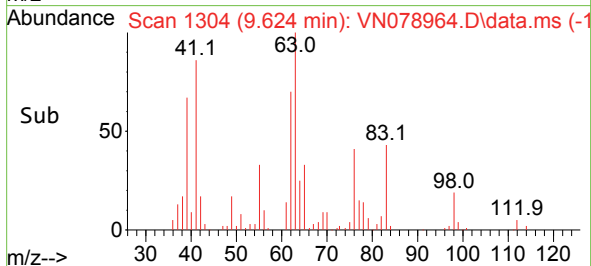
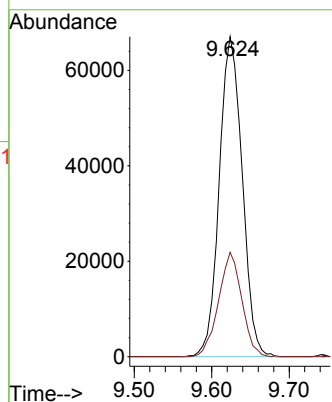
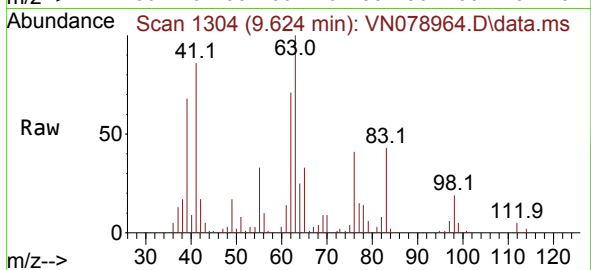
ClientSampleId :

Tgt Ion: 63 Resp: 138124

Ion Ratio Lower Upper

63 100

65 32.6 23.9 35.9



#46

Dibromomethane

Concen: 48.815 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

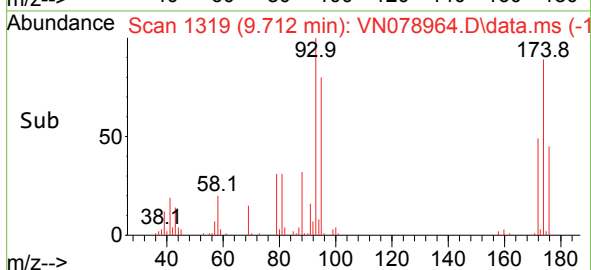
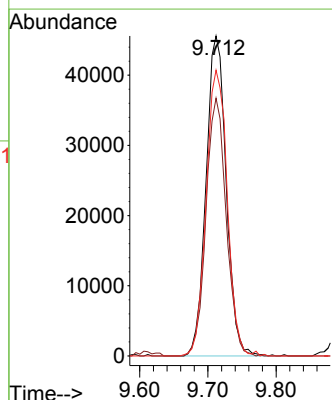
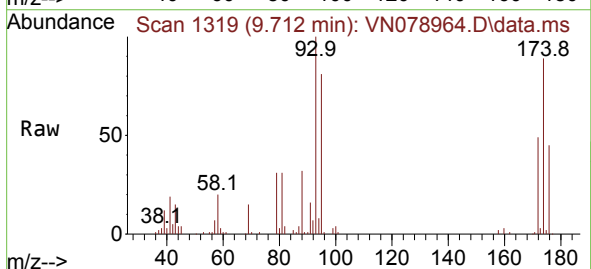
Tgt Ion: 93 Resp: 93824

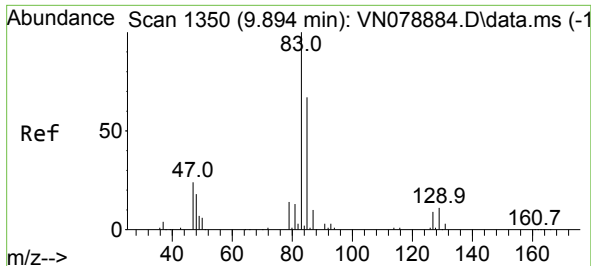
Ion Ratio Lower Upper

93 100

95 81.0 63.8 95.8

174 93.5 65.6 98.4

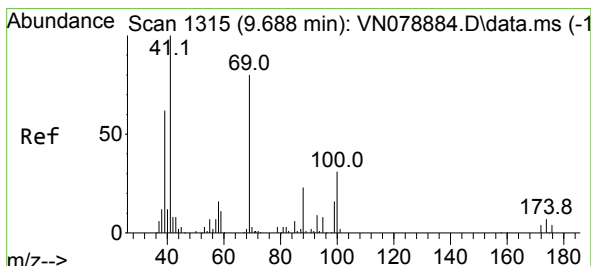
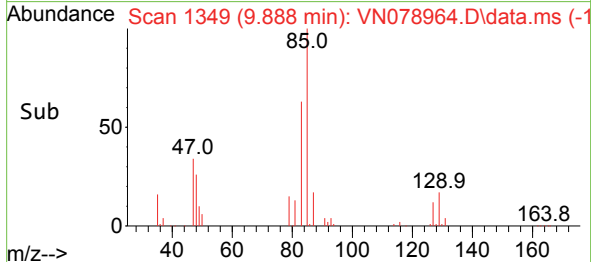
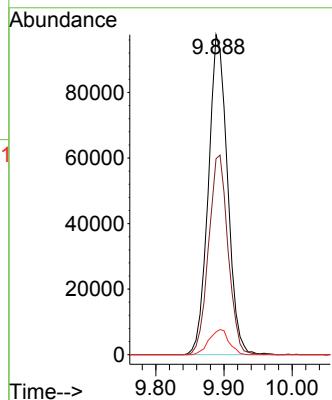
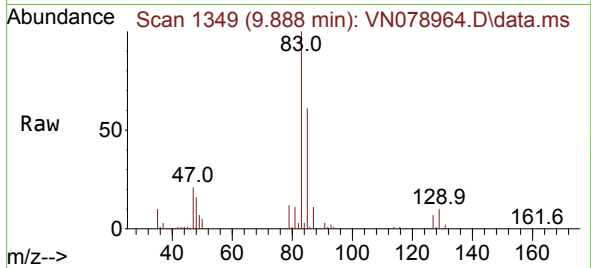




#47
Bromodichloromethane
Concen: 50.292 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

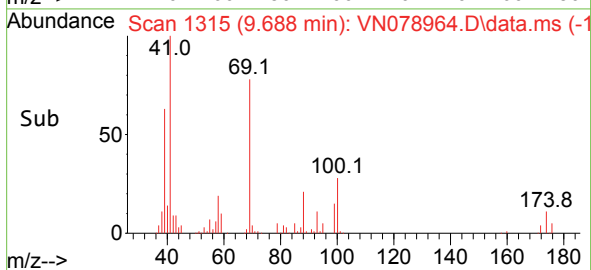
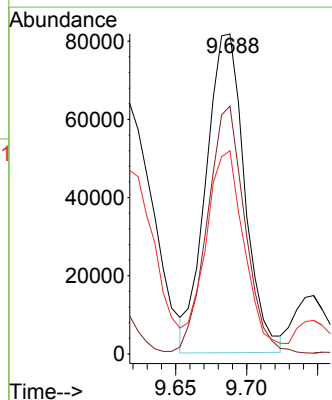
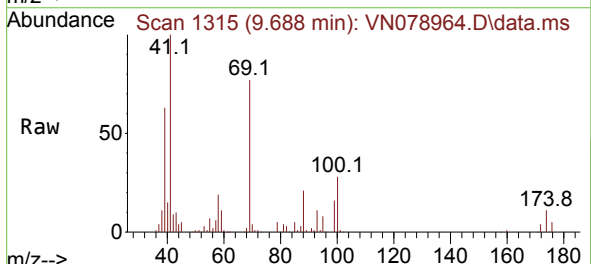
Instrument :
MSVOA_N
ClientSampleId :

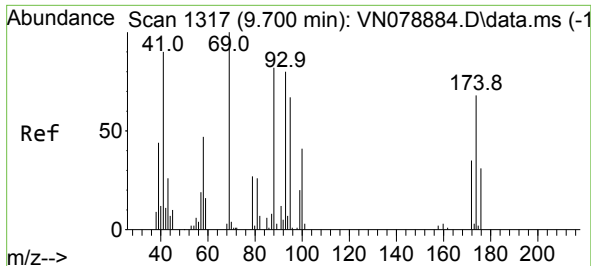
Tgt Ion: 83 Resp: 190873
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 7.1 7.0 10.6



#48
Methyl methacrylate
Concen: 48.423 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

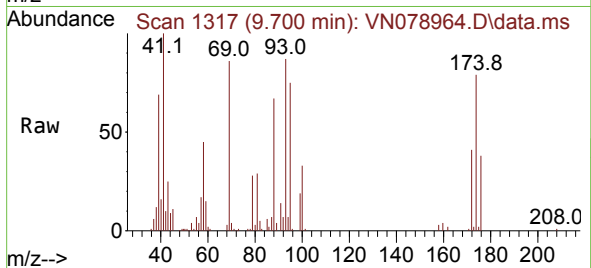
Tgt Ion: 41 Resp: 154517
Ion Ratio Lower Upper
41 100
69 75.2 90.4 135.6#
39 64.7 54.6 81.8



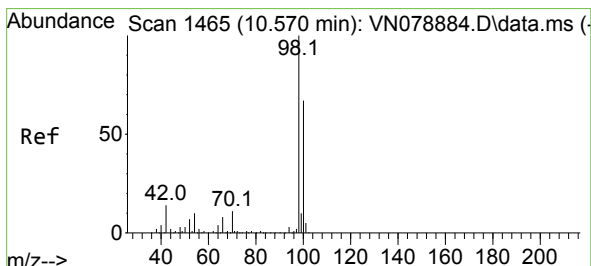
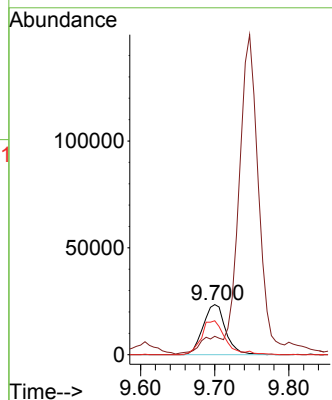
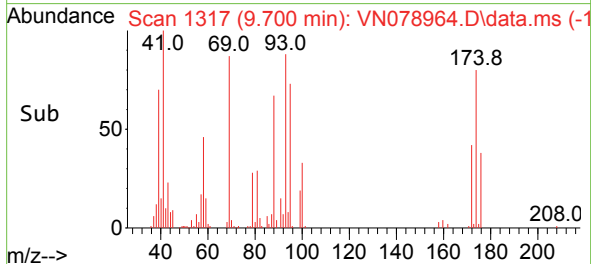


#49
1,4-Dioxane
Concen: 910.785 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

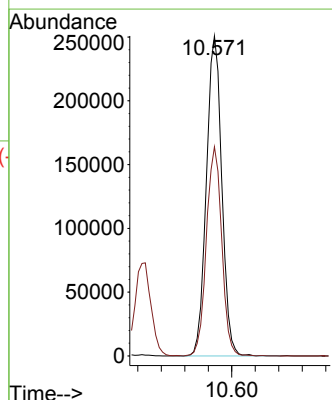
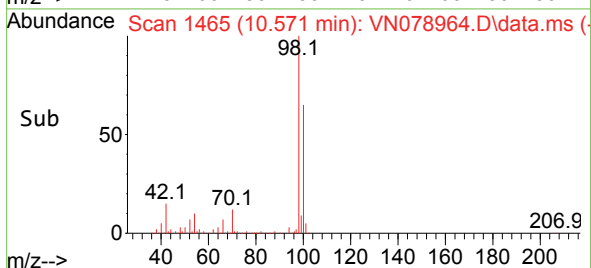
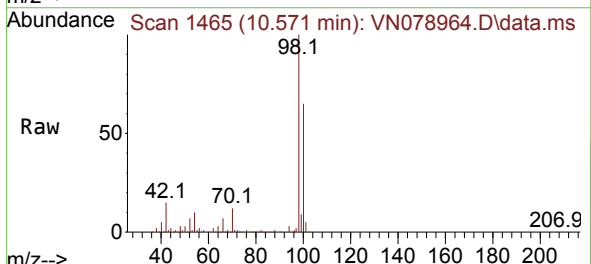


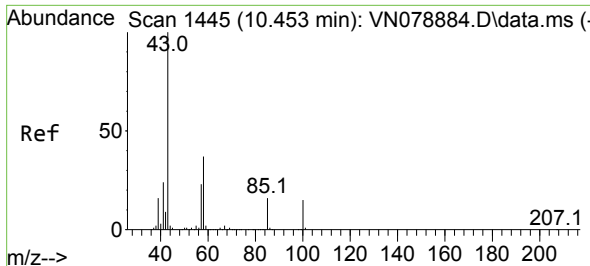
Tgt Ion: 88 Resp: 49503
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 72.8 47.0 70.4#



#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 98 Resp: 455111
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 237.282 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

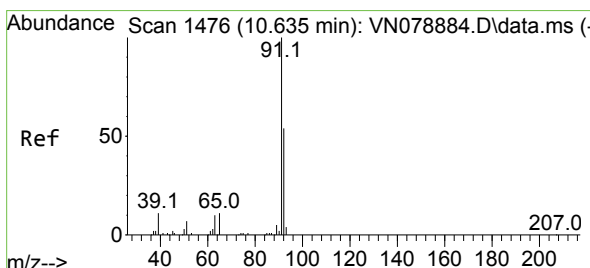
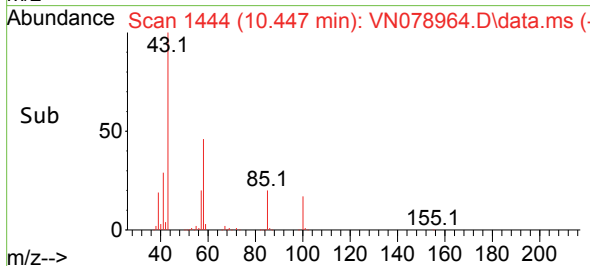
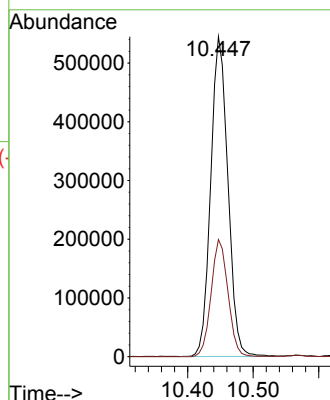
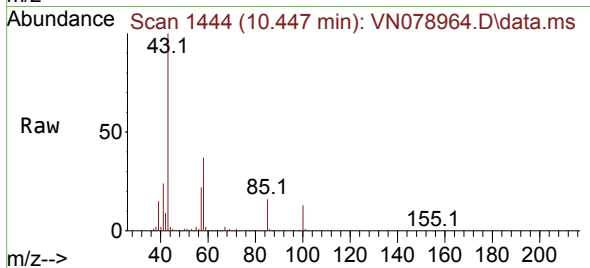
ClientSampleId :

Tgt Ion: 43 Resp: 991010

Ion Ratio Lower Upper

43 100

58 36.0 36.6 54.8#



#52

Toluene

Concen: 50.389 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078964.D

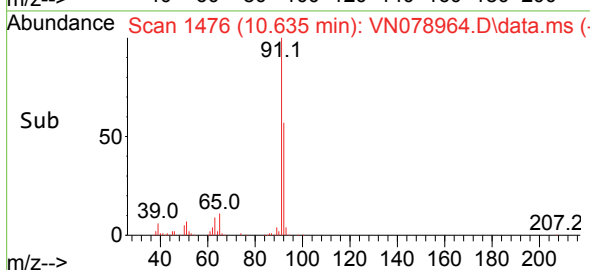
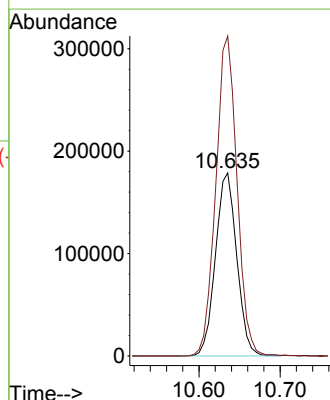
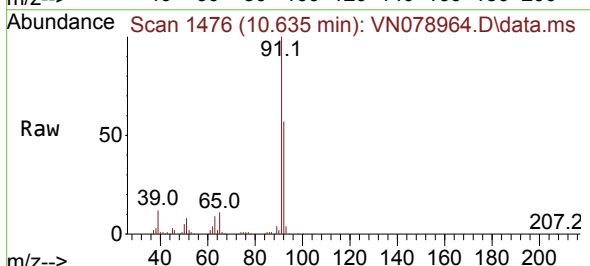
Acq: 19 Aug 2023 00:02

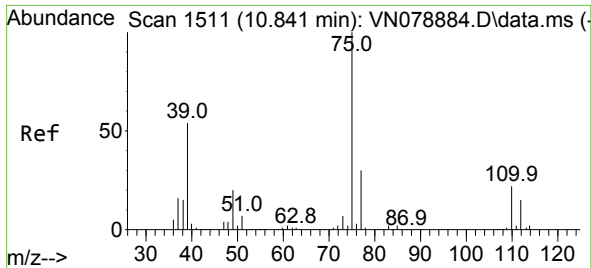
Tgt Ion: 92 Resp: 325610

Ion Ratio Lower Upper

92 100

91 174.6 137.4 206.0

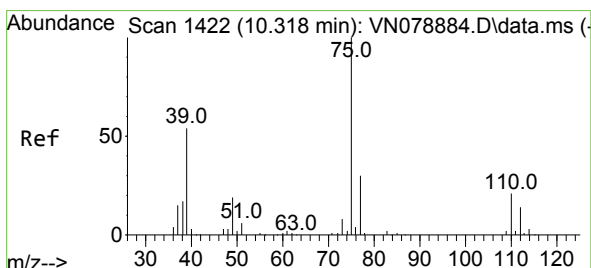
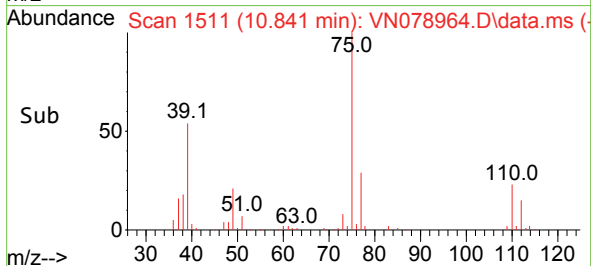
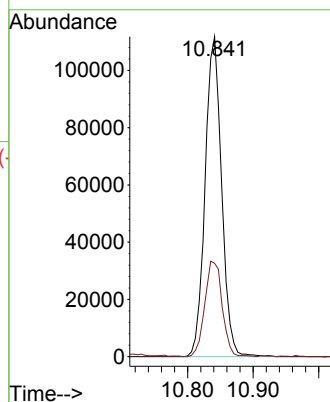
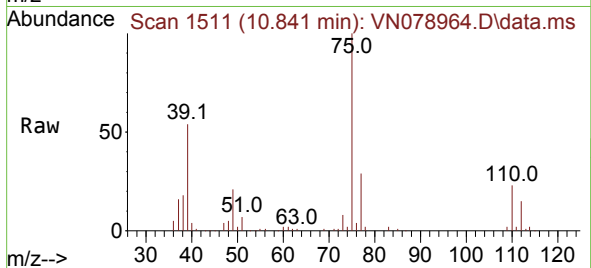




#53
t-1,3-Dichloropropene
Concen: 48.107 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

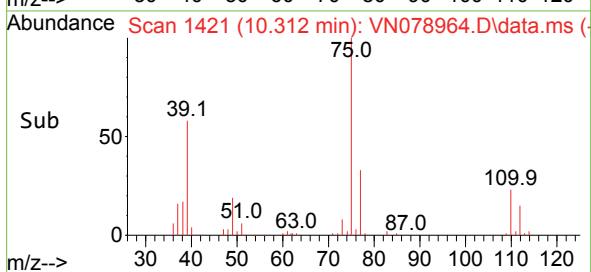
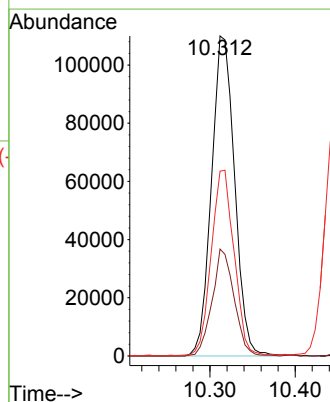
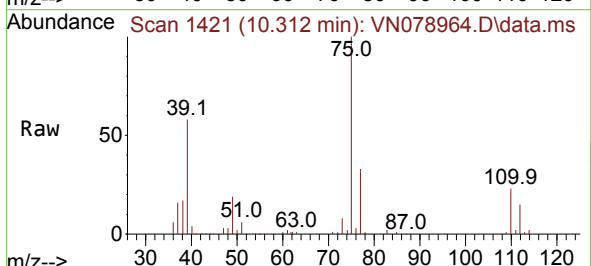
Instrument :
MSVOA_N
ClientSampleId :

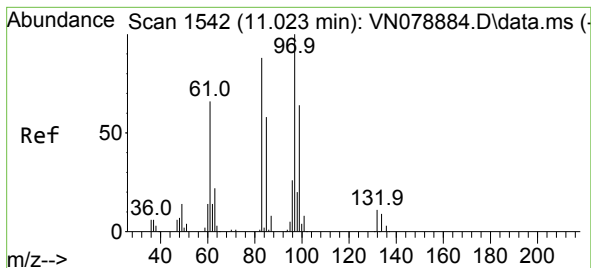
Tgt Ion: 75 Resp: 195801
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 46.879 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 75 Resp: 207806
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 57.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 49.180 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 127425

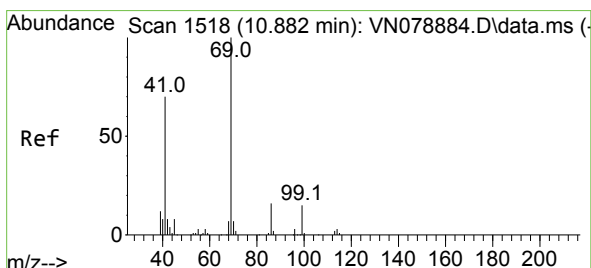
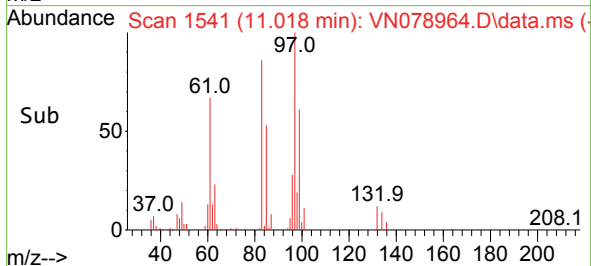
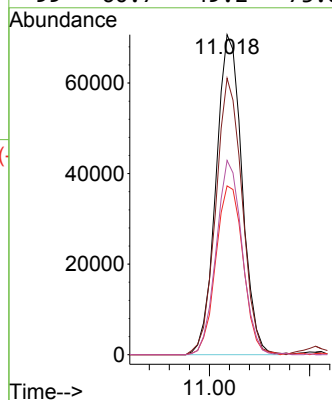
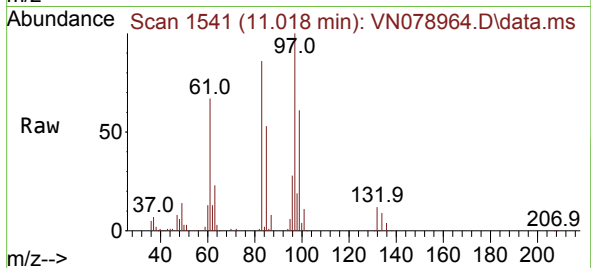
Ion Ratio Lower Upper

97 100

83 86.4 65.1 97.7

85 52.8 43.4 65.2

99 60.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.337 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

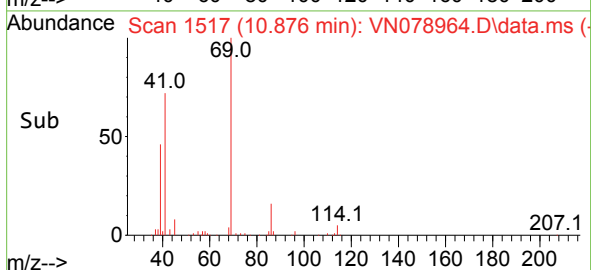
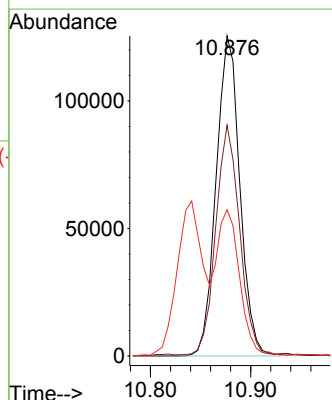
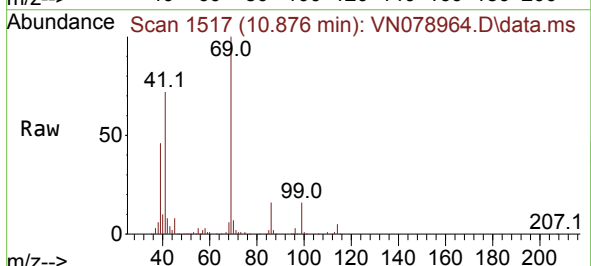
Tgt Ion: 69 Resp: 206191

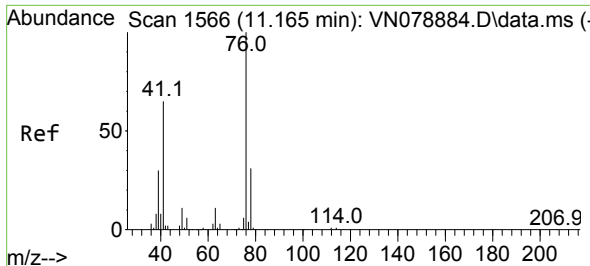
Ion Ratio Lower Upper

69 100

41 71.6 39.6 59.4#

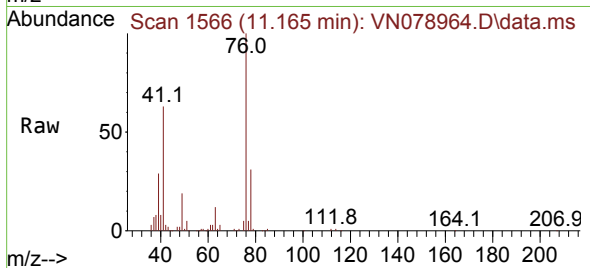
39 44.2 28.6 43.0#



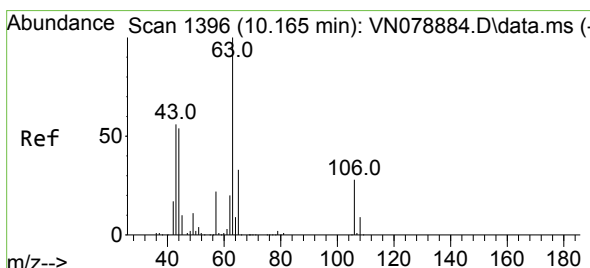
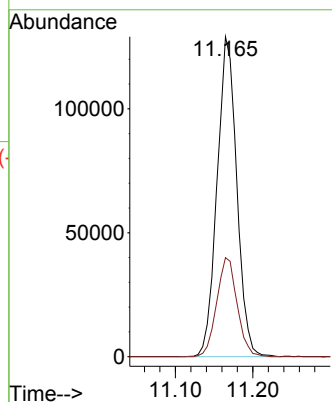
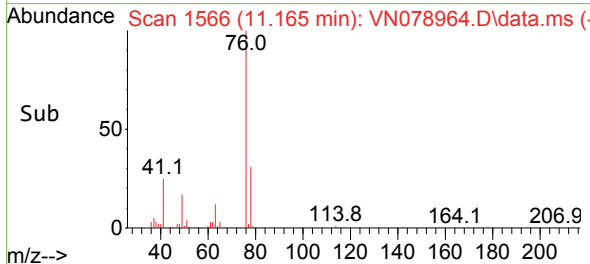


#57
1,3-Dichloropropane
Concen: 49.281 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

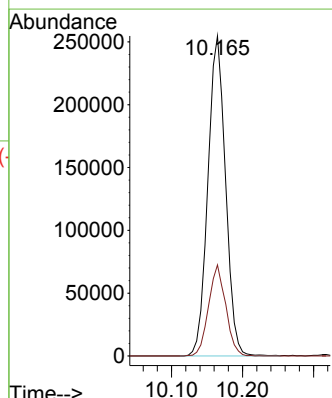
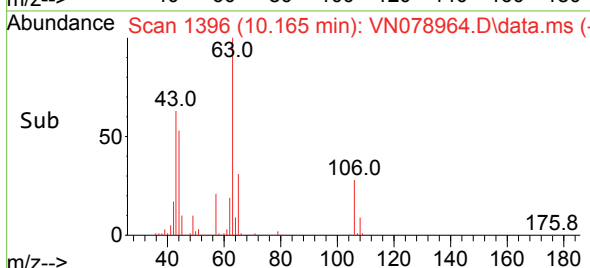
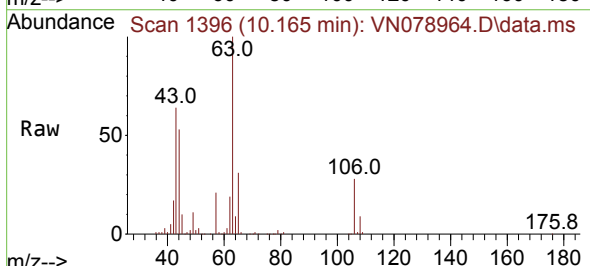


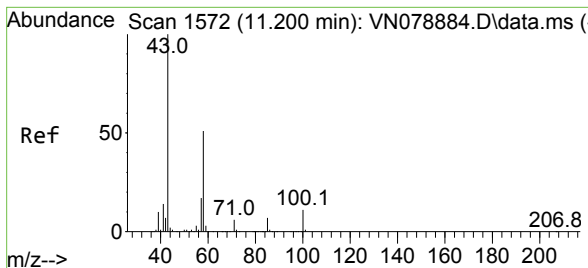
Tgt Ion: 76 Resp: 228383
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 228.025 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 63 Resp: 439627
Ion Ratio Lower Upper
63 100
106 27.7 26.2 39.4

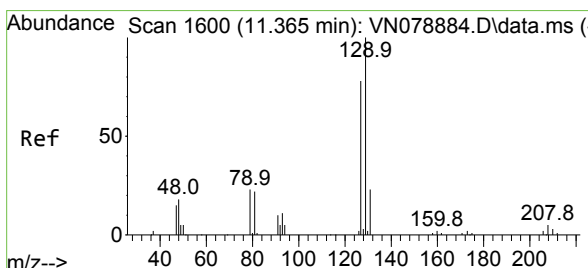
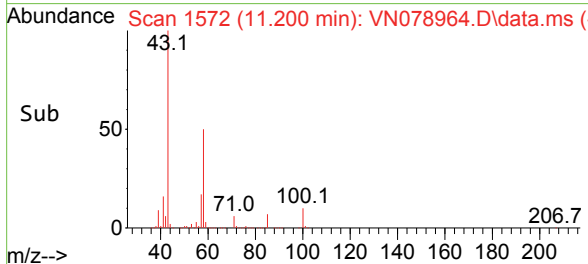
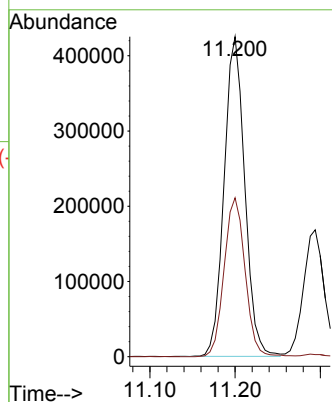
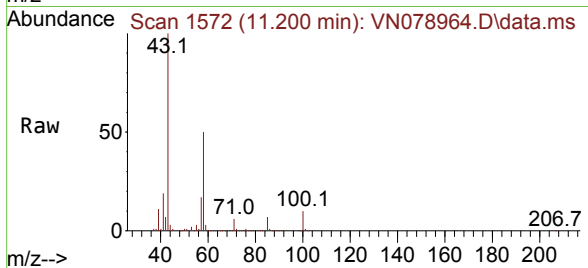




#59
2-Hexanone
Concen: 236.662 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

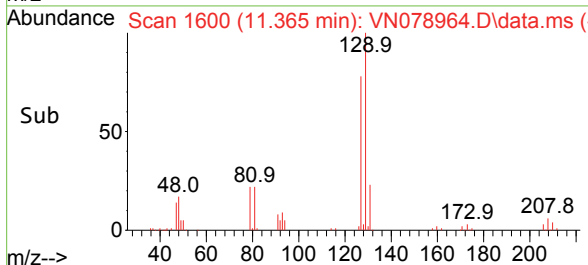
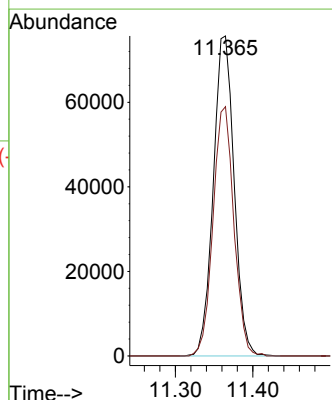
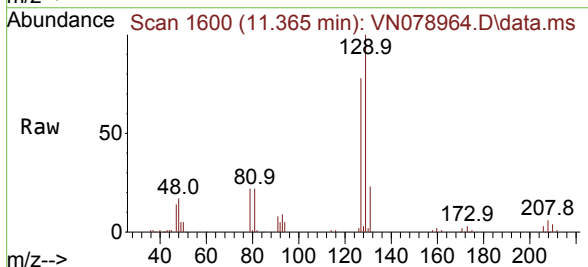
Instrument :
MSVOA_N
ClientSampleId :

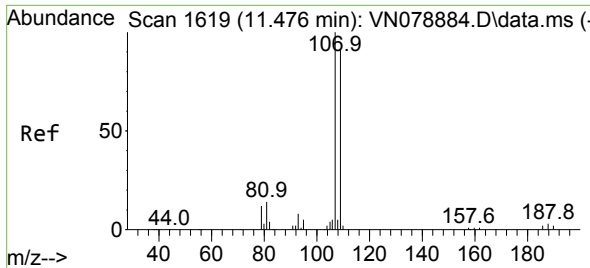
Tgt Ion: 43 Resp: 715912
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1



#60
Dibromochloromethane
Concen: 51.855 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:129 Resp: 141386
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

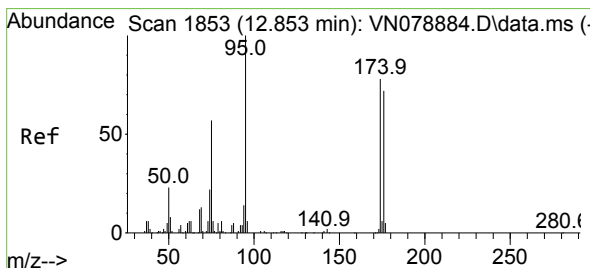
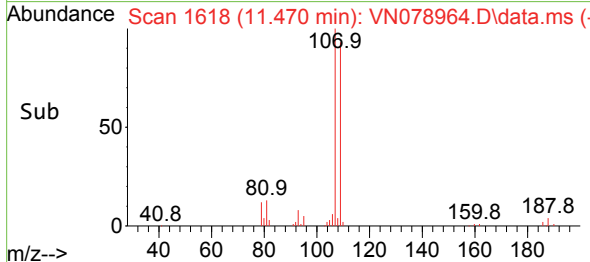
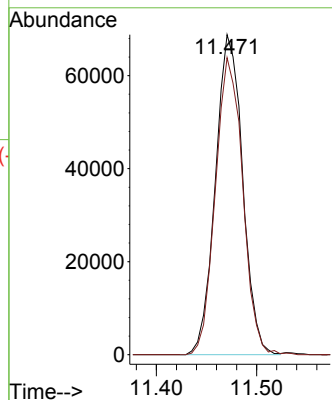
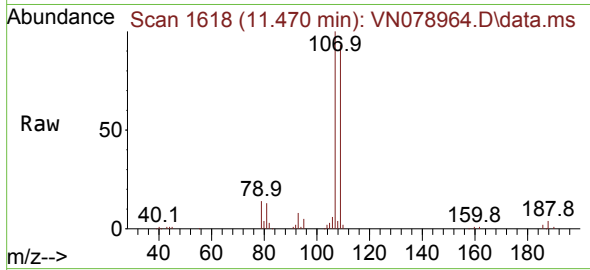




#61
1,2-Dibromoethane
Concen: 49.292 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

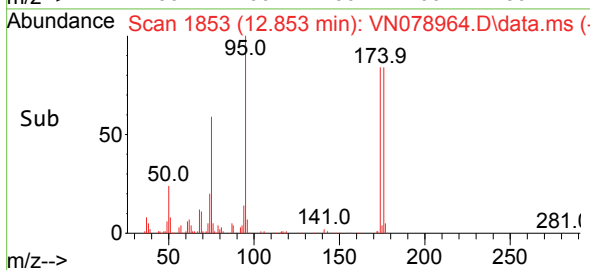
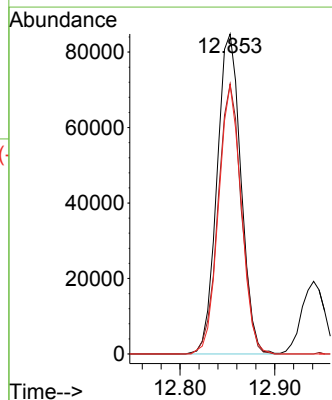
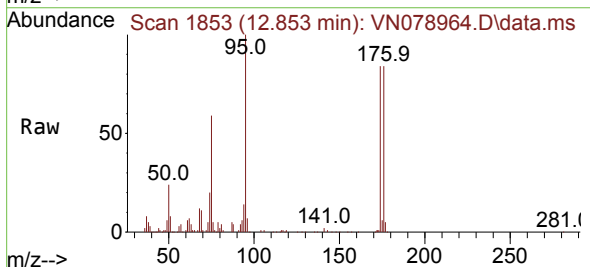
Instrument :
MSVOA_N
ClientSampleId :

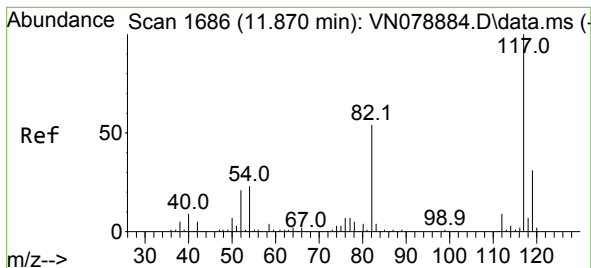
Tgt Ion:107 Resp: 129785
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.918 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 95 Resp: 149156
Ion Ratio Lower Upper
95 100
174 82.0 0.0 143.8
176 79.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

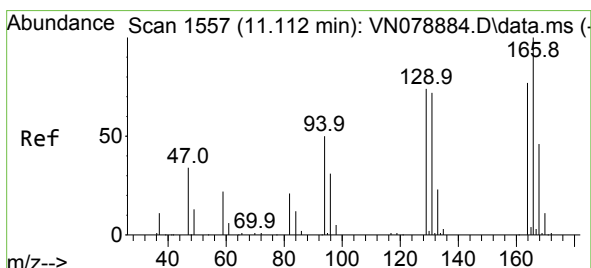
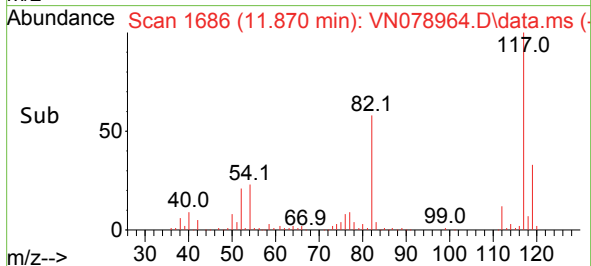
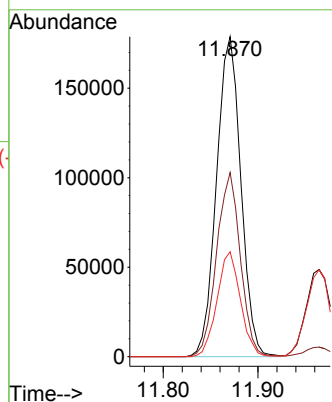
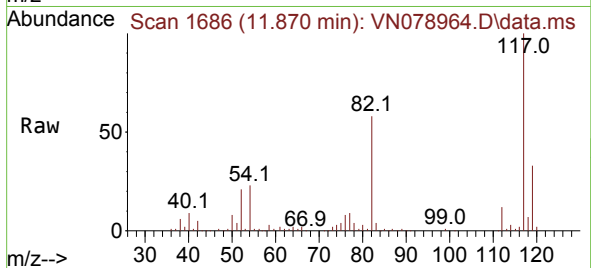
Tgt Ion:117 Resp: 319862

Ion Ratio Lower Upper

117 100

82 57.6 44.0 66.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 50.394 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Tgt Ion:164 Resp: 101087

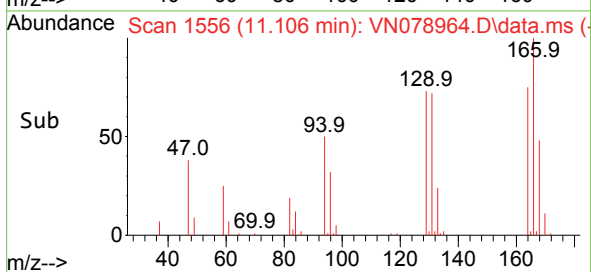
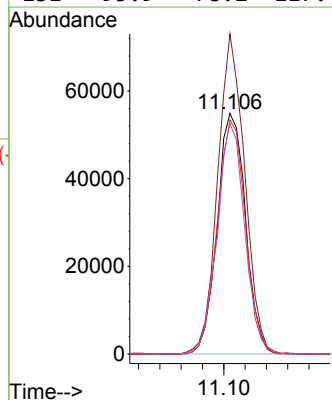
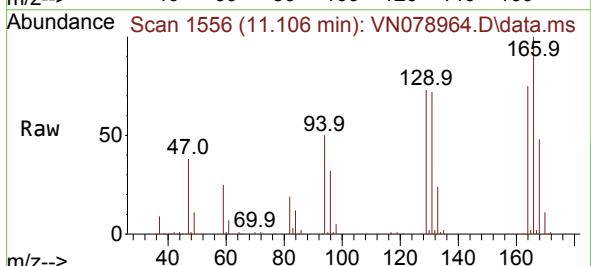
Ion Ratio Lower Upper

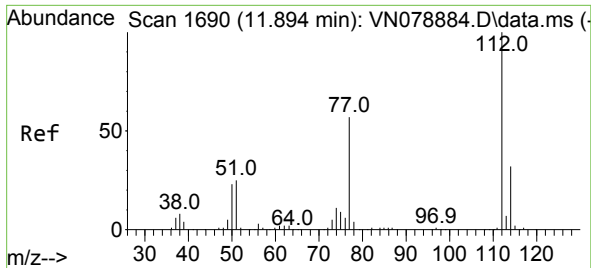
164 100

166 133.0 101.4 152.0

129 97.3 82.4 123.6

131 95.9 78.2 117.4

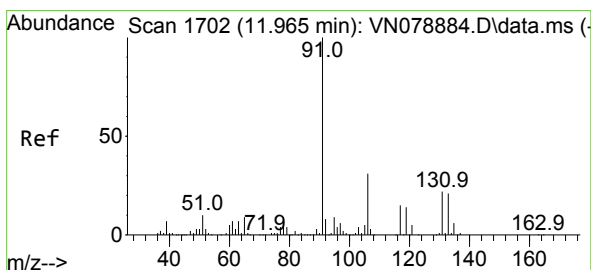
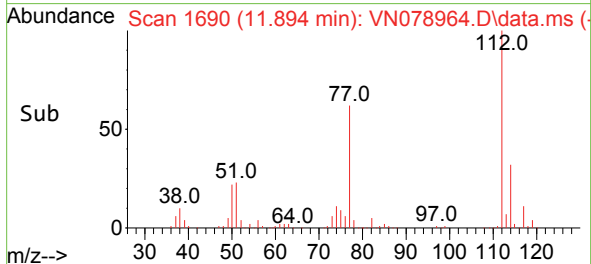
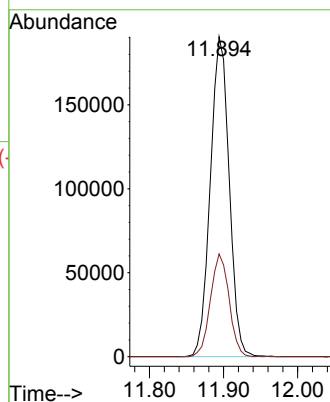
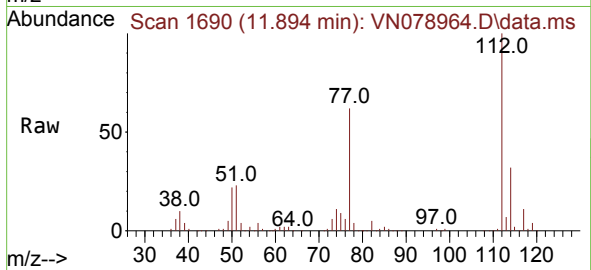




#65
Chlorobenzene
Concen: 49.514 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

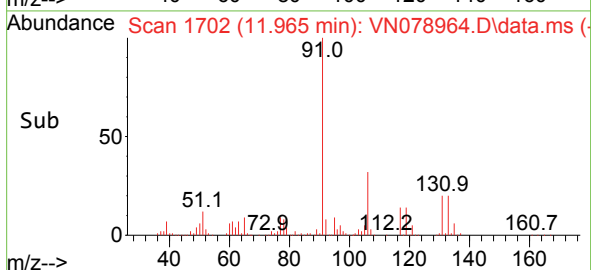
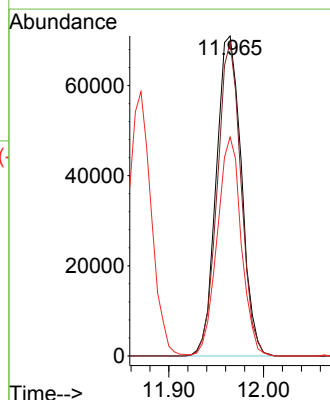
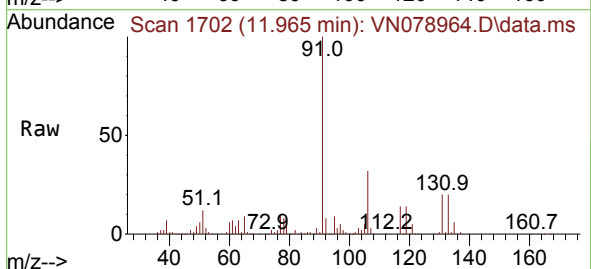
Instrument :
MSVOA_N
ClientSampleId :

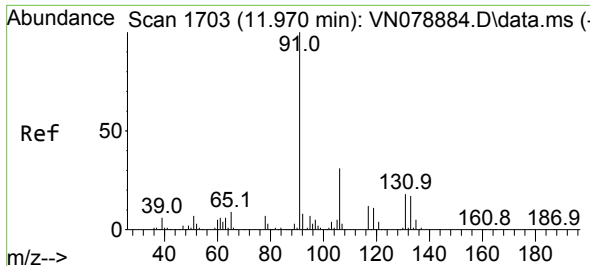
Tgt Ion:112 Resp: 337125
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.934 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:131 Resp: 131059
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 65.5 34.1 102.2

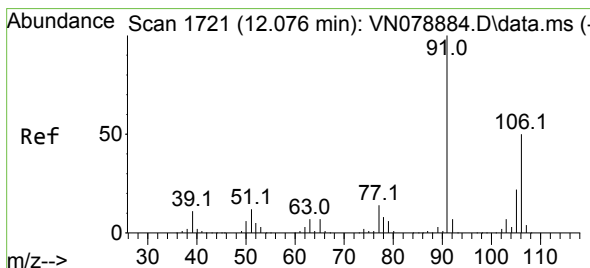
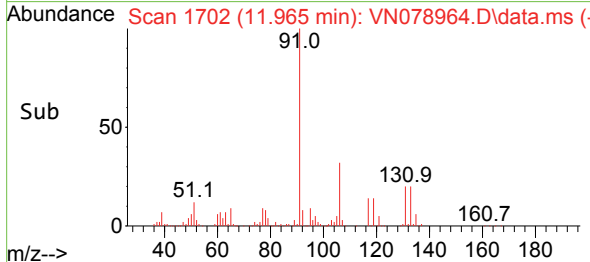
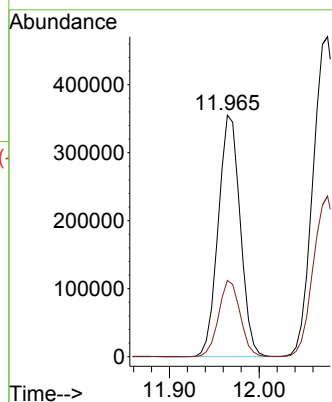
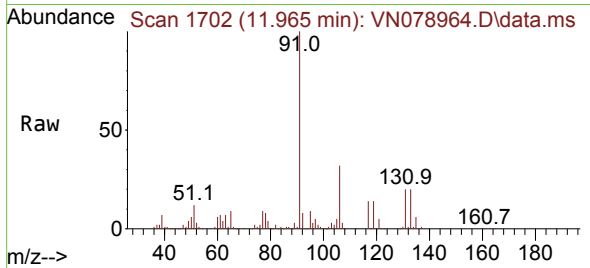




#67
Ethyl Benzene
Concen: 48.745 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

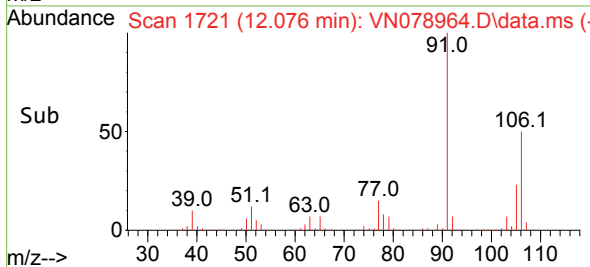
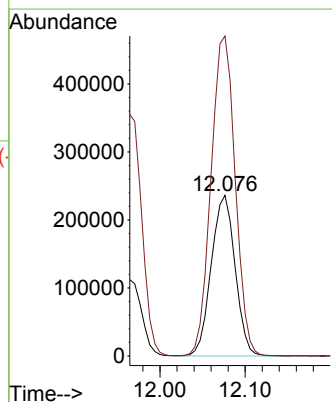
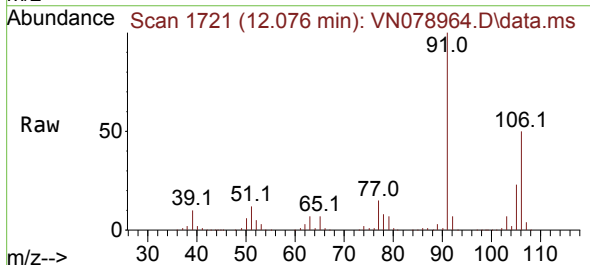
Instrument :
MSVOA_N
ClientSampleId :

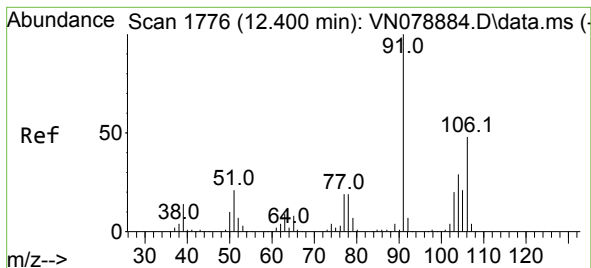
Tgt Ion: 91 Resp: 603552
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 99.010 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:106 Resp: 458349
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4

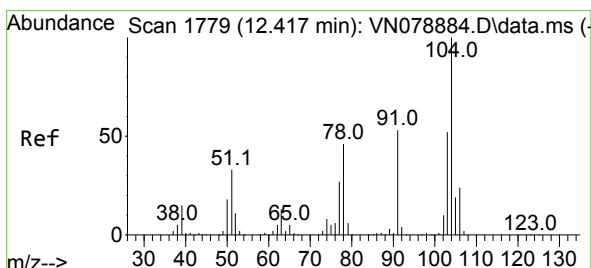
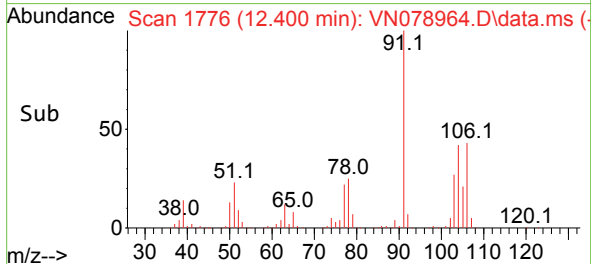
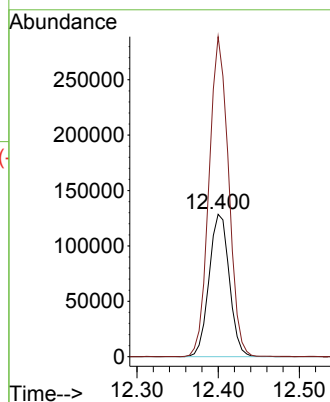
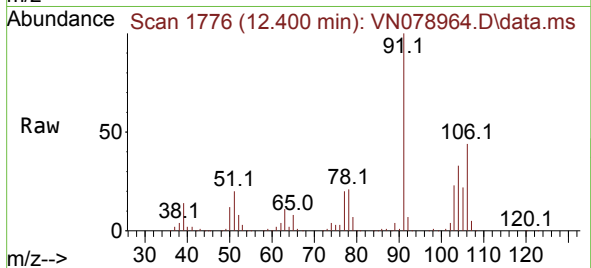




#69
o-Xylene
Concen: 49.326 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

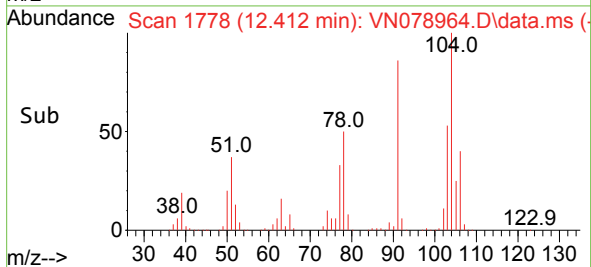
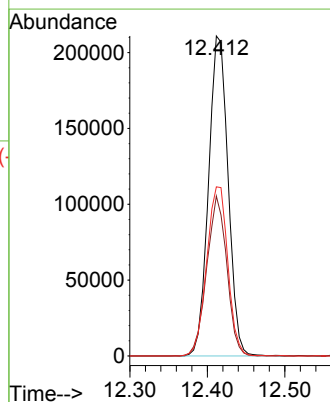
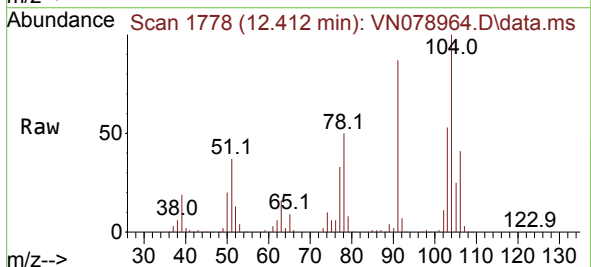
Instrument :
MSVOA_N
ClientSampleId :

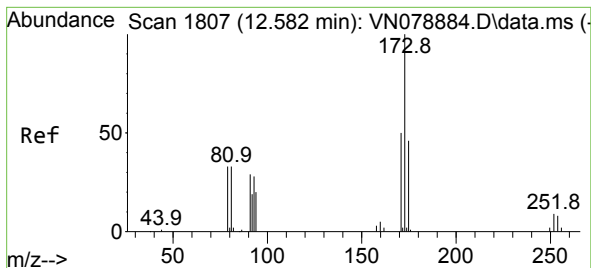
Tgt Ion:106 Resp: 222127
Ion Ratio Lower Upper
106 100
91 218.0 105.2 315.5



#70
Styrene
Concen: 49.224 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:104 Resp: 369616
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 57.2 43.2 64.8





#71

Bromoform

Concen: 52.672 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078964.D

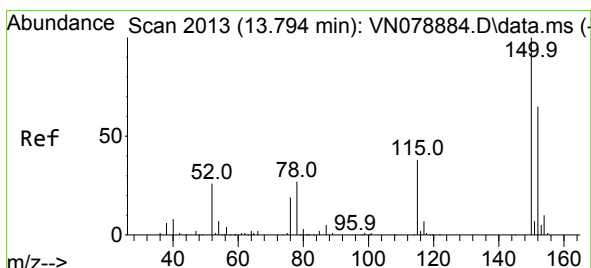
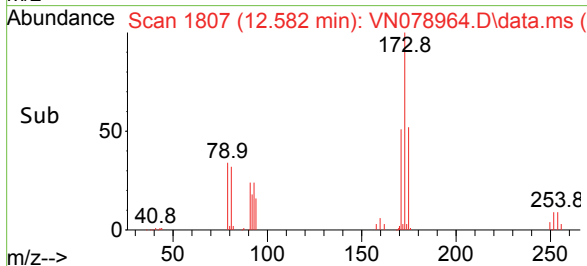
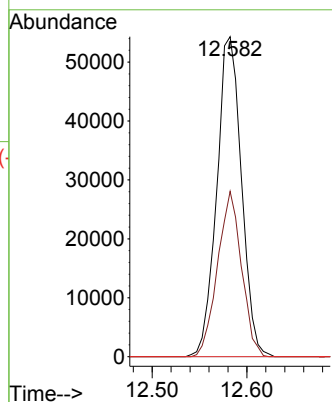
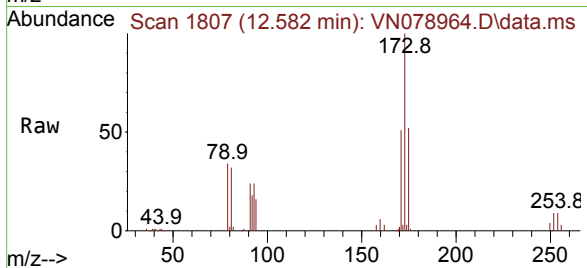
Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	98531
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

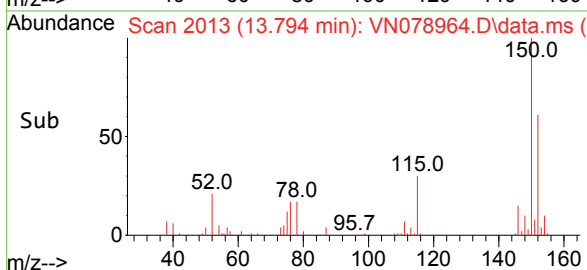
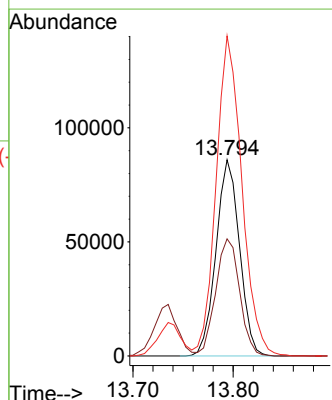
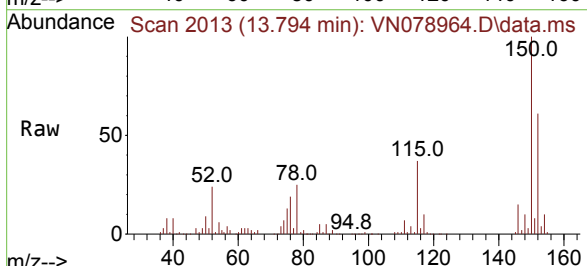
RT: 13.794 min Scan# 2013

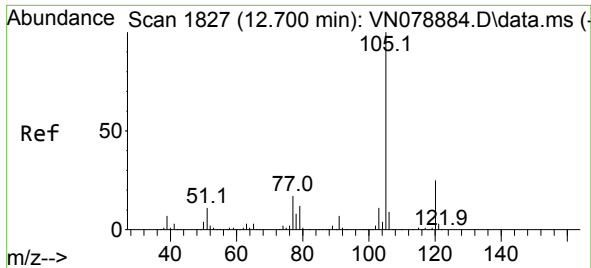
Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

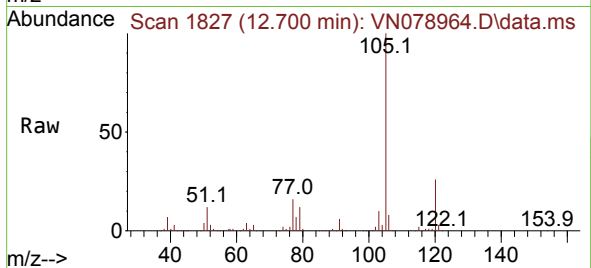
Tgt Ion:	152	Resp:	139913
Ion Ratio	Lower	Upper	
152	100		
115	60.7	32.3	96.8
150	179.1	0.0	355.8



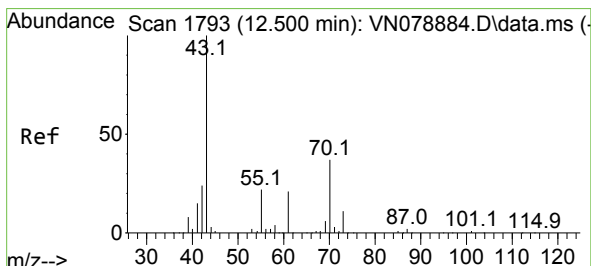
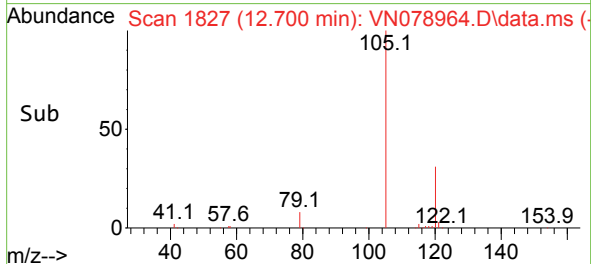
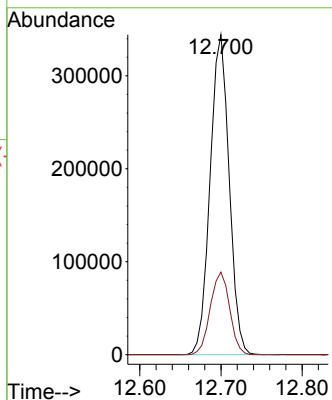


#73
Isopropylbenzene
Concen: 48.105 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :

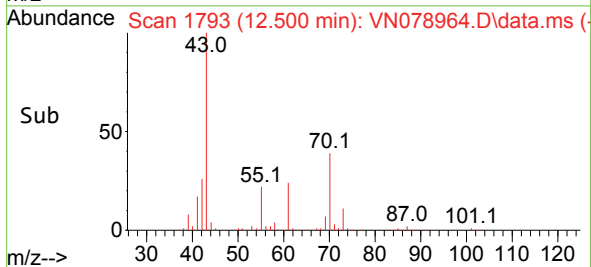
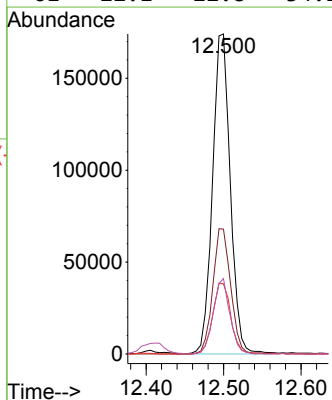
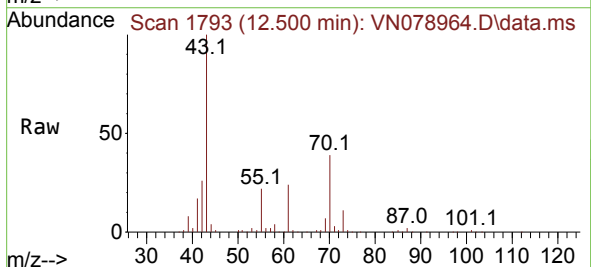


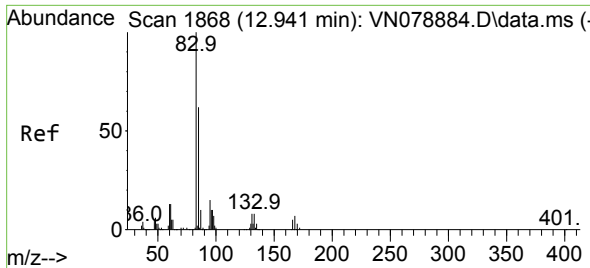
Tgt Ion:105 Resp: 561202
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 47.152 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 43 Resp: 277661
Ion Ratio Lower Upper
43 100
70 39.3 43.4 65.2#
55 22.7 21.4 32.0
61 22.1 22.8 34.2#

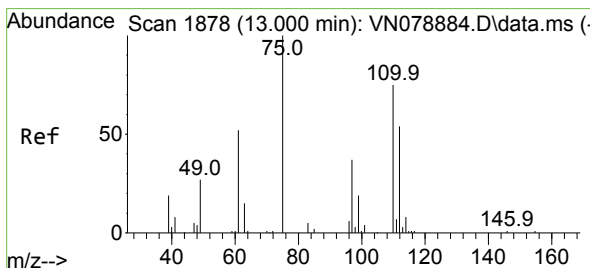
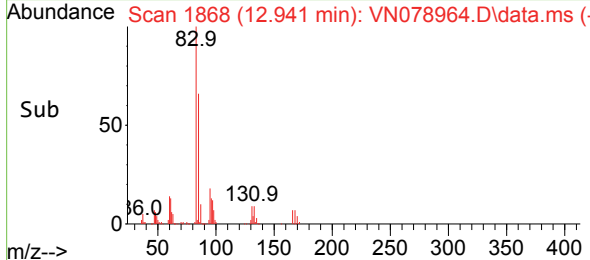
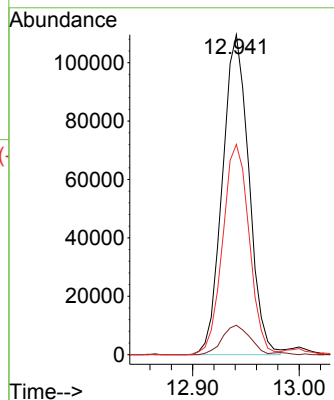
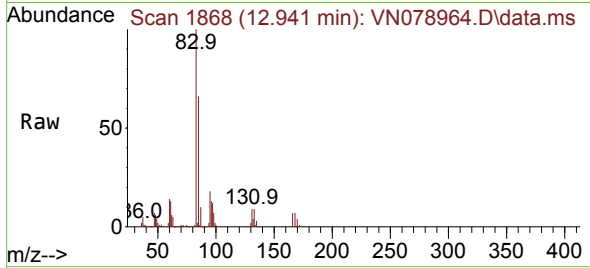




#75
1,1,2,2-Tetrachloroethane
Concen: 44.903 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

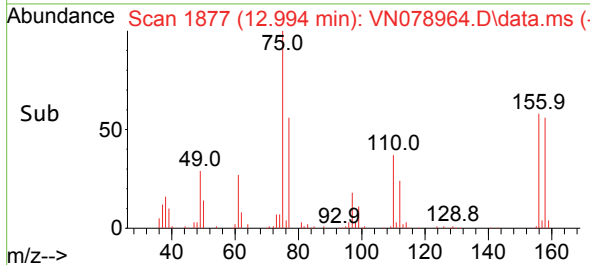
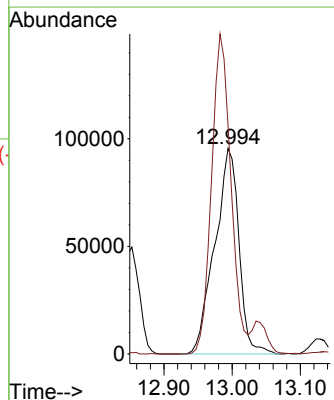
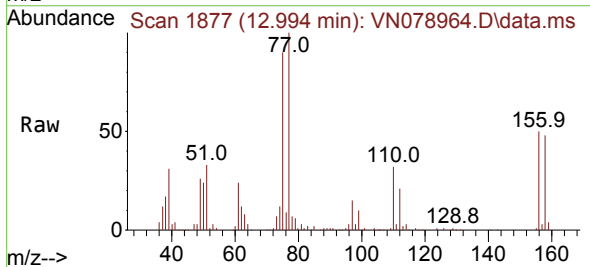
Instrument :
MSVOA_N
ClientSampleId :

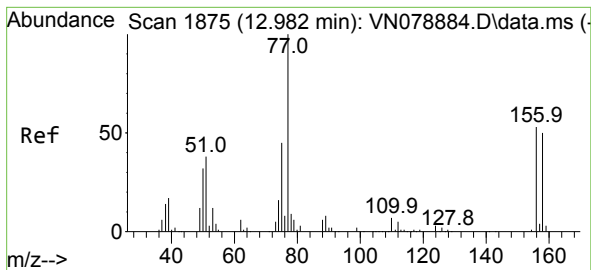
Tgt Ion: 83 Resp: 189149
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.947 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 75 Resp: 235808
Ion Ratio Lower Upper
75 100
77 125.0 84.5 253.5





#77

Bromobenzene

Concen: 49.604 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :

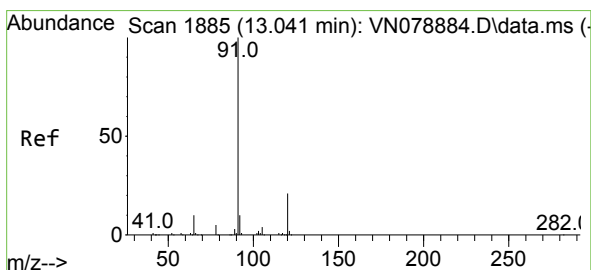
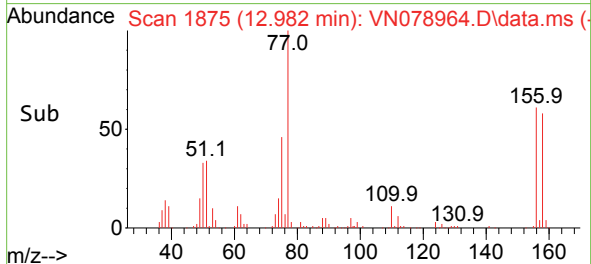
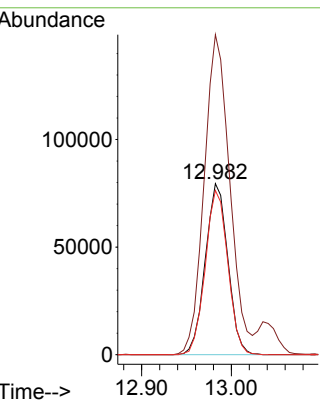
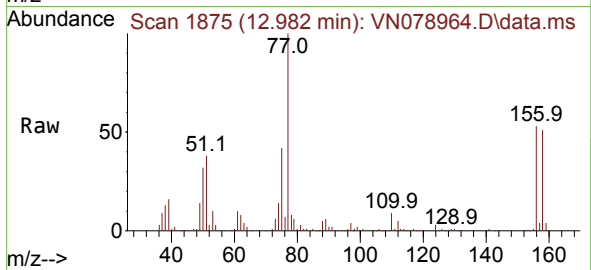
Tgt Ion:156 Resp: 139099

Ion Ratio Lower Upper

156 100

77 211.9 107.7 323.3

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.439 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078964.D

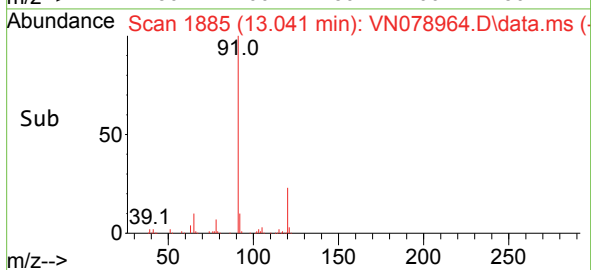
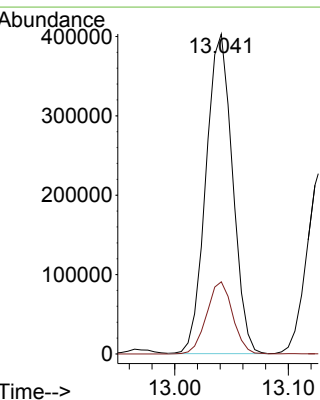
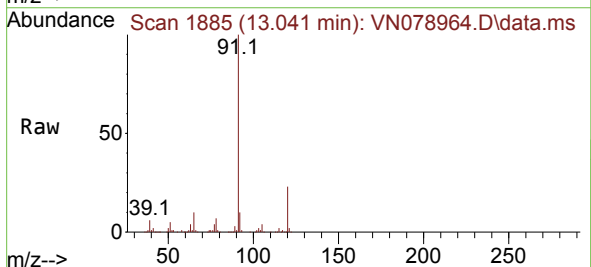
Acq: 19 Aug 2023 00:02

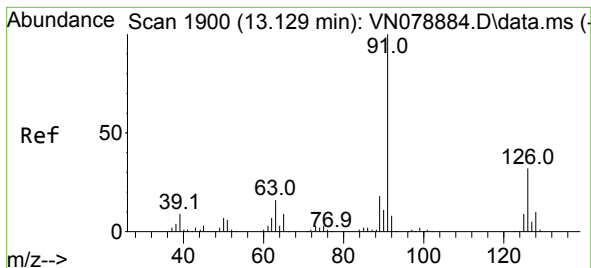
Tgt Ion: 91 Resp: 655288

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

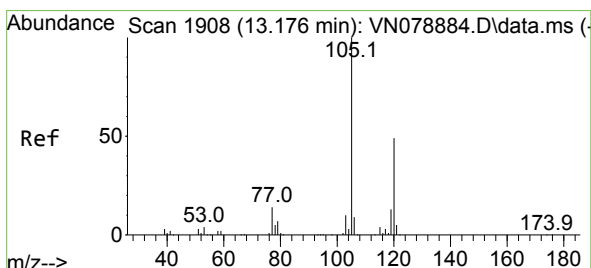
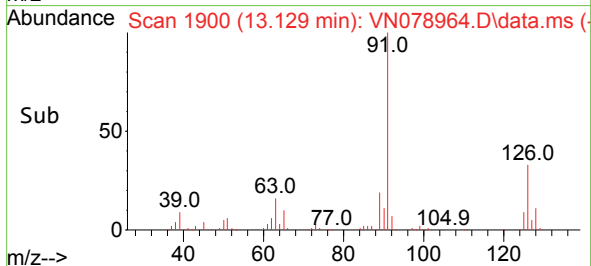
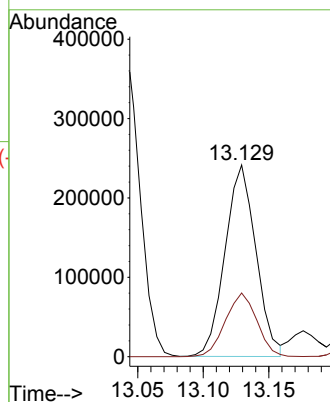
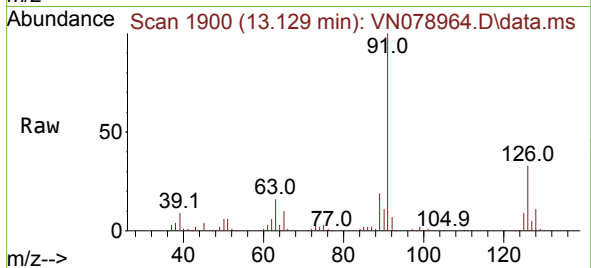




#79
2-Chlorotoluene
Concen: 47.156 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

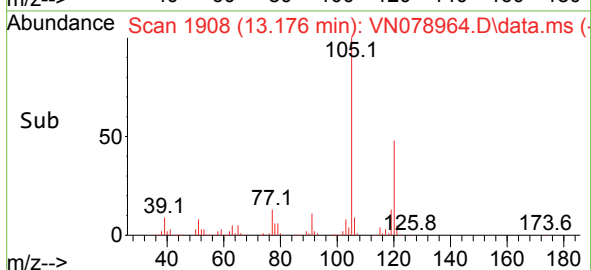
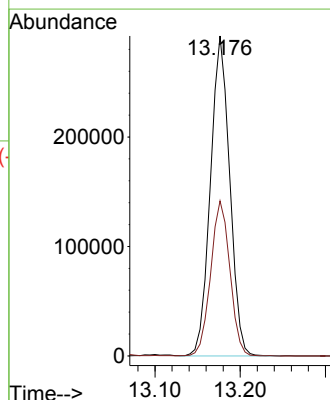
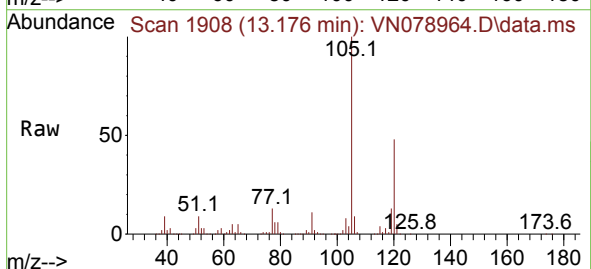
Instrument :
MSVOA_N
ClientSampleId :

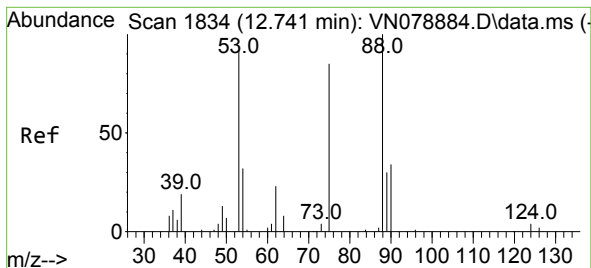
Tgt Ion: 91 Resp: 395719
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.732 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 105 Resp: 459775
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

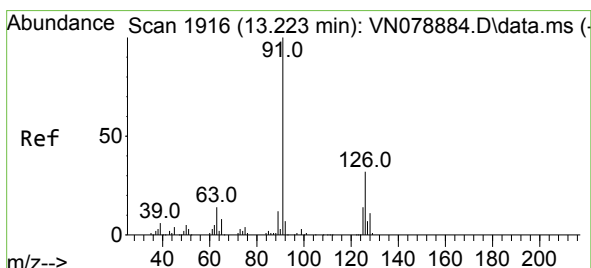
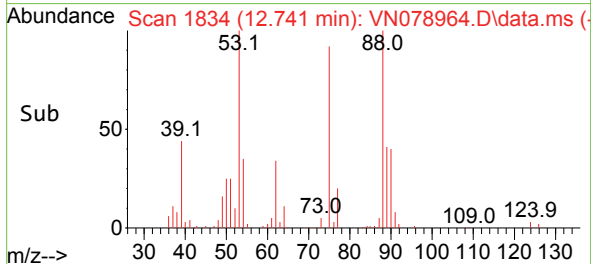
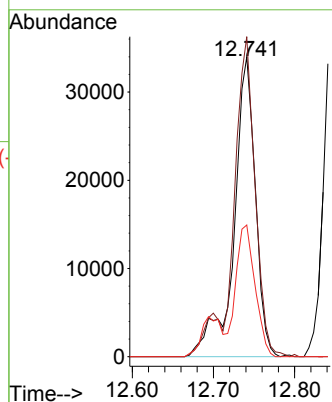
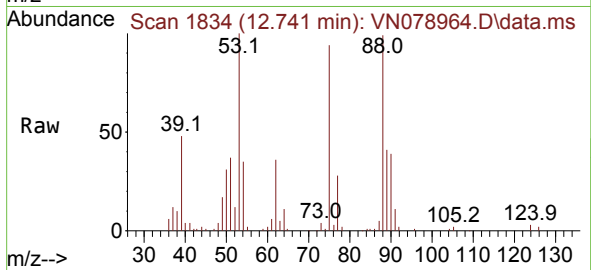




#81
trans-1,4-Dichloro-2-butene
Concen: 47.286 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

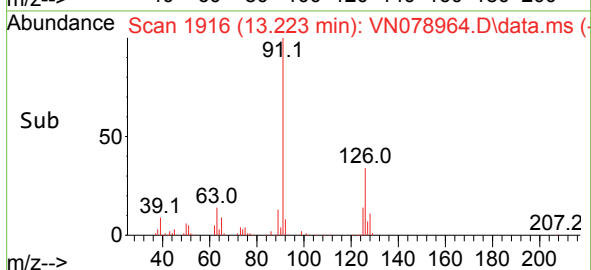
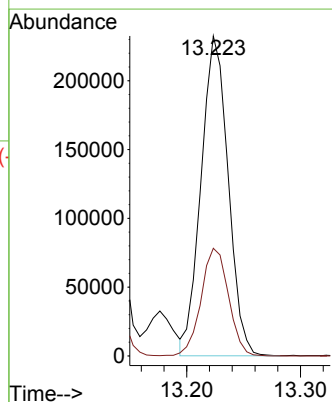
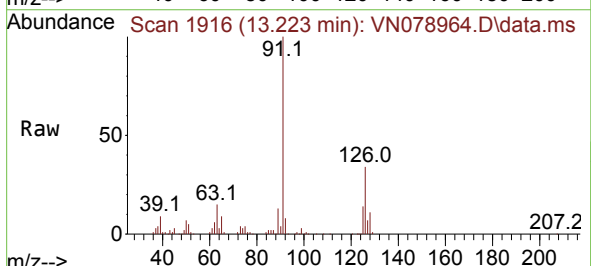
Instrument :
MSVOA_N
ClientSampleId :

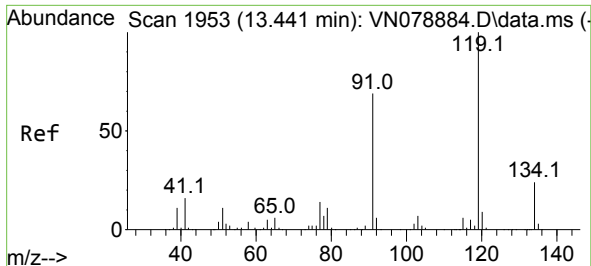
Tgt Ion: 75 Resp: 62403
Ion Ratio Lower Upper
75 100
53 96.3 67.4 101.2
89 40.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.862 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

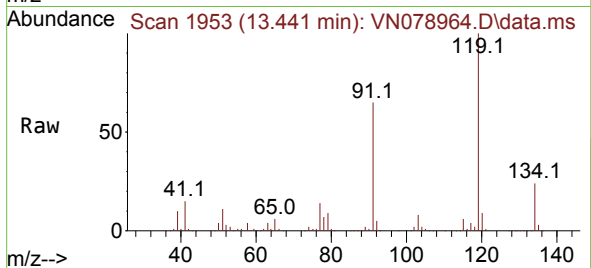
Tgt Ion: 91 Resp: 384788
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0



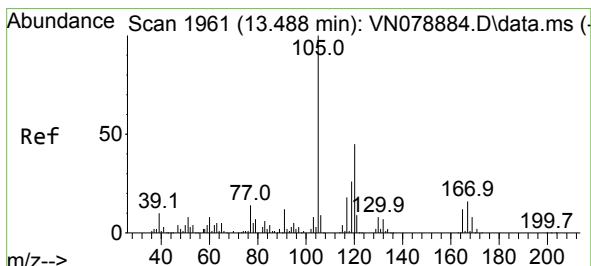
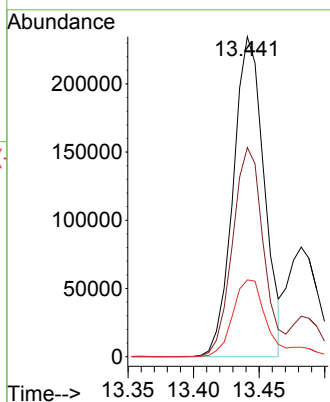
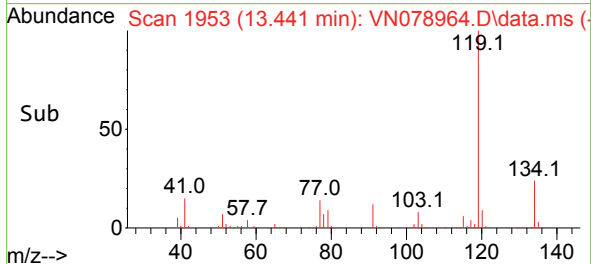


#83
tert-Butylbenzene
Concen: 49.612 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

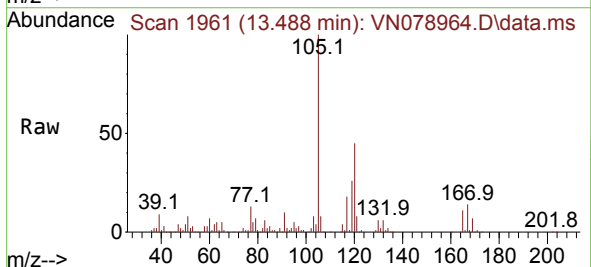
Instrument :
MSVOA_N
ClientSampleId :



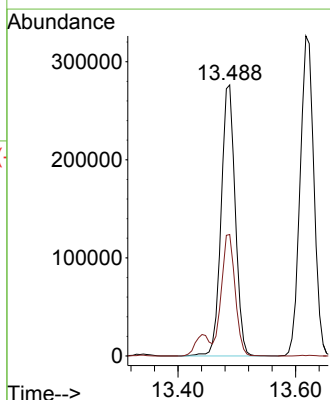
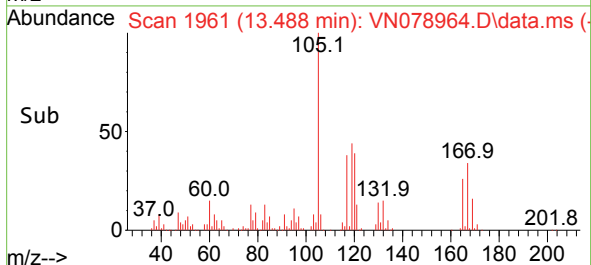
Tgt Ion:119 Resp: 385376
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 27.5 13.2 39.6

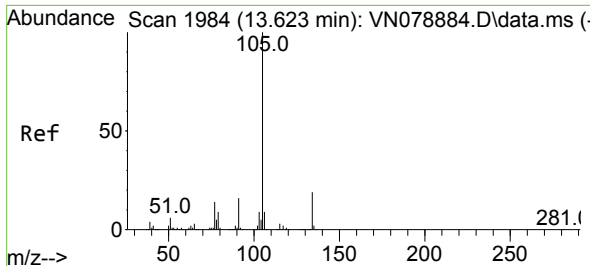


#84
1,2,4-Trimethylbenzene
Concen: 50.237 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02



Tgt Ion:105 Resp: 459883
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0

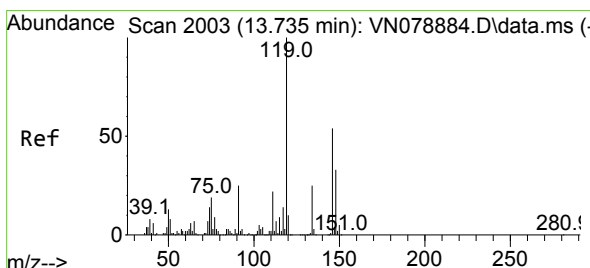
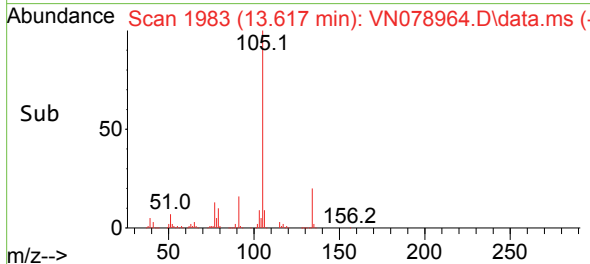
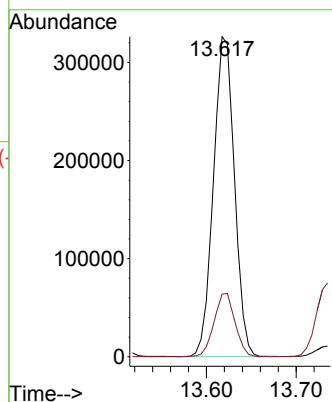
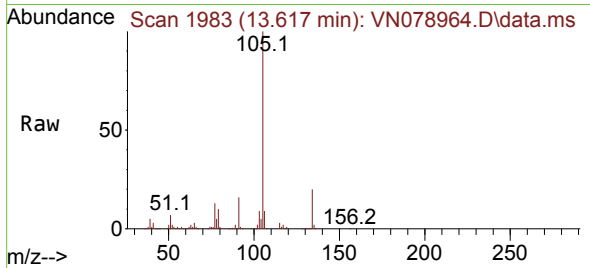




#85
 sec-Butylbenzene
 Concen: 49.688 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

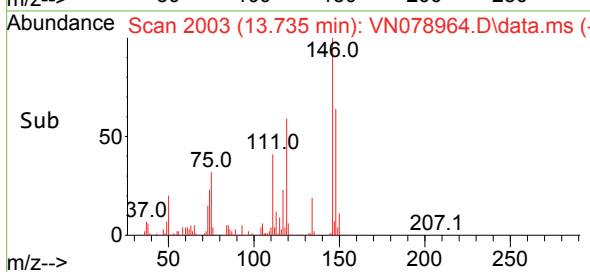
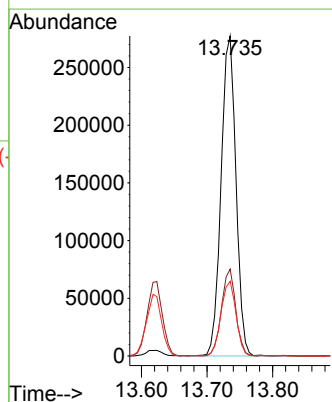
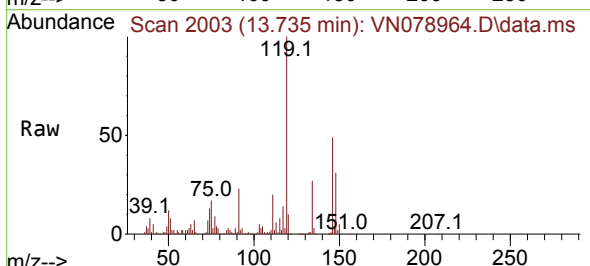
Instrument :
 MSVOA_N
 ClientSampleId :

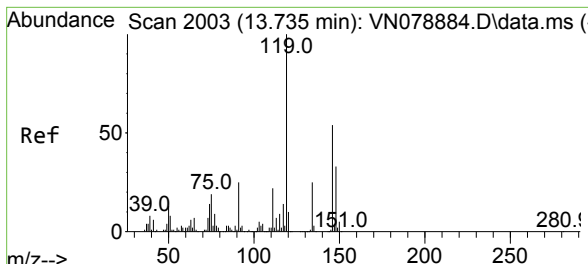
Tgt Ion:105 Resp: 531161
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.908 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

Tgt Ion:119 Resp: 434791
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.5 12.4 37.2

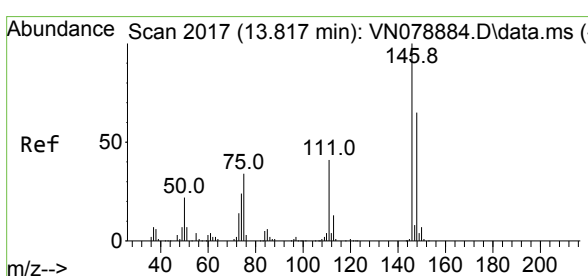
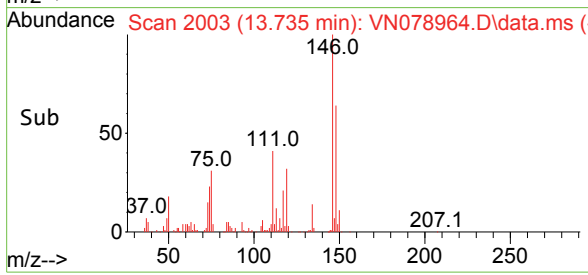
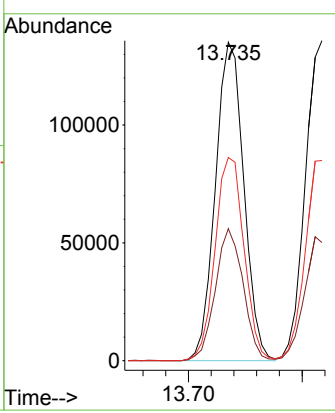
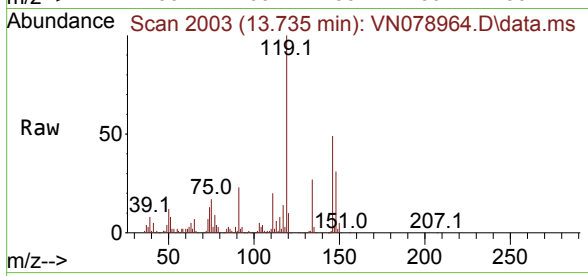




#87
 1,3-Dichlorobenzene
 Concen: 48.695 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

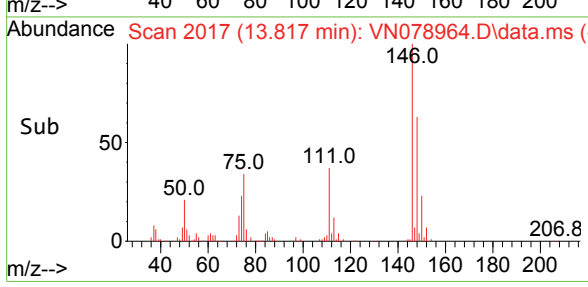
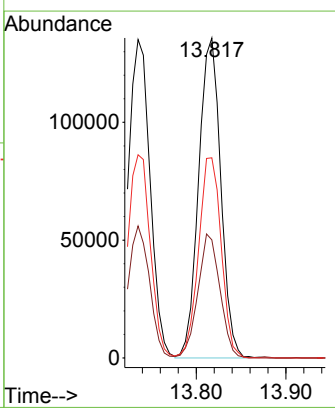
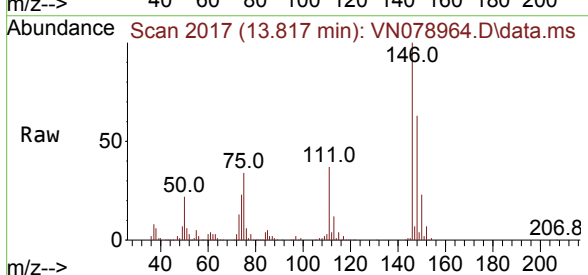
Instrument :
 MSVOA_N
 ClientSampleId :

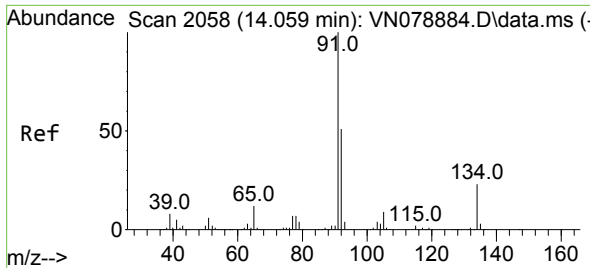
Tgt Ion:	146	Resp:	234968
Ion Ratio	Lower	Upper	
146	100		
111	40.6	22.1	66.3
148	65.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.178 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078964.D
 Acq: 19 Aug 2023 00:02

Tgt Ion:	146	Resp:	232684
Ion Ratio	Lower	Upper	
146	100		
111	38.3	20.6	61.8
148	63.9	31.6	94.8

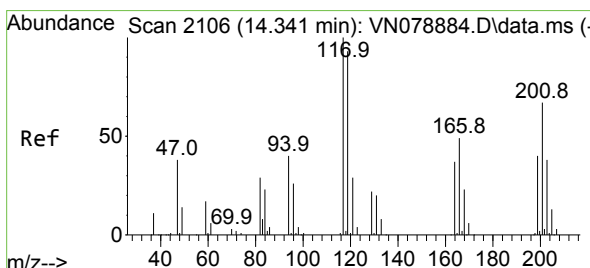
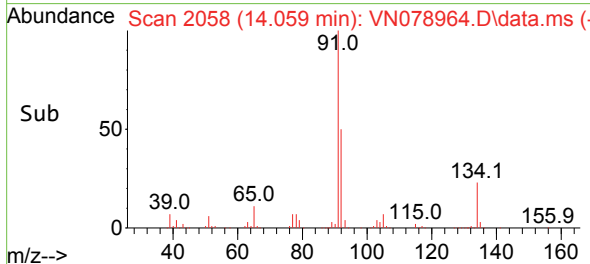
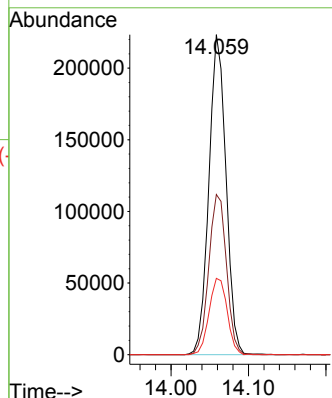
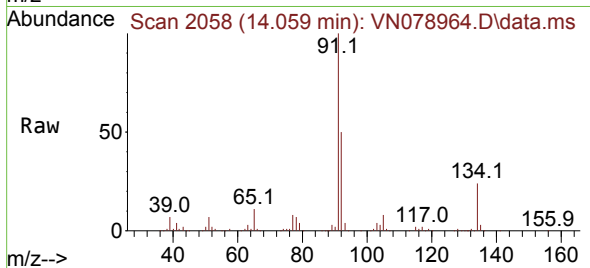




#89
n-Butylbenzene
Concen: 48.603 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

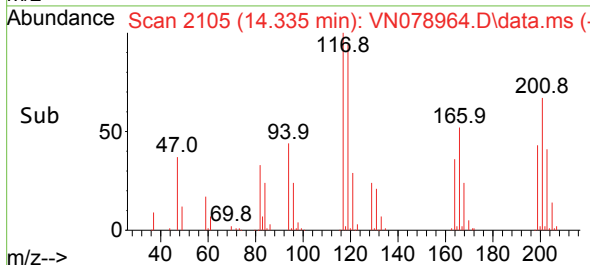
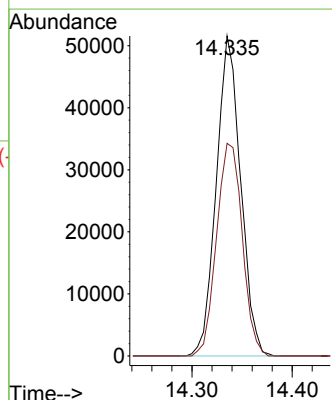
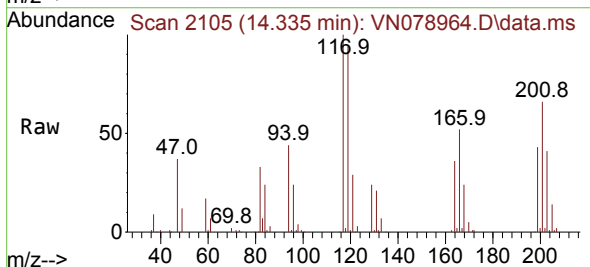
Instrument :
MSVOA_N
ClientSampleId :

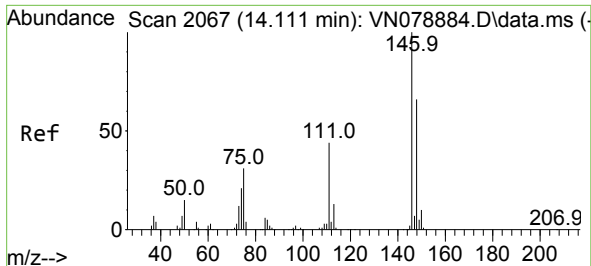
Tgt Ion: 91 Resp: 341614
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 25.3 12.6 37.6



#90
Hexachloroethane
Concen: 50.781 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 117 Resp: 86939
Ion Ratio Lower Upper
117 100
201 70.1 29.3 88.0

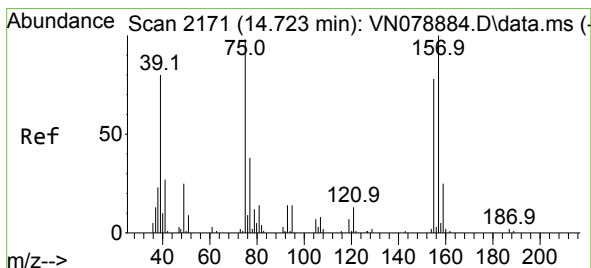
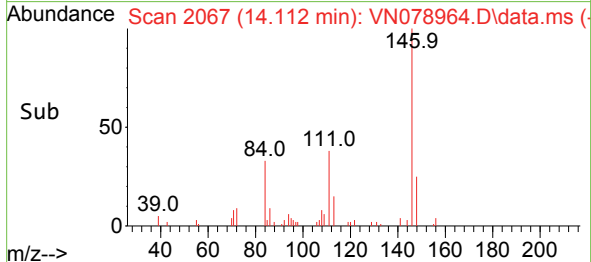
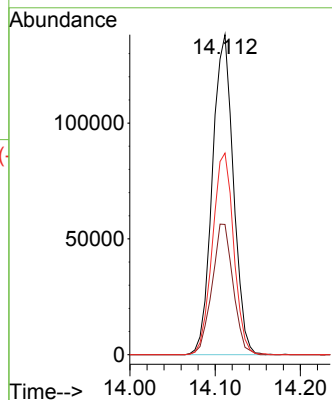
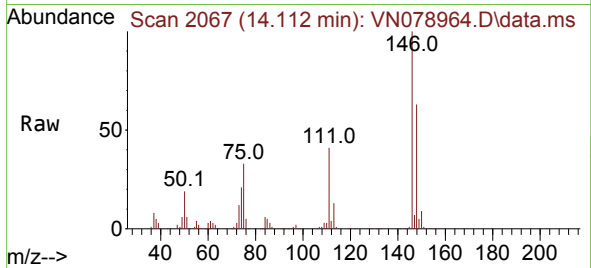




#91
1,2-Dichlorobenzene
Concen: 49.297 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

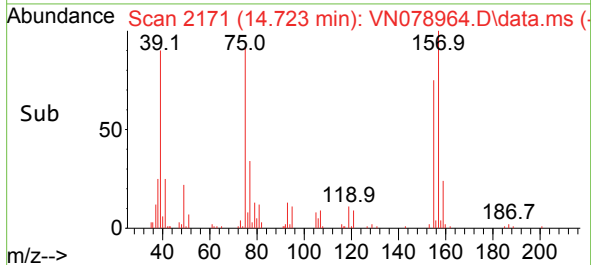
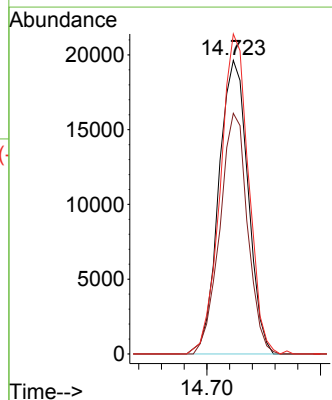
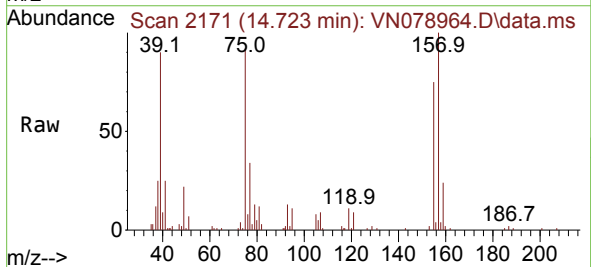
Instrument :
MSVOA_N
ClientSampleId :

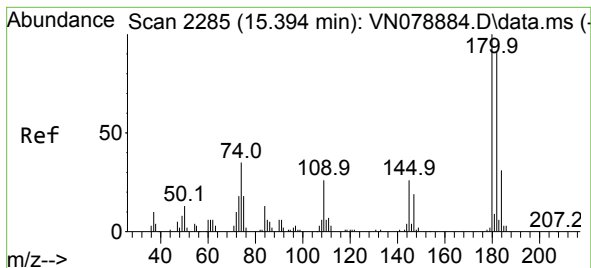
Tgt Ion:146 Resp: 236557
Ion Ratio Lower Upper
146 100
111 41.0 22.0 66.0
148 63.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.287 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion: 75 Resp: 35012
Ion Ratio Lower Upper
75 100
155 77.8 39.1 117.2
157 105.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 53.579 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

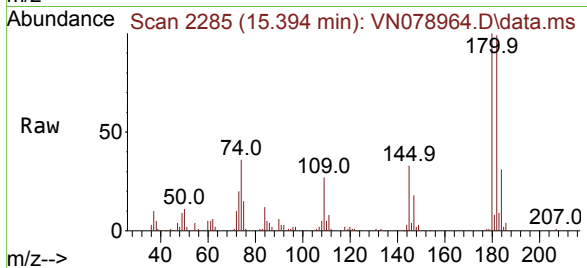
Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

Instrument :

MSVOA_N

ClientSampleId :



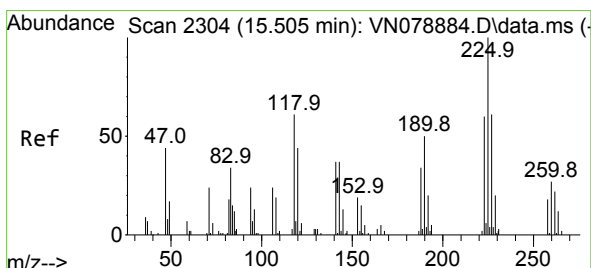
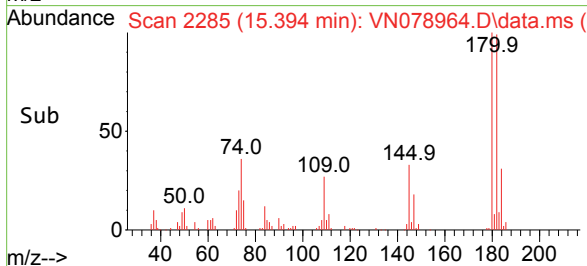
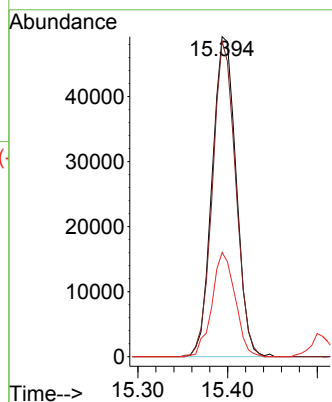
Tgt Ion:180 Resp: 91146

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 56.806 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078964.D

Acq: 19 Aug 2023 00:02

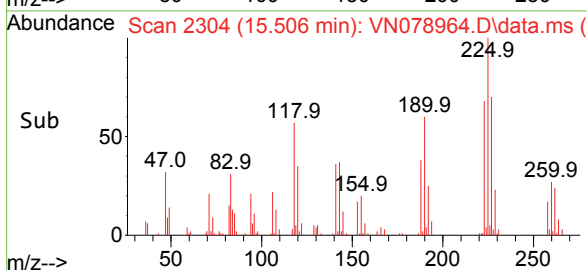
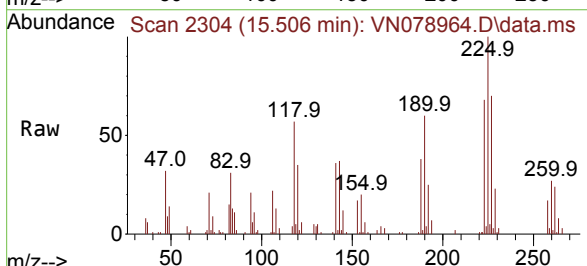
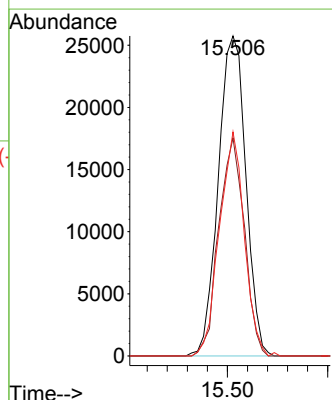
Tgt Ion:225 Resp: 49114

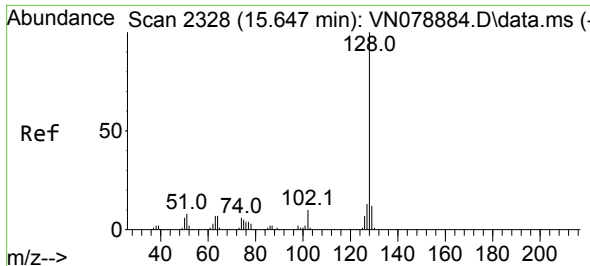
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

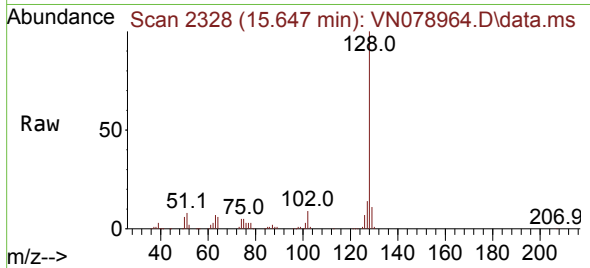
227 63.3 31.9 95.9



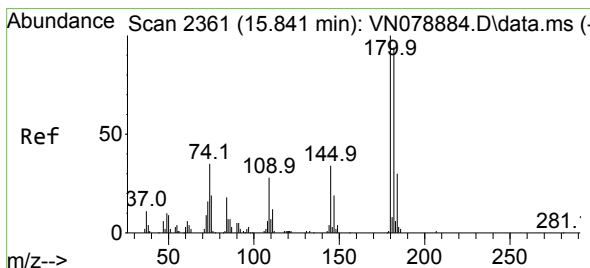
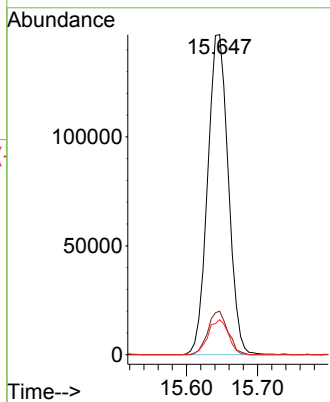
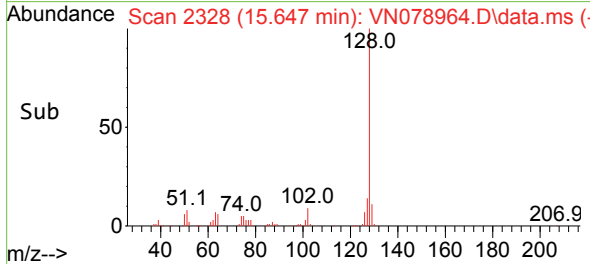


#95
Naphthalene
Concen: 46.224 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 296712
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.547 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078964.D
Acq: 19 Aug 2023 00:02

Tgt Ion:180 Resp: 96040
Ion Ratio Lower Upper
180 100
182 93.0 46.2 138.6
145 33.3 17.5 52.6

