

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078941.D
 Acq On : 18 Aug 2023 14:36
 Operator : JC\MD
 Sample : VN0818WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 23:41:15 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	8.229	168	196038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147888	48.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.960%
35) Dibromofluoromethane	8.177	113	116455	51.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	10.570	98	420200	50.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.853	95	133195	48.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	43706	16.068	ug/l	97
3) Chloromethane	2.365	50	50824	13.382	ug/l	100
4) Vinyl Chloride	2.512	62	51690	15.519	ug/l	99
5) Bromomethane	2.953	94	30332	15.862	ug/l	95
6) Chloroethane	3.118	64	34741	14.921	ug/l	99
7) Trichlorofluoromethane	3.494	101	69407	17.109	ug/l	98
8) Diethyl Ether	3.965	74	23229	15.104	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	37269	17.250	ug/l	99
10) Methyl Iodide	4.594	142	40098	16.588	ug/l	94
11) Tert butyl alcohol	5.535	59	37505	73.269	ug/l	99
12) 1,1-Dichloroethene	4.341	96	34229	16.264	ug/l #	69
13) Acrolein	4.189	56	31150	101.083	ug/l	97
14) Allyl chloride	5.030	41	56120	13.398	ug/l #	83
15) Acrylonitrile	5.730	53	108269	78.076	ug/l	96
16) Acetone	4.436	43	102154	81.159	ug/l	95
17) Carbon Disulfide	4.718	76	97943	16.625	ug/l	98
18) Methyl Acetate	5.036	43	82079	15.436	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	118716	15.659	ug/l	100
20) Methylene Chloride	5.277	84	42854	15.976	ug/l #	71
21) trans-1,2-Dichloroethene	5.788	96	37257	15.787	ug/l	93
22) Diisopropyl ether	6.677	45	141486	15.966	ug/l #	87
23) Vinyl Acetate	6.606	43	441541	75.674	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	77843	16.080	ug/l #	92
25) 2-Butanone	7.488	43	155780	77.194	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	62454	15.960	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	45243	15.772	ug/l	85
28) Bromochloromethane	7.818	49	49240	19.174	ug/l #	78
29) Tetrahydrofuran	7.847	42	102194	76.509	ug/l #	71
30) Chloroform	7.971	83	79037	16.342	ug/l	95
31) Cyclohexane	8.259	56	61086	14.164	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	68133	16.522	ug/l	93
36) 1,1-Dichloropropene	8.377	75	59080	17.405	ug/l	95
37) Ethyl Acetate	7.565	43	66173	17.424	ug/l #	90
38) Carbon Tetrachloride	8.371	117	58694	17.258	ug/l	98
39) Methylcyclohexane	9.606	83	49609	15.891	ug/l #	80
40) Benzene	8.612	78	169148	16.859	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33883	16.381	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	66065	17.625	ug/l	97
43) Isopropyl Acetate	8.694	43	102367	15.250	ug/l #	86
44) Trichloroethene	9.353	130	41601	17.451	ug/l	91
45) 1,2-Dichloropropane	9.623	63	45080	16.876	ug/l	100
46) Dibromomethane	9.712	93	30743	16.780	ug/l	91
47) Bromodichloromethane	9.894	83	63086	17.437	ug/l	95
48) Methyl methacrylate	9.688	41	47191	15.514	ug/l #	77
49) 1,4-Dioxane	9.694	88	16634	321.054	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	315220	79.177	ug/l #	85
52) Toluene	10.635	92	105092	17.061	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	63735	16.427	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	68938	16.315	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	42716	17.295	ug/l	95
56) Ethyl methacrylate	10.882	69	59673	15.586	ug/l #	73
57) 1,3-Dichloropropane	11.170	76	73009	16.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	127915	69.601	ug/l	92
59) 2-Hexanone	11.200	43	229720	79.664	ug/l	83
60) Dibromochloromethane	11.365	129	44470	17.110	ug/l	98
61) 1,2-Dibromoethane	11.476	107	40846	16.274	ug/l	98
64) Tetrachloroethene	11.106	164	32813	17.524	ug/l	94
65) Chlorobenzene	11.894	112	110512	17.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	42165	17.555	ug/l	96
67) Ethyl Benzene	11.970	91	184595	15.972	ug/l	99
68) m/p-Xylenes	12.076	106	139769	32.345	ug/l	98
69) o-Xylene	12.406	106	67898	16.152	ug/l	96
70) Styrene	12.417	104	109866	15.675	ug/l	98
71) Bromoform	12.582	173	29507	16.898	ug/l #	98
73) Isopropylbenzene	12.700	105	161374	15.834	ug/l	99
74) N-amyl acetate	12.500	43	75628	14.701	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	62335	16.939	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	76952	26.128	ug/l	66
77) Bromobenzene	12.982	156	42583	17.382	ug/l	97
78) n-propylbenzene	13.041	91	186420	15.774	ug/l	97
79) 2-Chlorotoluene	13.135	91	121780	16.611	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	130930	16.211	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	17985	15.600	ug/l #	67
82) 4-Chlorotoluene	13.229	91	115366	16.083	ug/l	100
83) tert-Butylbenzene	13.441	119	101418	14.945	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	128186	16.029	ug/l	95
85) sec-Butylbenzene	13.623	105	145470	15.577	ug/l	100
86) p-Isopropyltoluene	13.735	119	115787	15.518	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	67513	16.015	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	66604	15.785	ug/l	96
89) n-Butylbenzene	14.058	91	86017	14.008	ug/l	100
90) Hexachloroethane	14.335	117	24305	16.250	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	69163	16.498	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	11070	15.170	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	20948	14.095	ug/l	96
94) Hexachlorobutadiene	15.511	225	12421	14.254	ug/l	92
95) Naphthalene	15.641	128	56378	12.068	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	23412	14.383	ug/l	97

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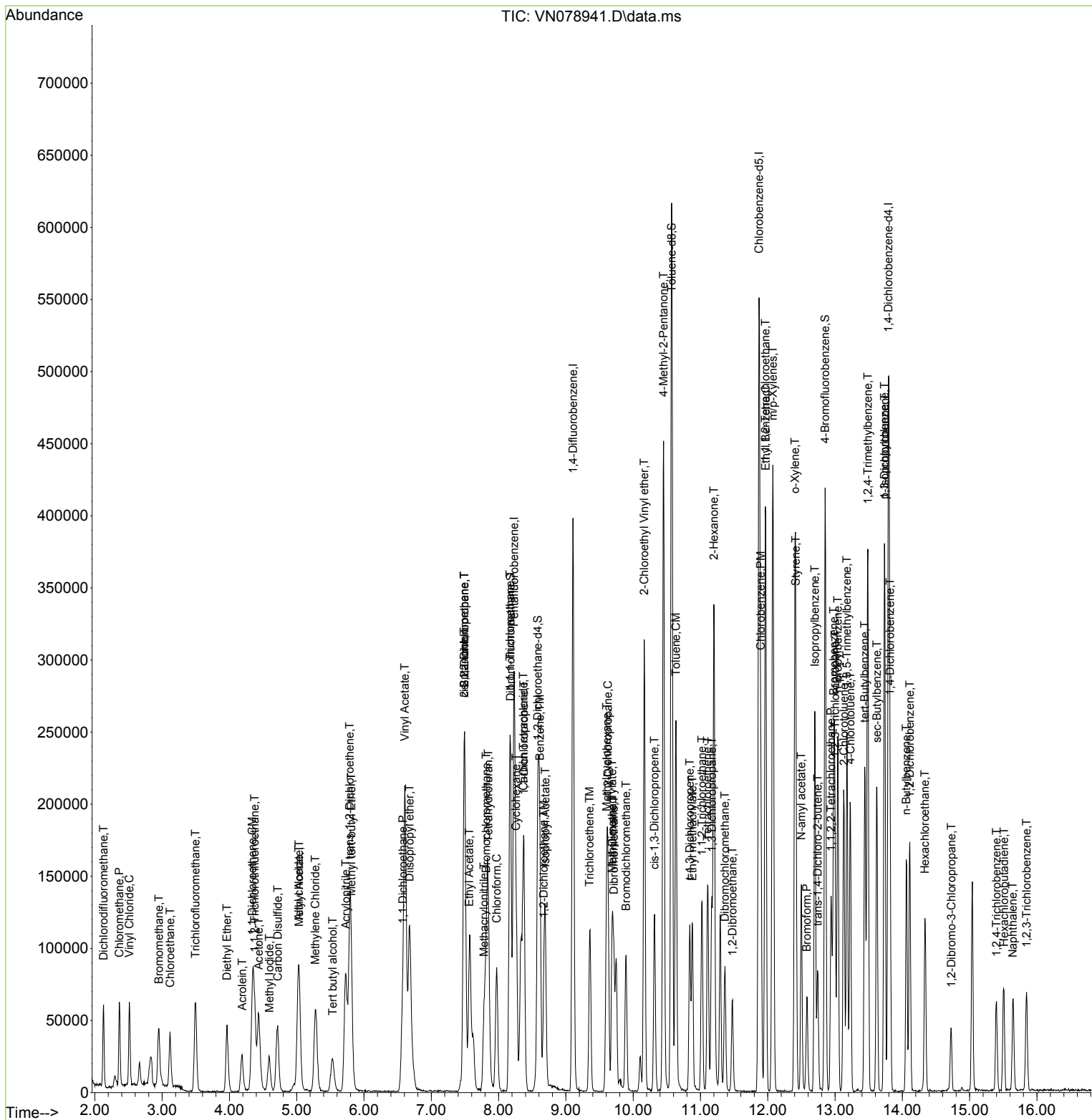
Instrument :
MSVOA_N
ClientSampleId :

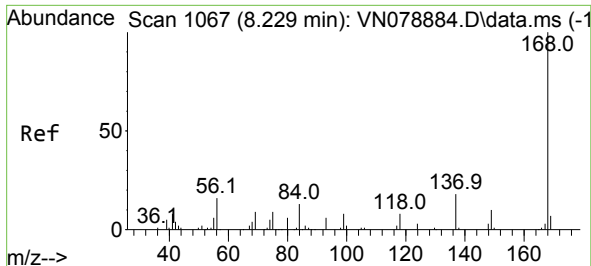
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

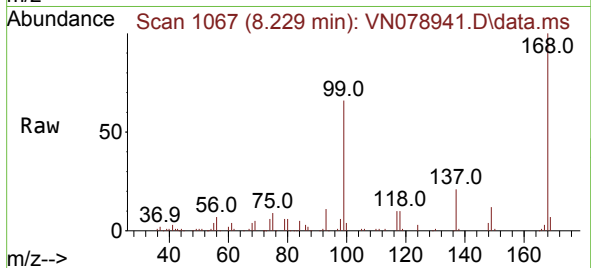
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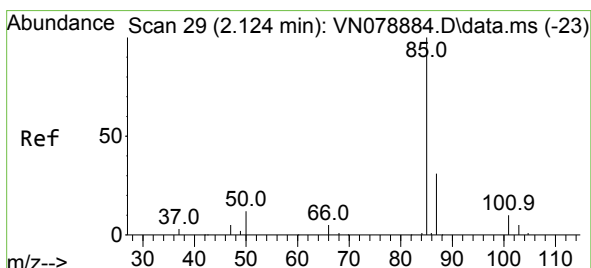
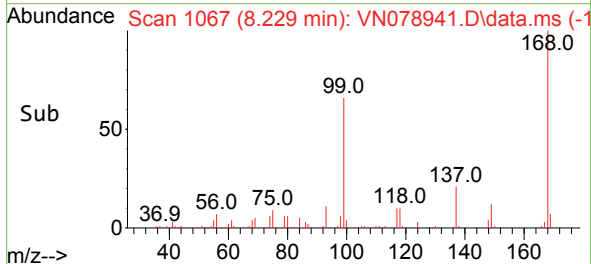
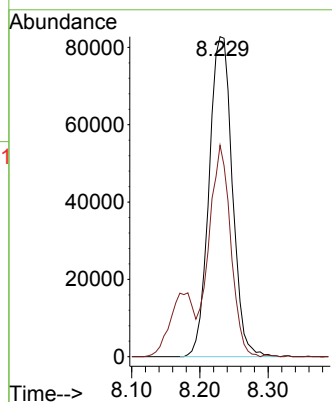


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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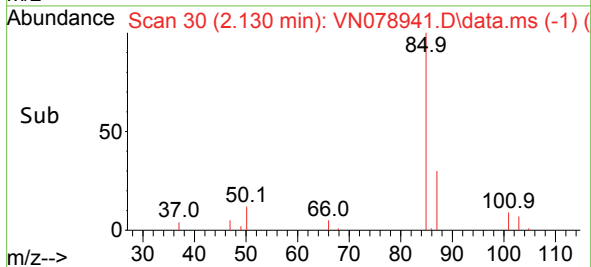
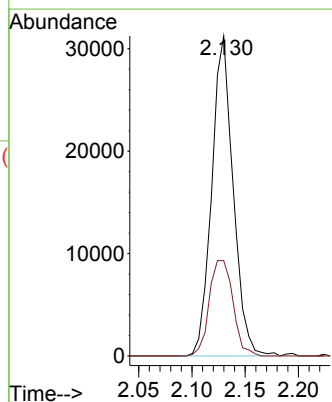
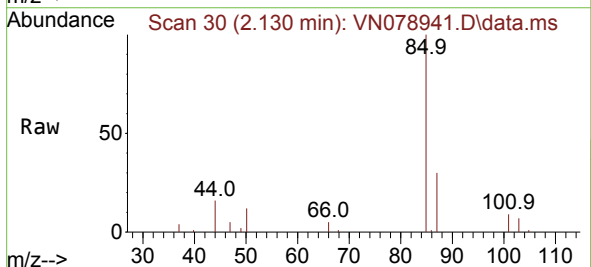


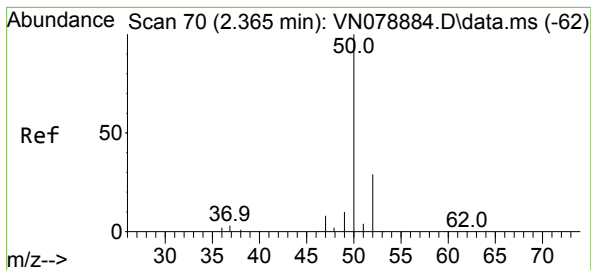
Tgt Ion:168 Resp: 196038
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.068 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 85 Resp: 43706
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3

Chloromethane

Concen: 13.382 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

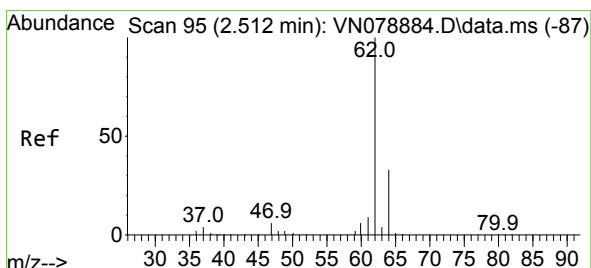
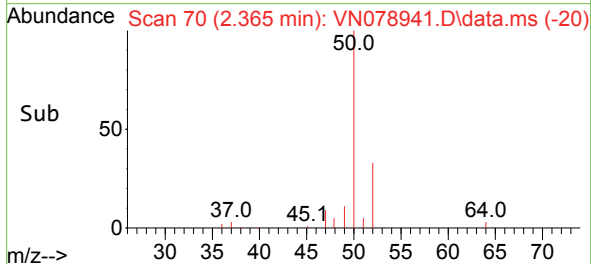
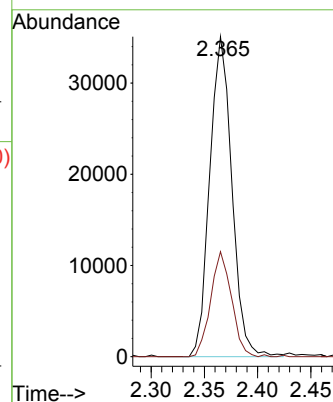
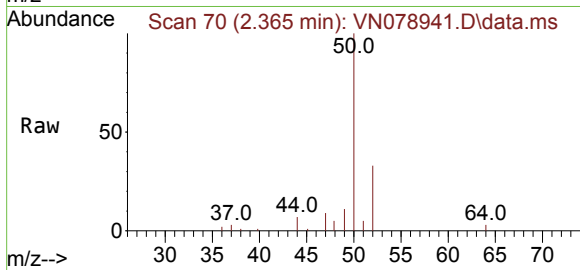
ClientSampleId :

Tgt Ion: 50 Resp: 50824

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 15.519 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078941.D

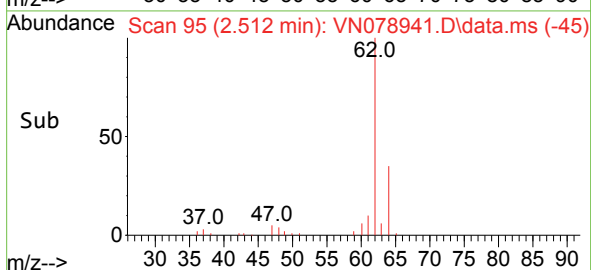
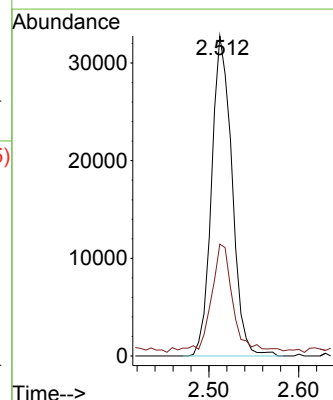
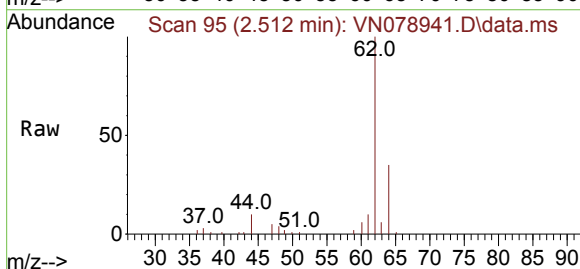
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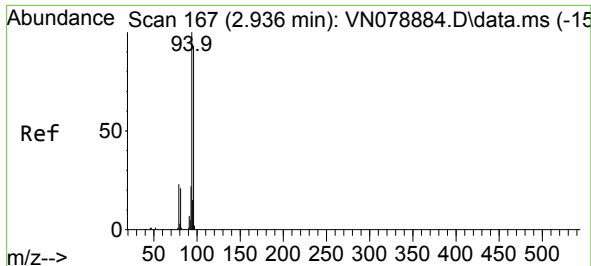
Tgt Ion: 62 Resp: 51690

Ion Ratio Lower Upper

62 100

64 33.4 26.2 39.2





#5

Bromomethane

Concen: 15.862 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.005 min

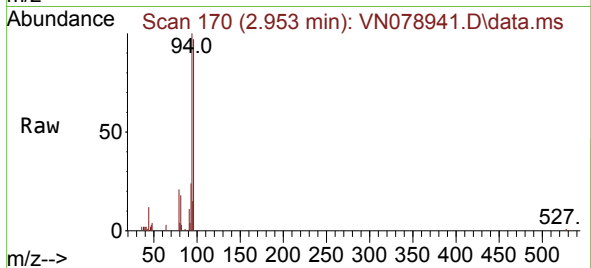
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Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

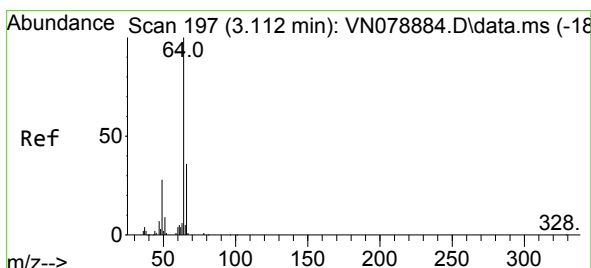
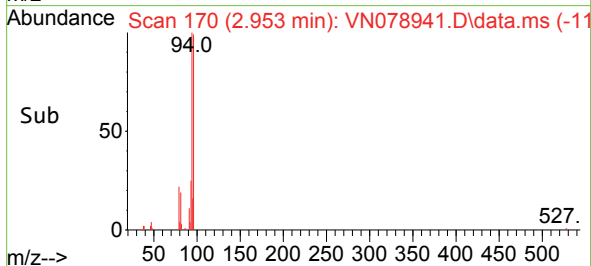
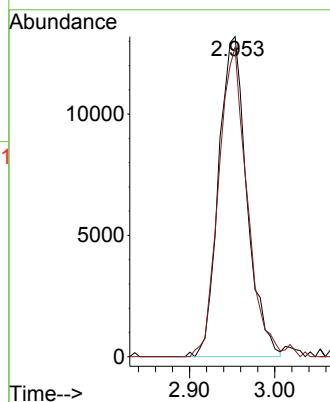


Tgt Ion: 94 Resp: 30332

Ion Ratio Lower Upper

94 100

96 96.6 73.1 109.7



#6

Chloroethane

Concen: 14.921 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN078941.D

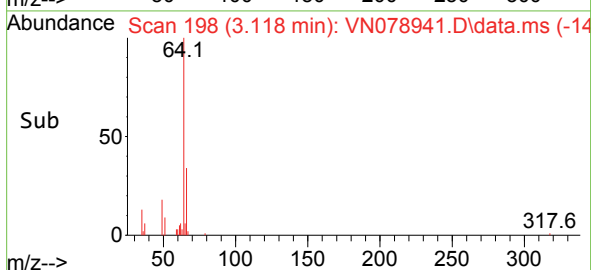
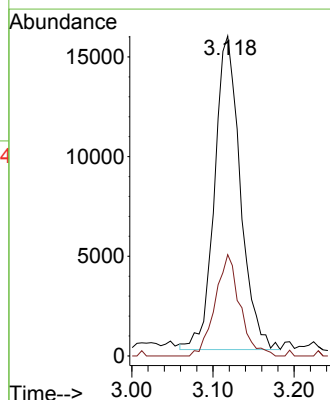
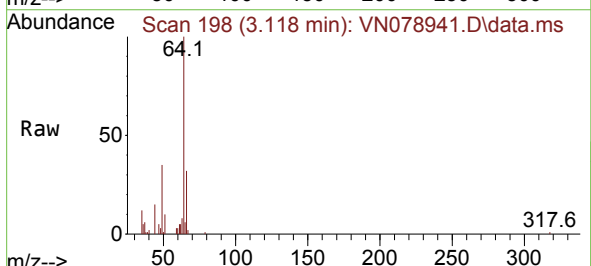
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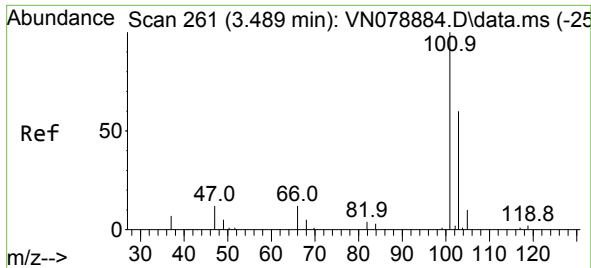
Tgt Ion: 64 Resp: 34741

Ion Ratio Lower Upper

64 100

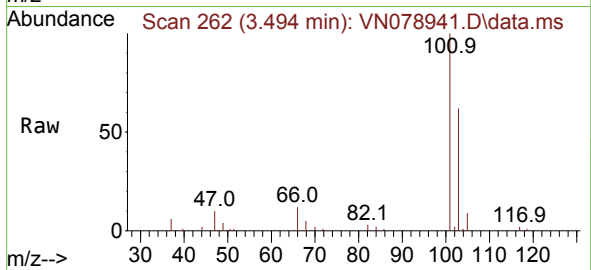
66 32.3 25.4 38.2



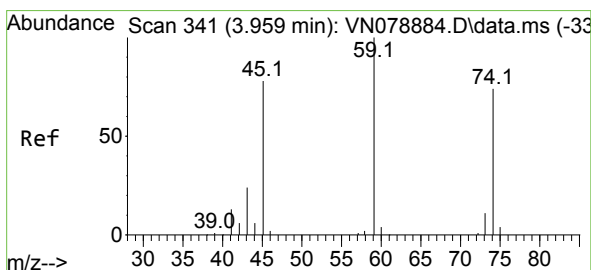
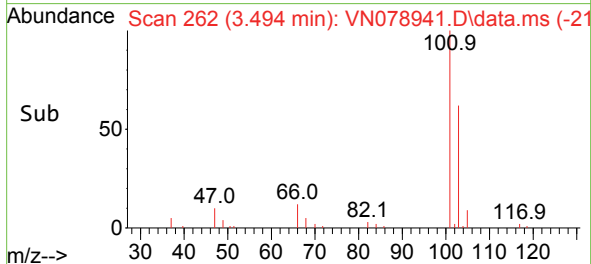
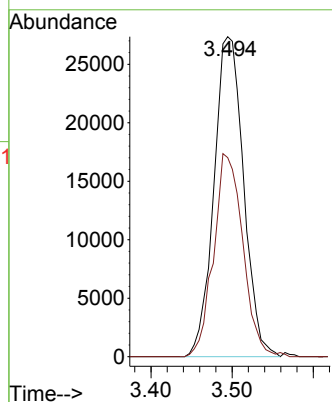


#7
 Trichlorofluoromethane
 Concen: 17.109 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VN078941.D
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Instrument :
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 ClientSampleId :

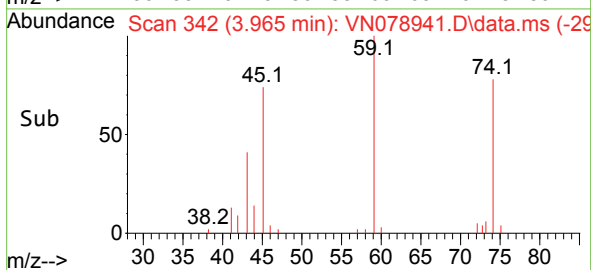
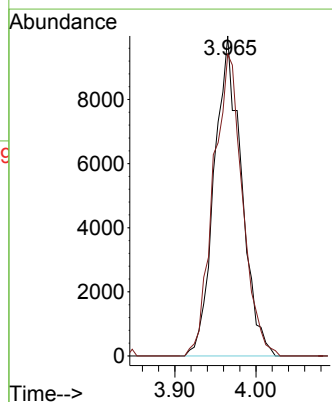
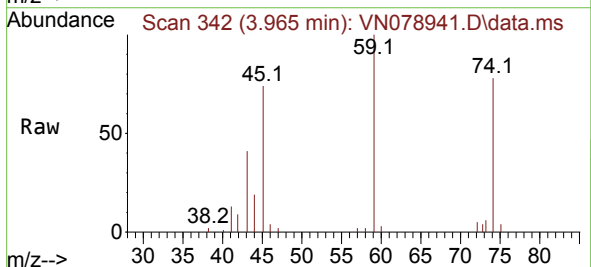


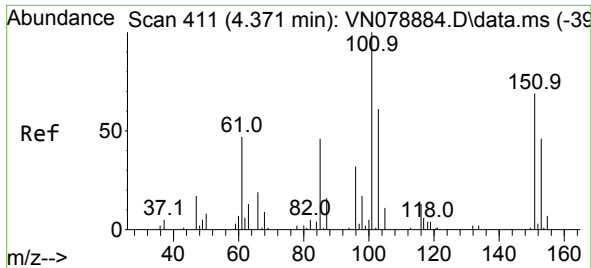
Tgt Ion:101 Resp: 69407
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 15.104 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

Tgt Ion: 74 Resp: 23229
 Ion Ratio Lower Upper
 74 100
 45 100.8 34.4 103.3

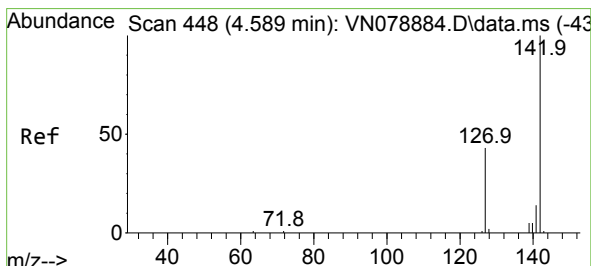
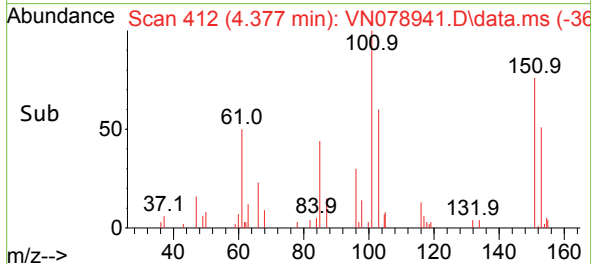
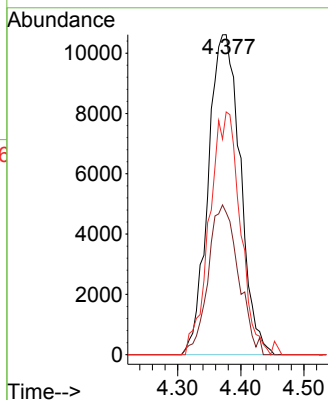
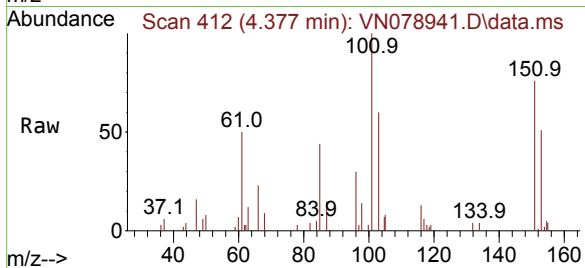




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.250 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

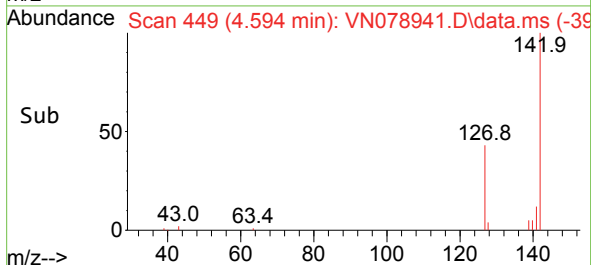
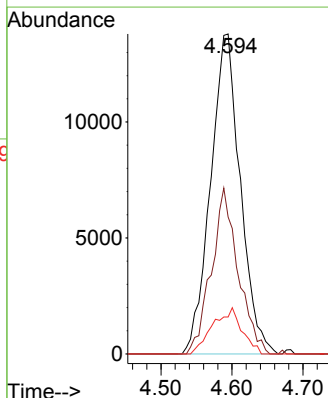
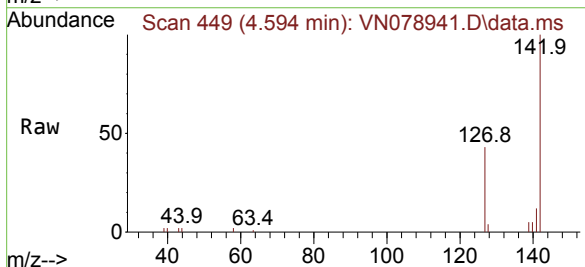
Instrument :
MSVOA_N
ClientSampleId :

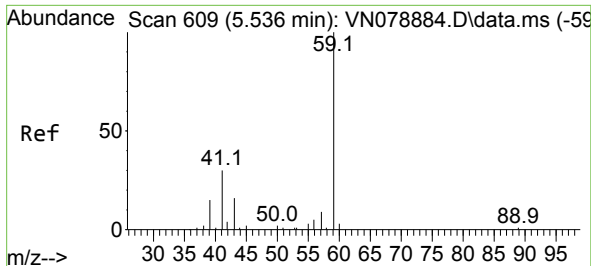
Tgt Ion:101 Resp: 37269
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 72.9 57.6 86.4



#10
Methyl Iodide
Concen: 16.588 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:142 Resp: 40098
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 11.6 11.4 17.0

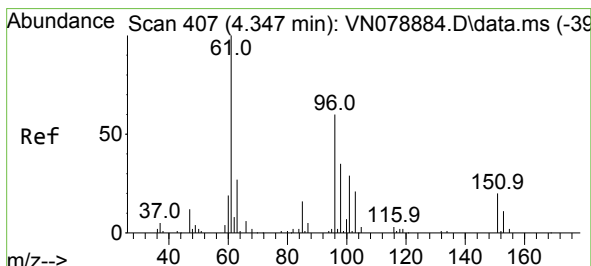
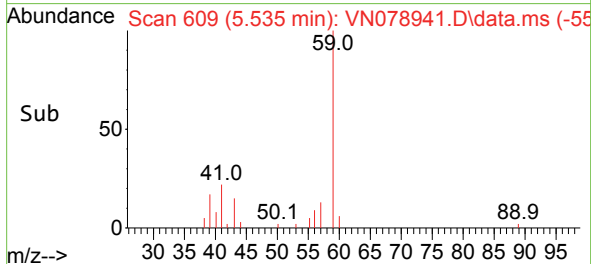
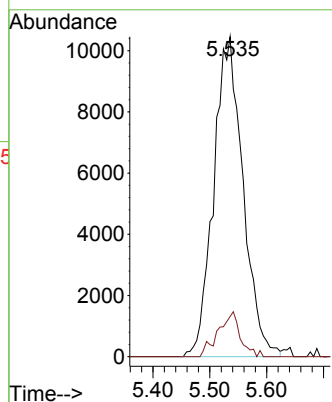
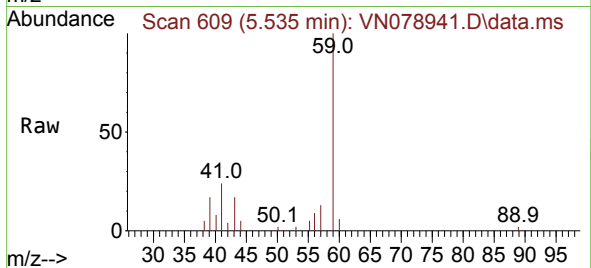




#11
Tert butyl alcohol
Concen: 73.269 ug/l
RT: 5.535 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

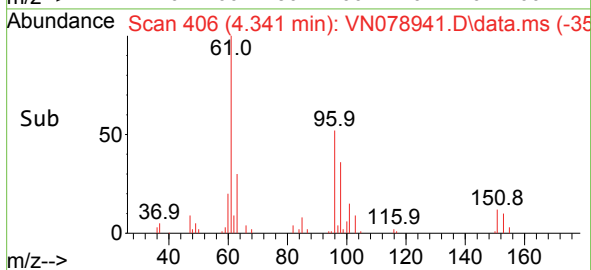
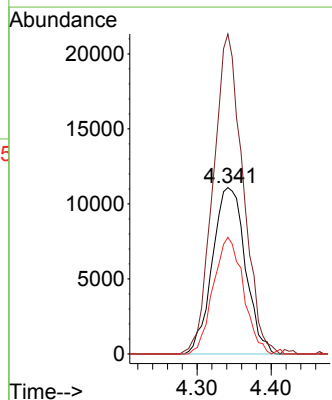
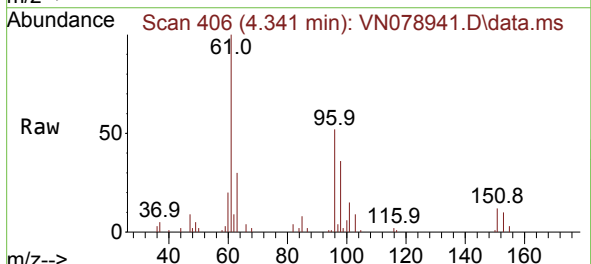
Instrument :
MSVOA_N
ClientSampleId :

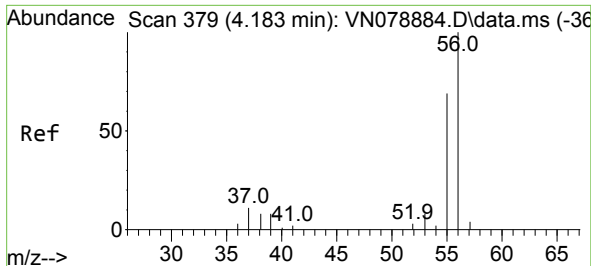
Tgt Ion: 59 Resp: 37505
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.264 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 96 Resp: 34229
Ion Ratio Lower Upper
96 100
61 192.2 112.7 169.1#
98 70.1 51.2 76.8





#13

Acrolein

Concen: 101.083 ug/l

RT: 4.189 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

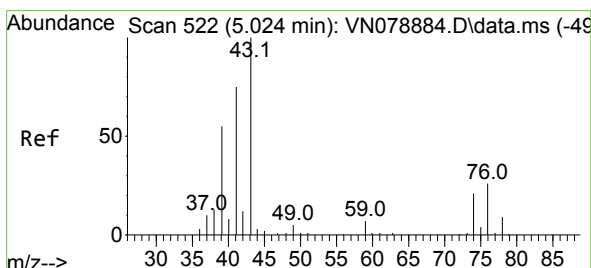
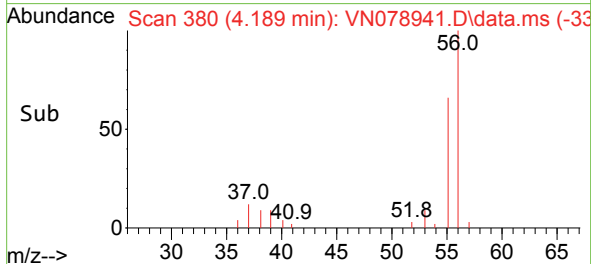
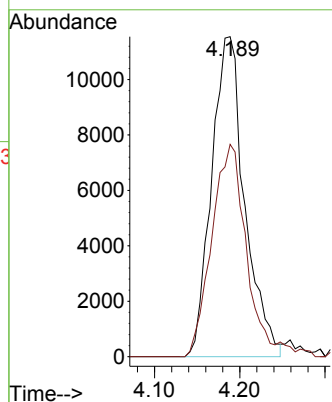
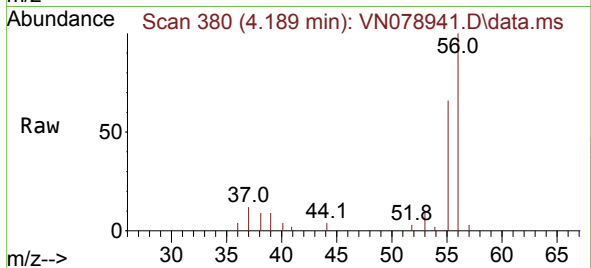
ClientSampleId :

Tgt Ion: 56 Resp: 31150

Ion Ratio Lower Upper

56 100

55 70.6 54.5 81.7



#14

Allyl chloride

Concen: 13.398 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

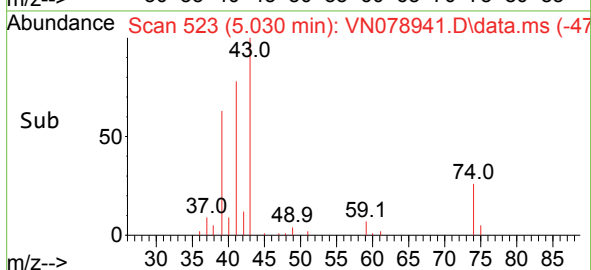
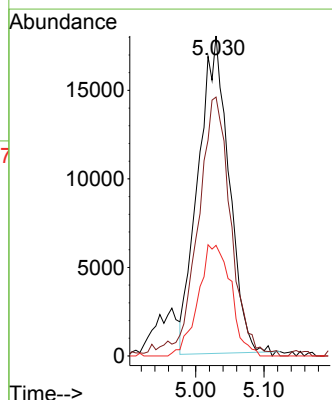
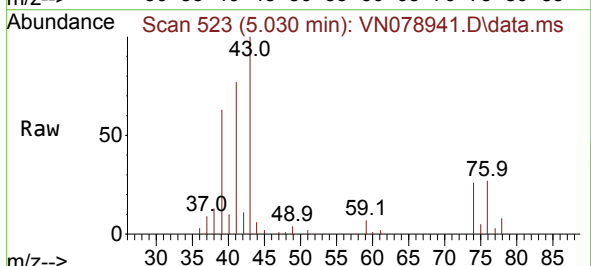
Tgt Ion: 41 Resp: 56120

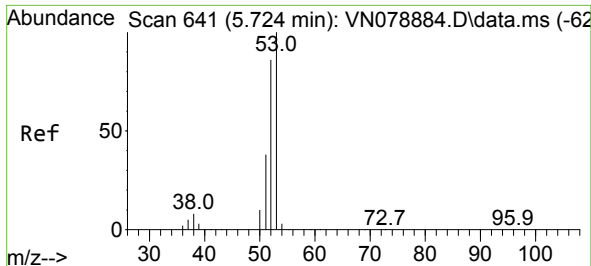
Ion Ratio Lower Upper

41 100

39 87.5 58.8 88.2

76 37.5 39.1 58.7#





#15

Acrylonitrile

Concen: 78.076 ug/l

RT: 5.730 min Scan# 641

Delta R.T. -0.000 min

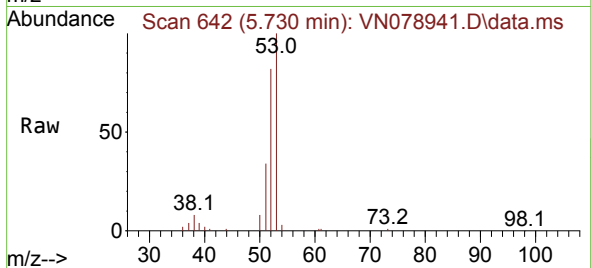
Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :



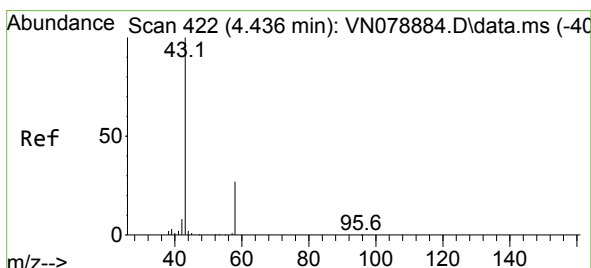
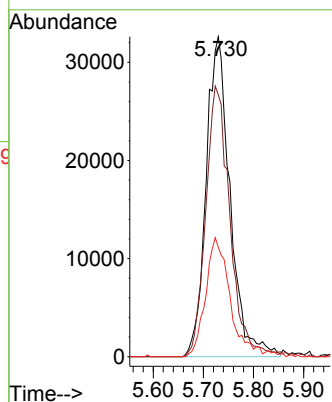
Tgt Ion: 53 Resp: 108269

Ion Ratio Lower Upper

53 100

52 85.7 65.3 97.9

51 37.9 28.9 43.3



#16

Acetone

Concen: 81.159 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN078941.D

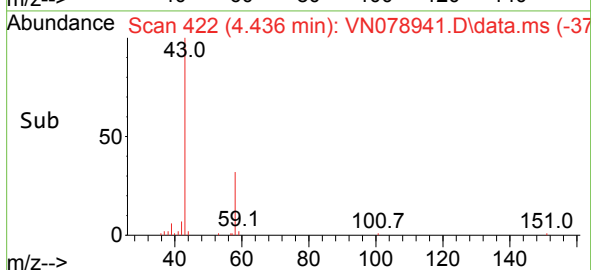
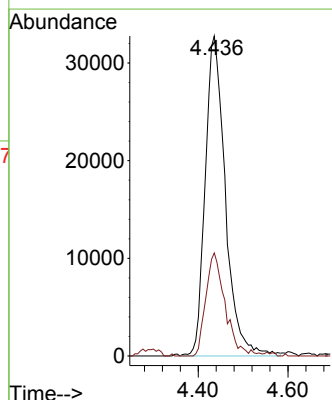
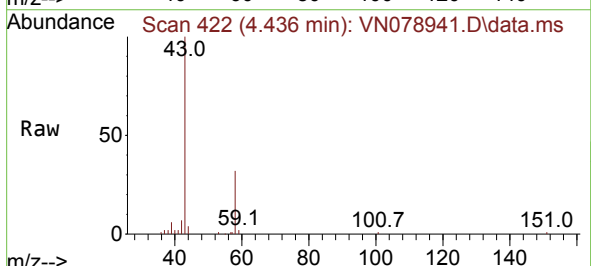
Acq: 18 Aug 2023 14:36

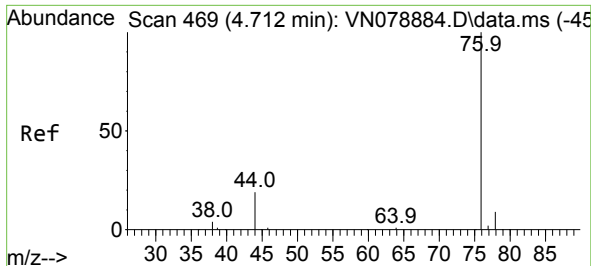
Tgt Ion: 43 Resp: 102154

Ion Ratio Lower Upper

43 100

58 32.2 28.0 42.0

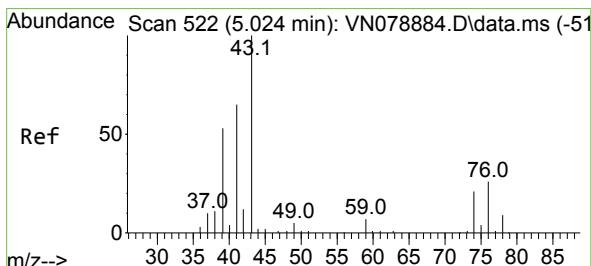
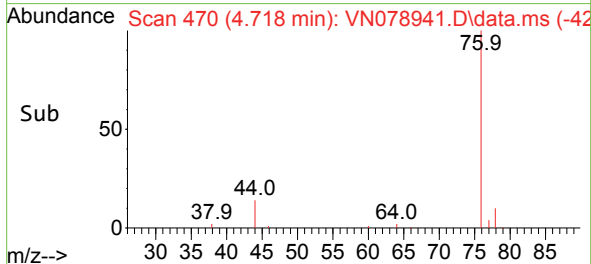
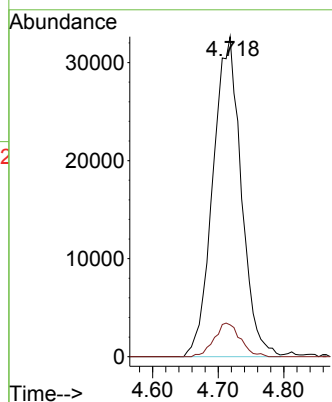
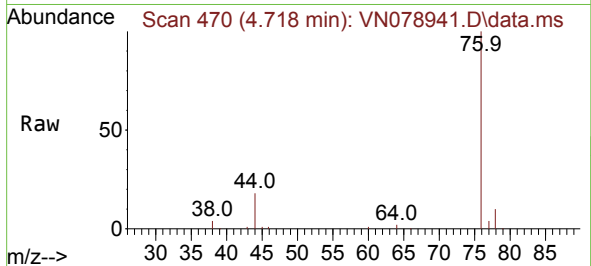




#17
Carbon Disulfide
Concen: 16.625 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

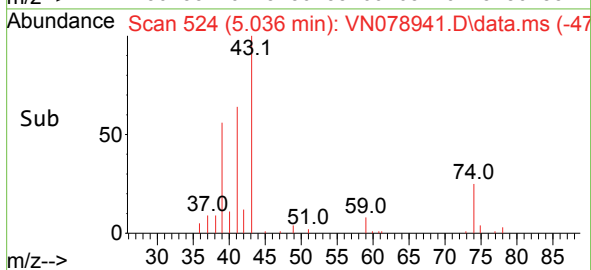
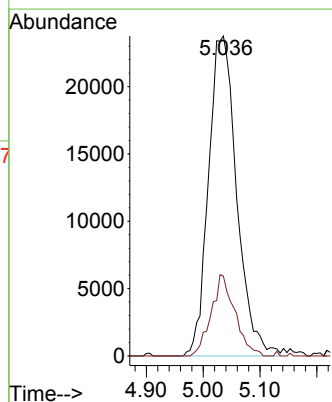
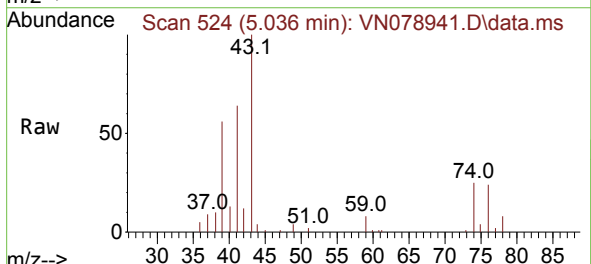
Instrument :
MSVOA_N
ClientSampleId :

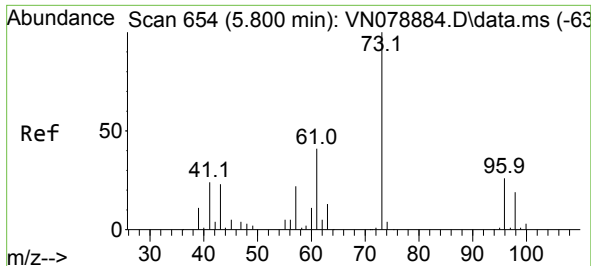
Tgt Ion: 76 Resp: 97943
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 15.436 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 43 Resp: 82079
Ion Ratio Lower Upper
43 100
74 21.3 26.2 39.4#

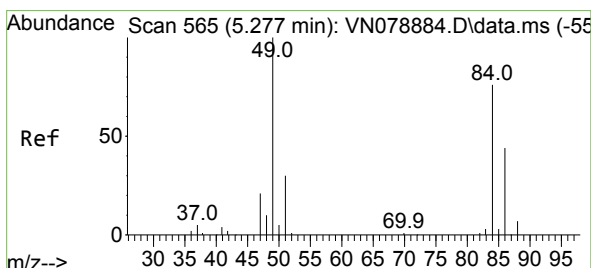
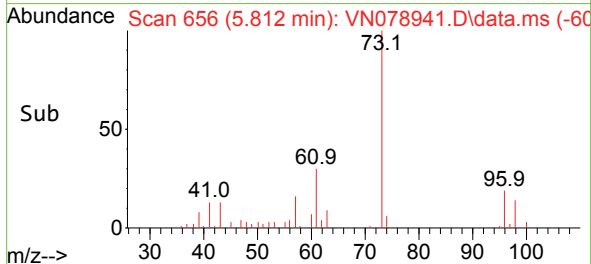
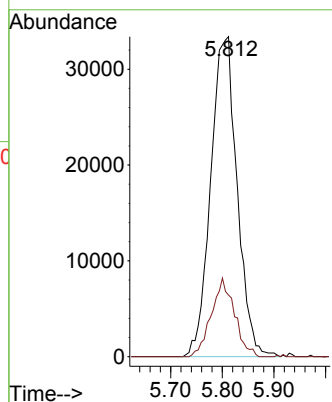
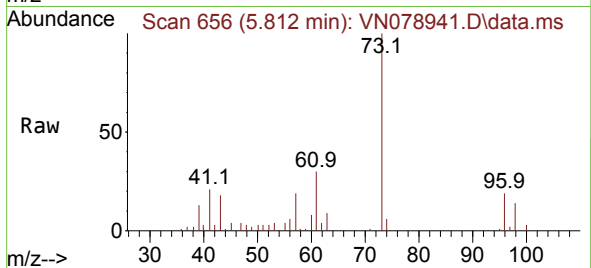




#19
Methyl tert-butyl Ether
Concen: 15.659 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

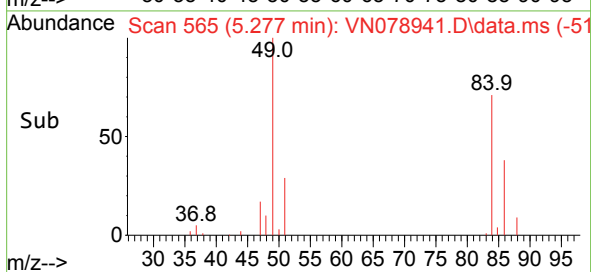
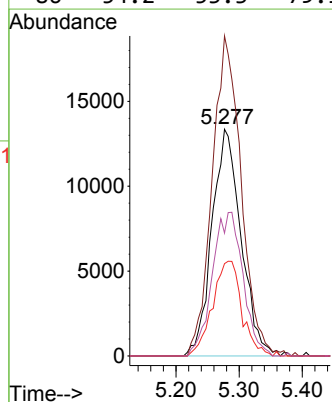
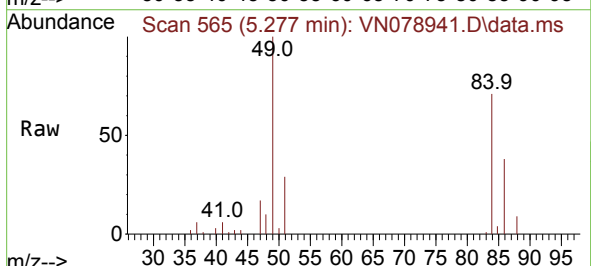
Instrument :
MSVOA_N
ClientSampleId :

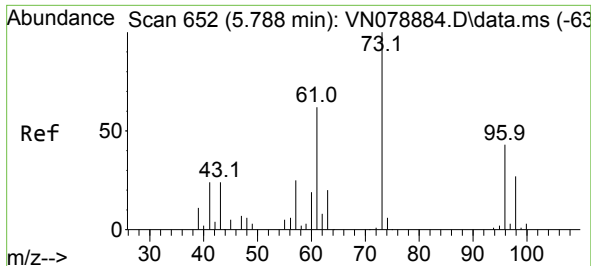
Tgt Ion: 73 Resp: 118716
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4



#20
Methylene Chloride
Concen: 15.976 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 84 Resp: 42854
Ion Ratio Lower Upper
84 100
49 141.1 79.7 119.5#
51 40.7 25.2 37.8#
86 54.2 53.3 79.9

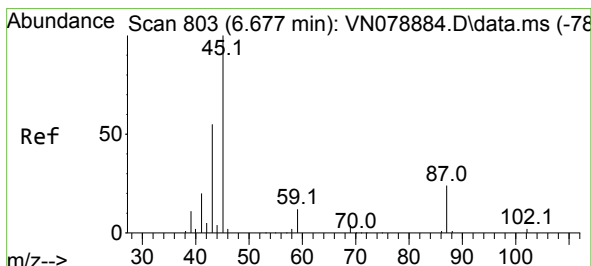
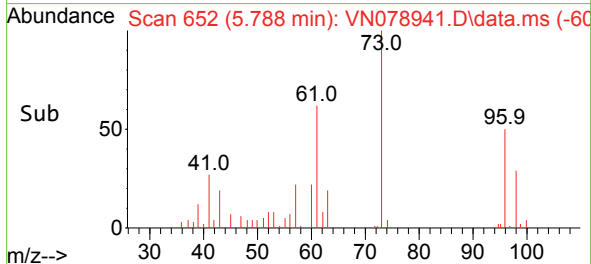
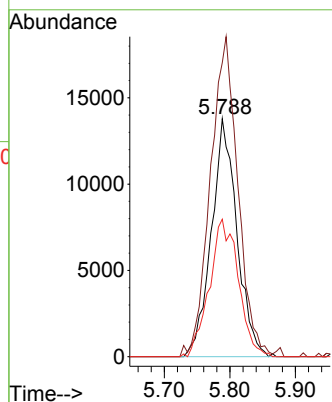
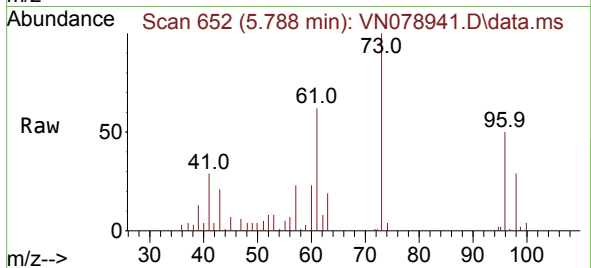




#21
trans-1,2-Dichloroethene
Concen: 15.787 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

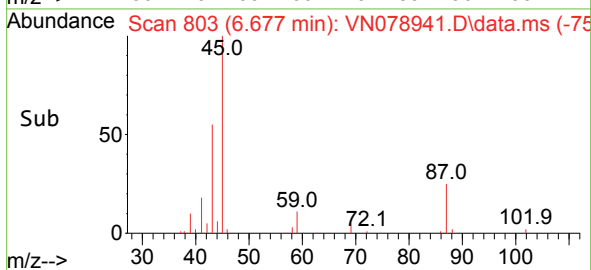
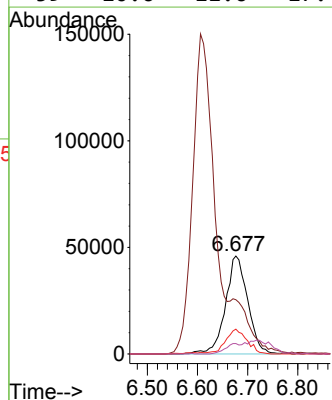
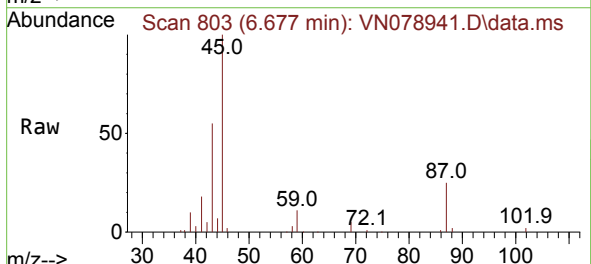
Instrument :
MSVOA_N
ClientSampleId :

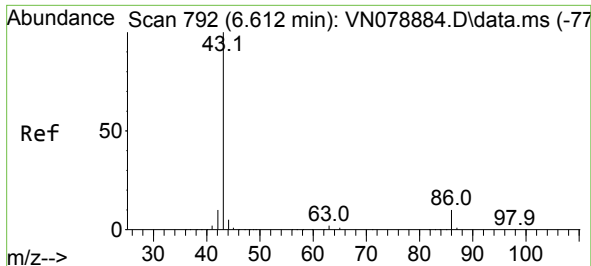
Tgt Ion: 96 Resp: 37257
Ion Ratio Lower Upper
96 100
61 123.5 90.1 135.1
98 57.8 46.4 69.6



#22
Diisopropyl ether
Concen: 15.966 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 45 Resp: 141486
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 25.3 31.8 47.8#
59 10.6 11.6 17.4#

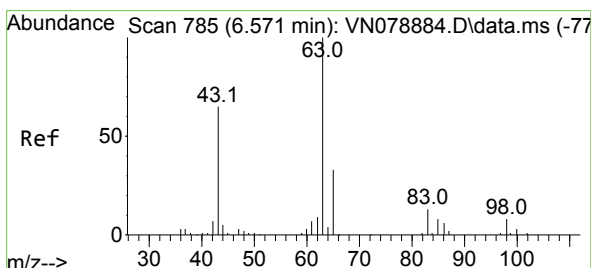
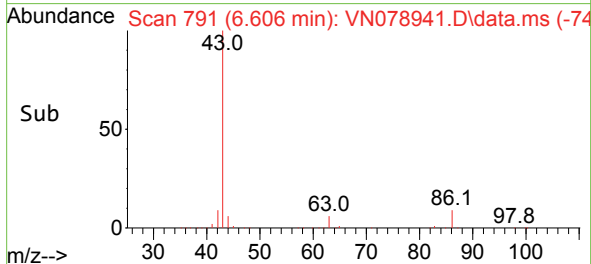
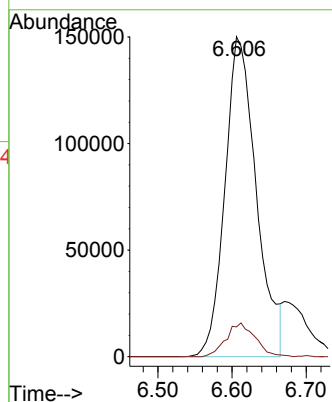
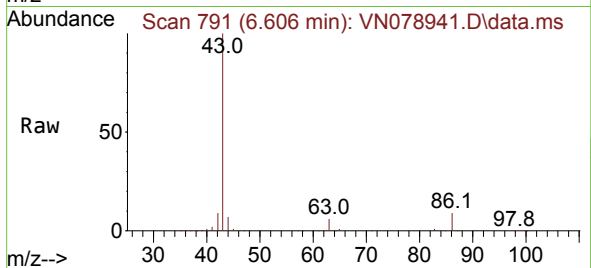




#23
 Vinyl Acetate
 Concen: 75.674 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

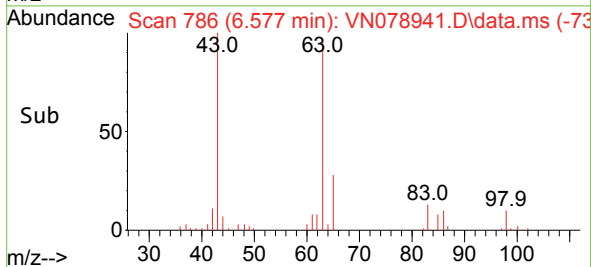
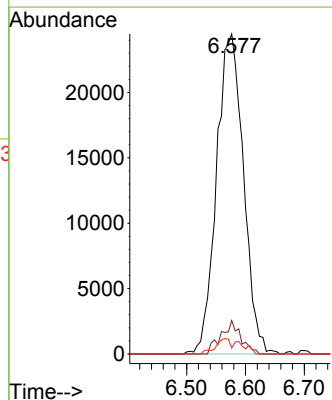
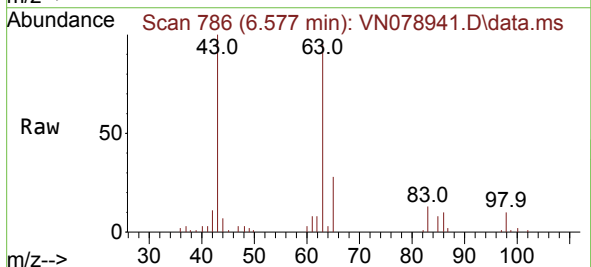
Instrument :
 MSVOA_N
 ClientSampleId :

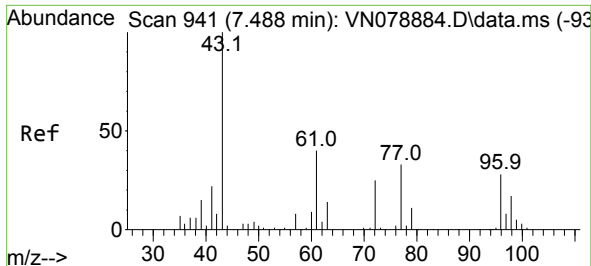
Tgt Ion: 43 Resp: 441541
 Ion Ratio Lower Upper
 43 100
 86 9.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 16.080 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

Tgt Ion: 63 Resp: 77843
 Ion Ratio Lower Upper
 63 100
 98 10.5 3.9 11.7
 100 1.9 2.5 7.4#

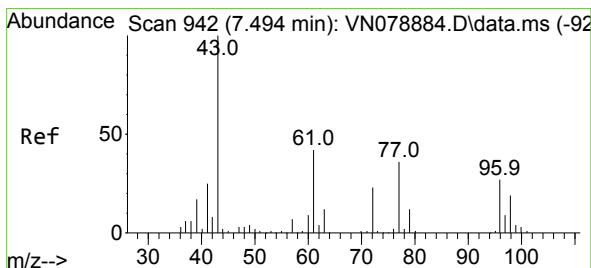
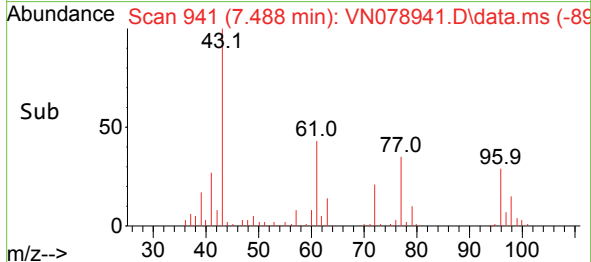
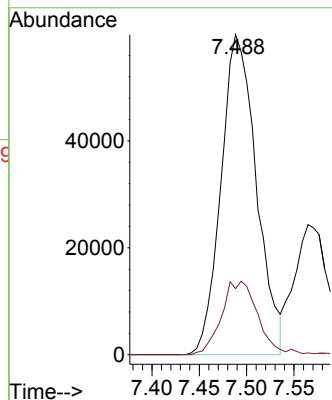
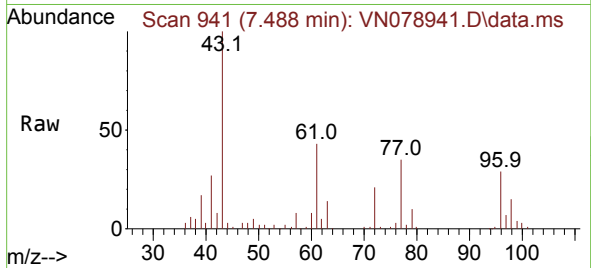




#25
2-Butanone
Concen: 77.194 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

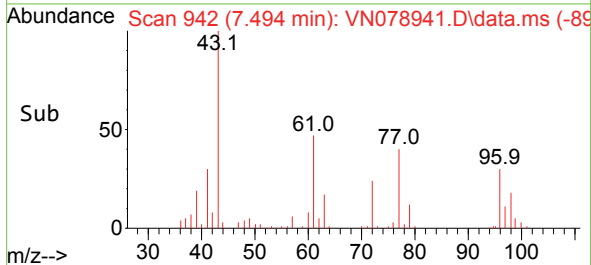
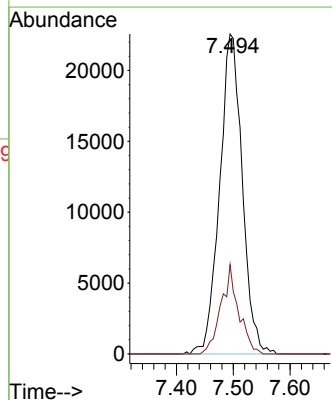
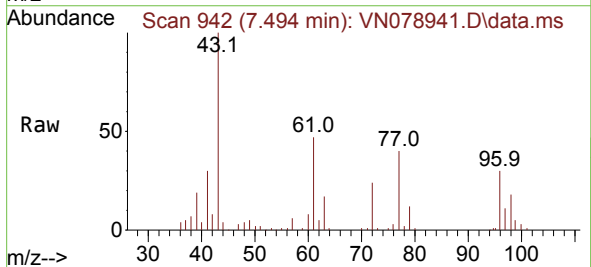
Instrument :
MSVOA_N
ClientSampleId :

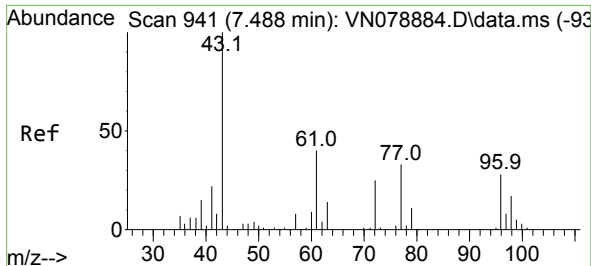
Tgt Ion: 43 Resp: 155780
Ion Ratio Lower Upper
43 100
72 20.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 15.960 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 77 Resp: 62454
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 15.772 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

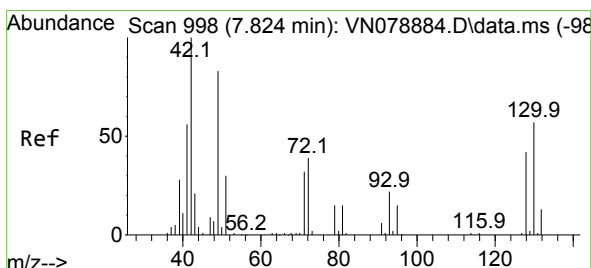
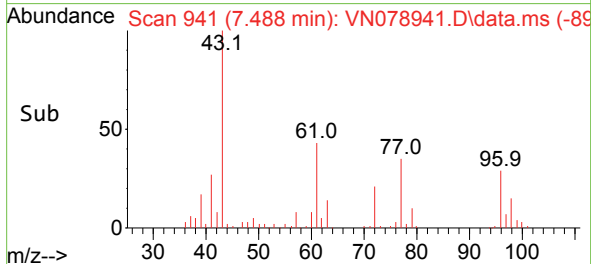
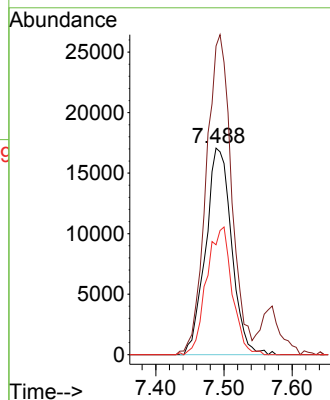
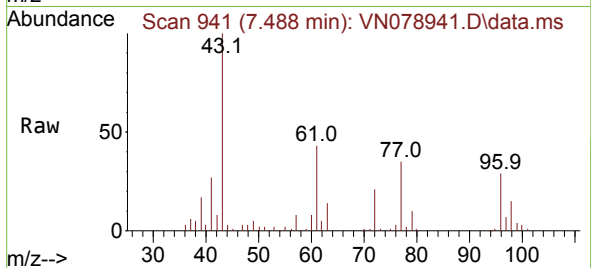
Tgt Ion: 96 Resp: 45243

Ion Ratio Lower Upper

96 100

61 150.8 0.0 255.2

98 60.8 0.0 128.8



#28

Bromochloromethane

Concen: 19.174 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

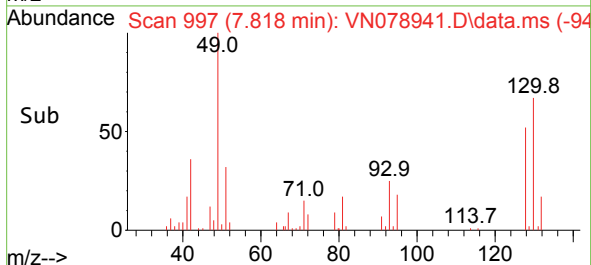
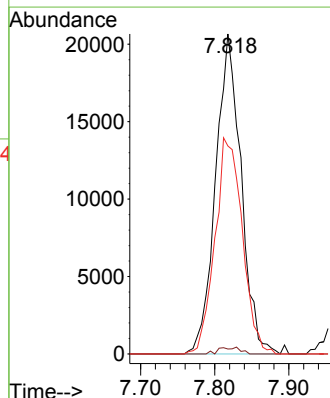
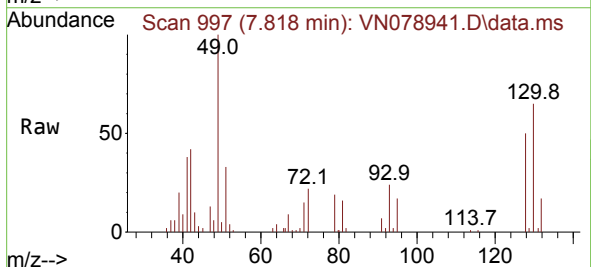
Tgt Ion: 49 Resp: 49240

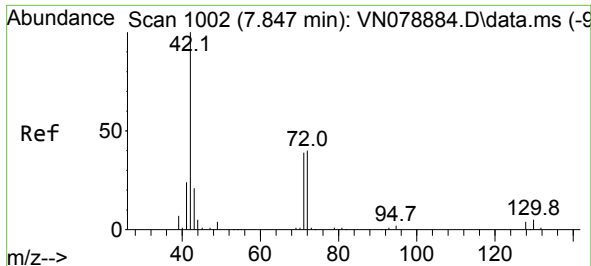
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

130 72.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 76.509 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

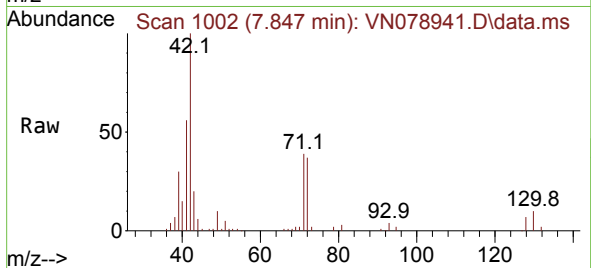
Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

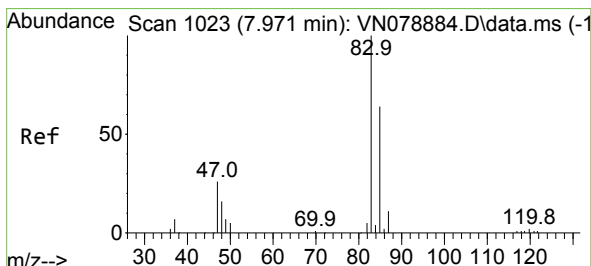
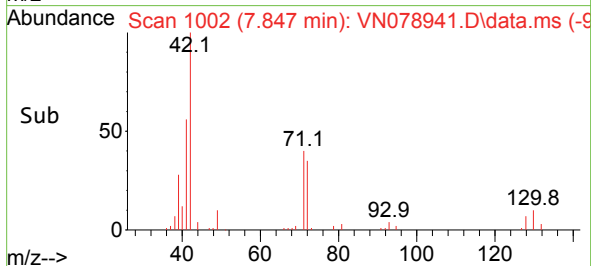
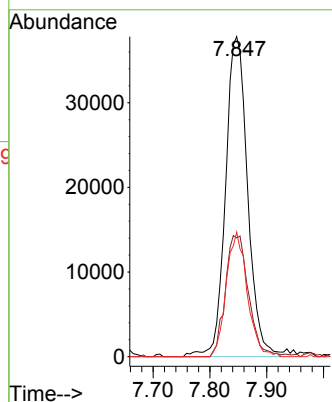
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	72	71
Resp:	102194	40.2	37.0
Lower		49.8	47.4
Upper		74.6#	71.2#



#30

Chloroform

Concen: 16.342 ug/l

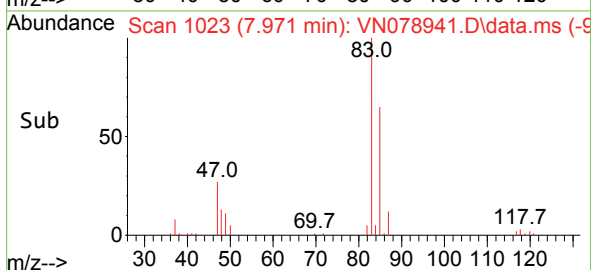
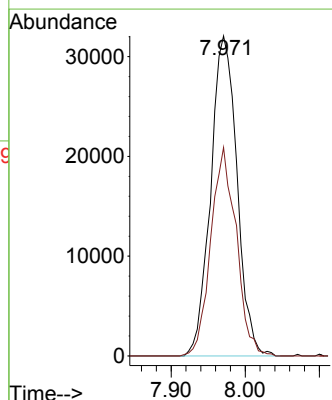
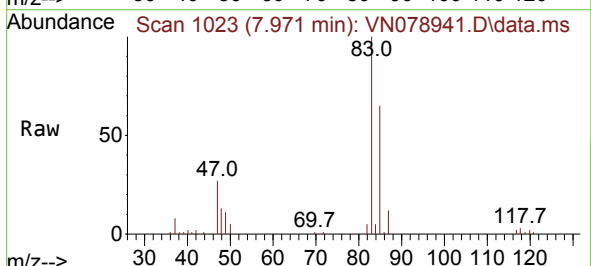
RT: 7.971 min Scan# 1023

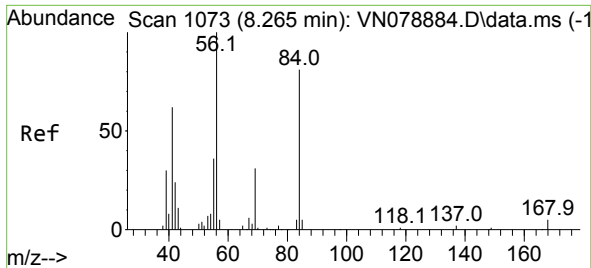
Delta R.T. -0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

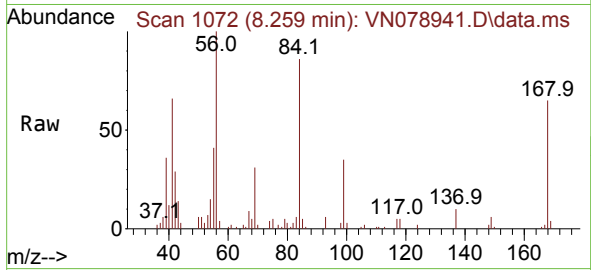
Tgt Ion:	83	85
Resp:	79037	65.2
Lower		55.4
Upper		83.0



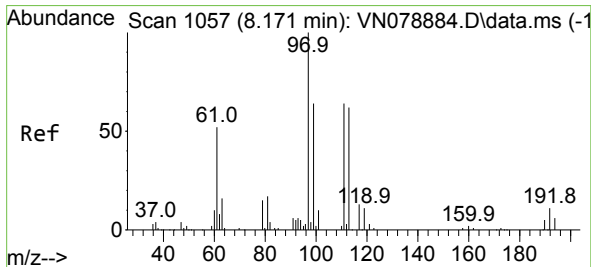
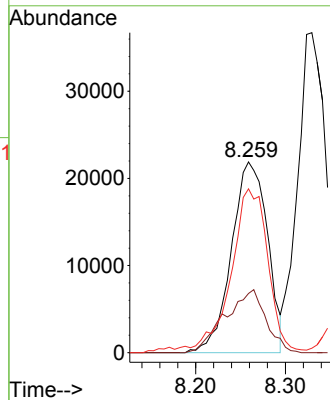
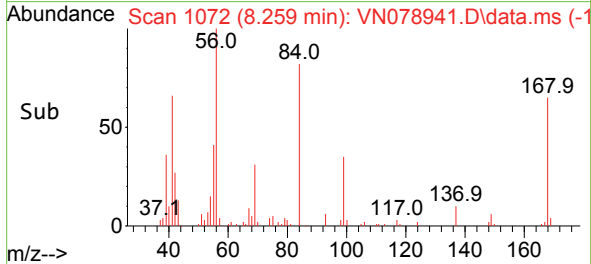


#31
Cyclohexane
Concen: 14.164 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :

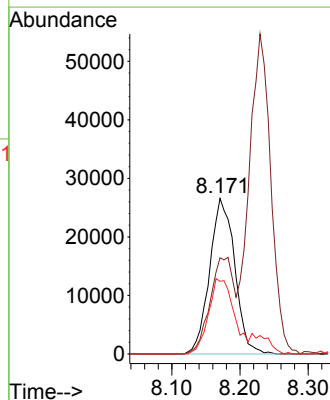
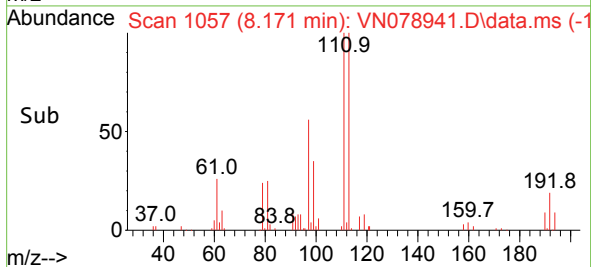
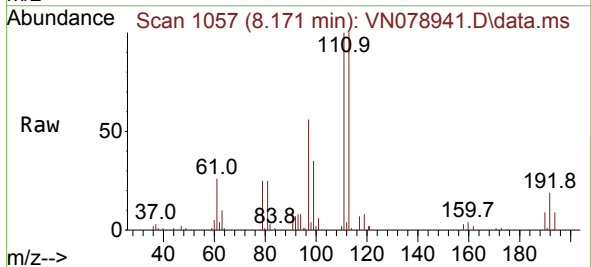


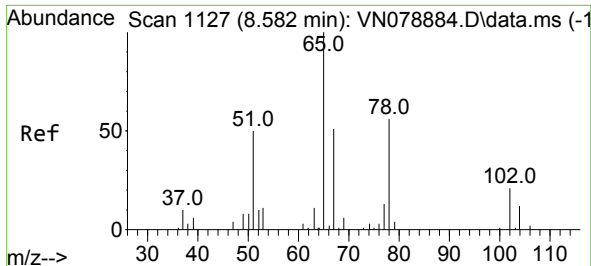
Tgt Ion: 56 Resp: 61086
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 83.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 16.522 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 97 Resp: 68133
Ion Ratio Lower Upper
97 100
99 58.7 50.3 75.5
61 49.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.480 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

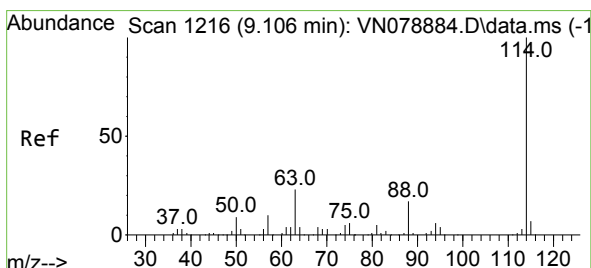
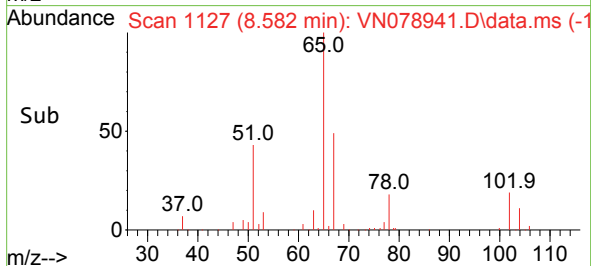
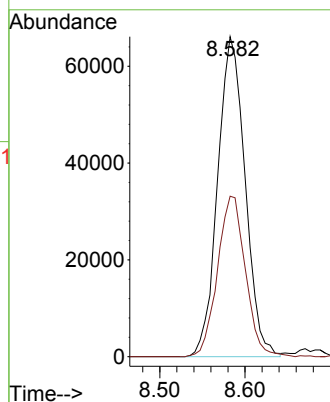
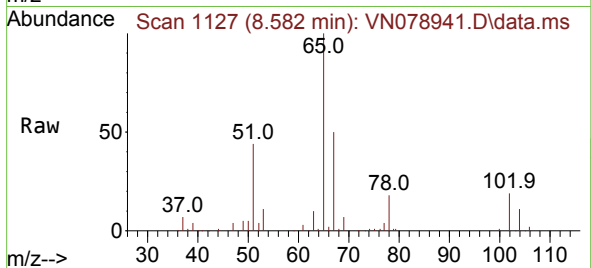
ClientSampleId :

Tgt Ion: 65 Resp: 147888

Ion Ratio Lower Upper

65 100

67 51.0 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: VN078941.D

Acq: 18 Aug 2023 14:36

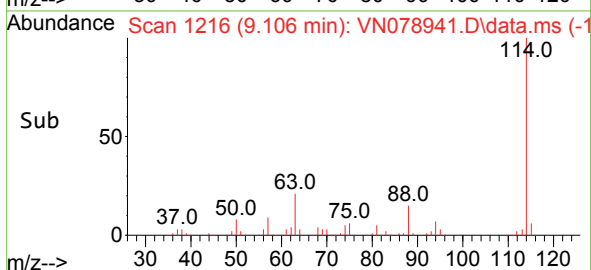
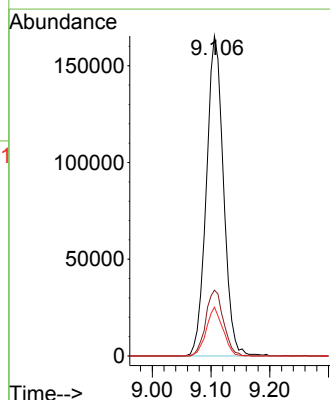
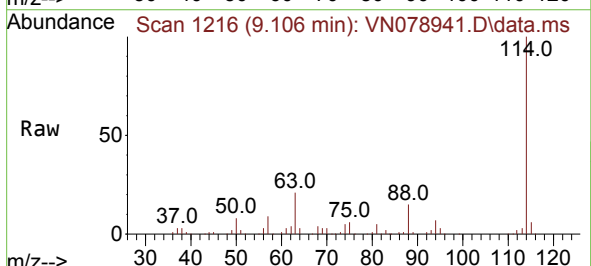
Tgt Ion: 114 Resp: 335214

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

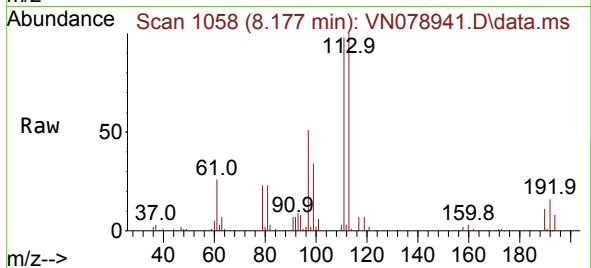
88 15.3 0.0 30.6



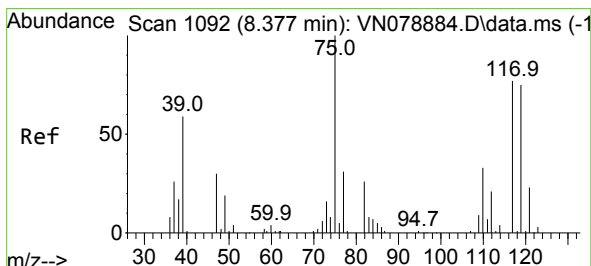
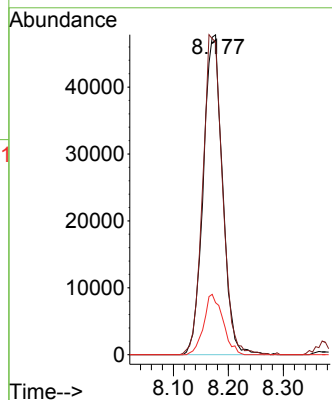
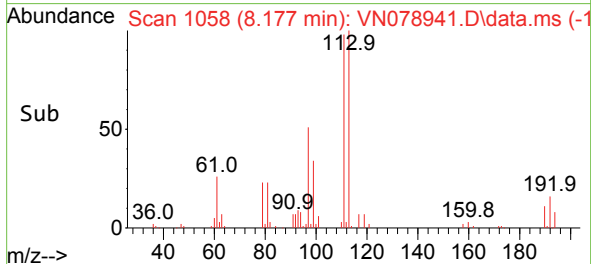


#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :

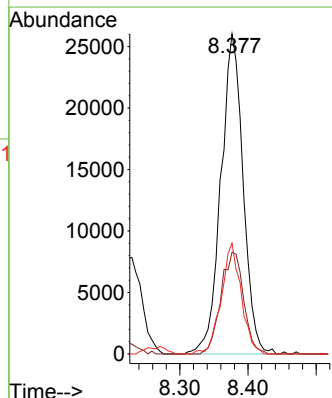
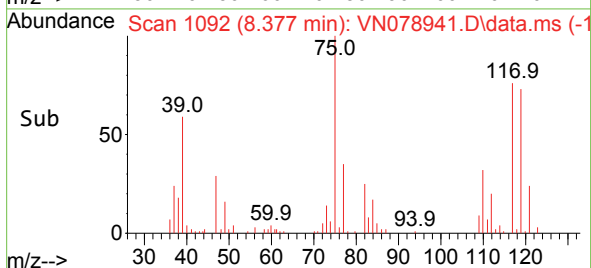
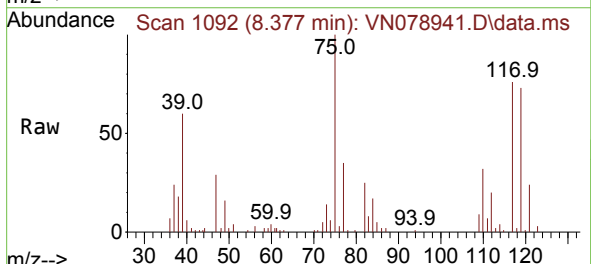


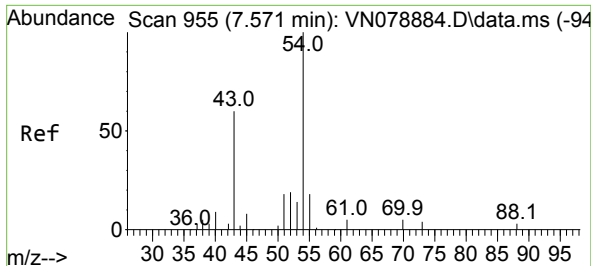
Tgt Ion:113 Resp: 116455
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.405 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 75 Resp: 59080
Ion Ratio Lower Upper
75 100
110 32.5 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 17.424 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078941.D

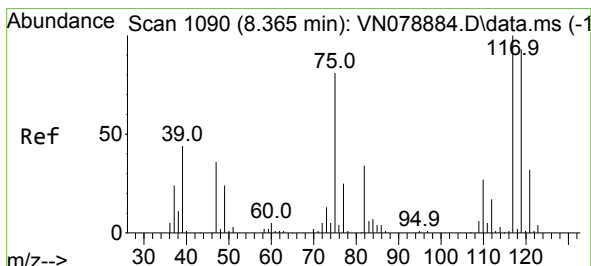
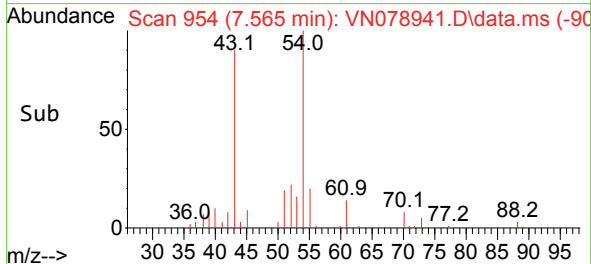
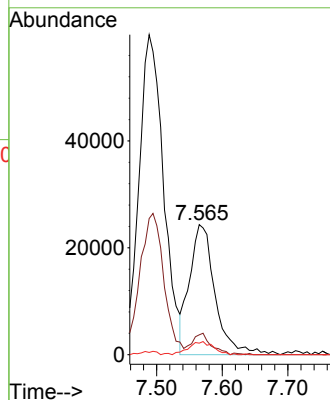
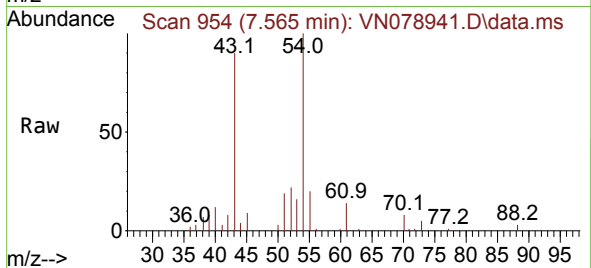
Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 66173
Ion Ratio	Lower Upper
43	100
61	12.5 13.2 19.8#
70	9.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 17.258 ug/l

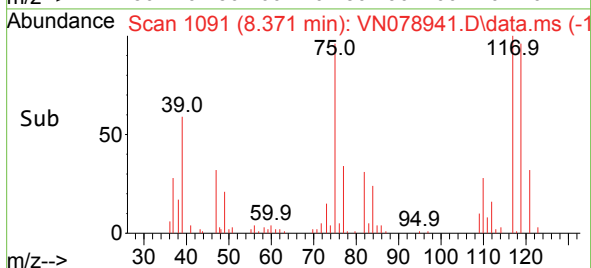
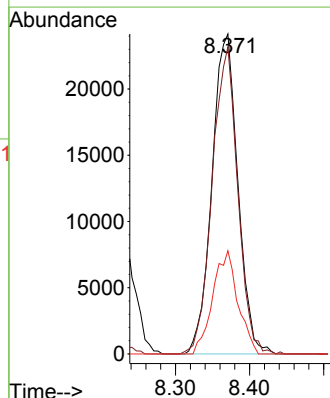
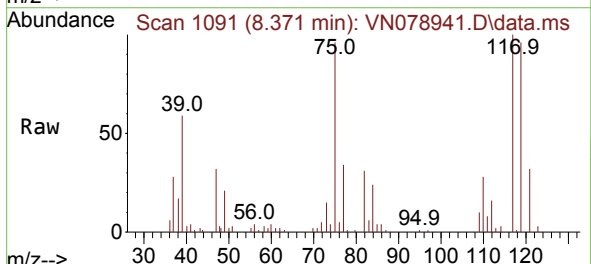
RT: 8.371 min Scan# 1091

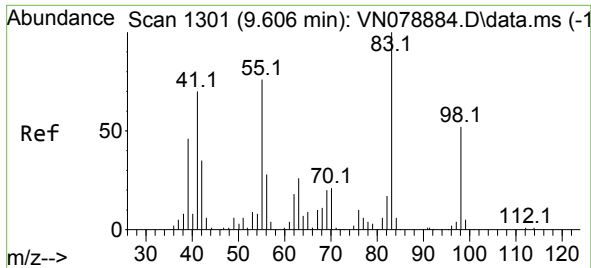
Delta R.T. -0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Tgt Ion: 117	Resp: 58694
Ion Ratio	Lower Upper
117	100
119	95.9 77.3 115.9
121	32.3 23.3 34.9

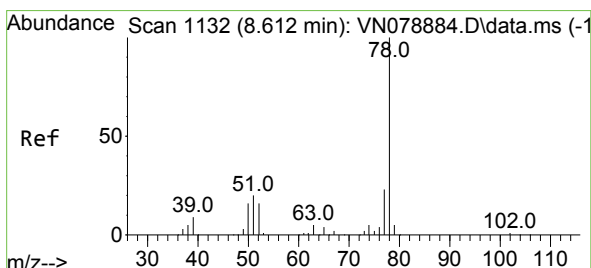
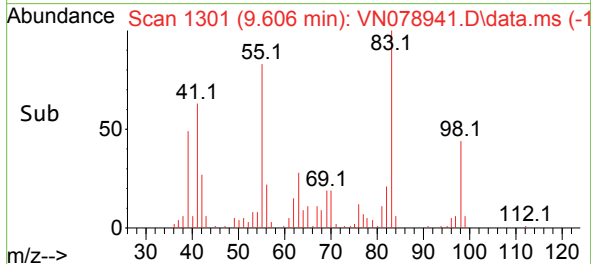
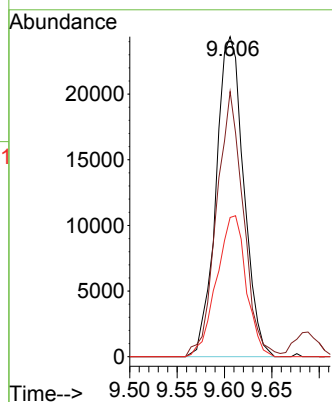
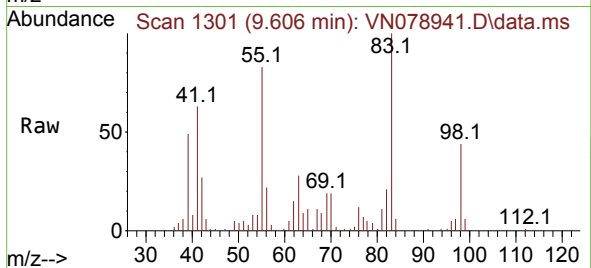




#39
Methylcyclohexane
Concen: 15.891 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

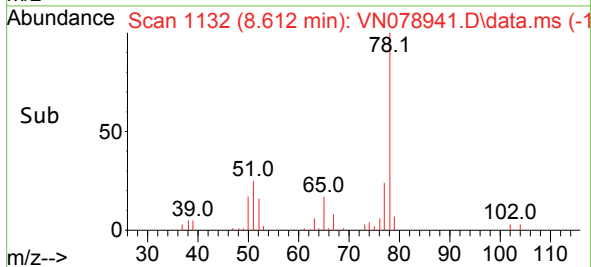
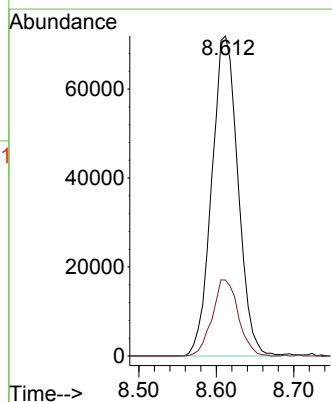
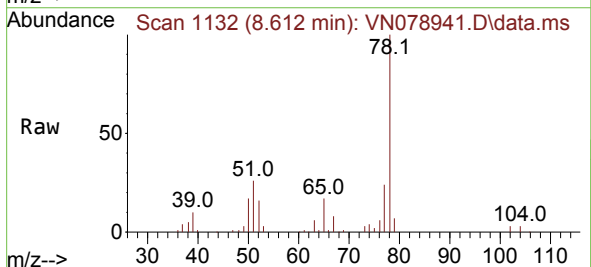
Instrument :
MSVOA_N
ClientSampleId :

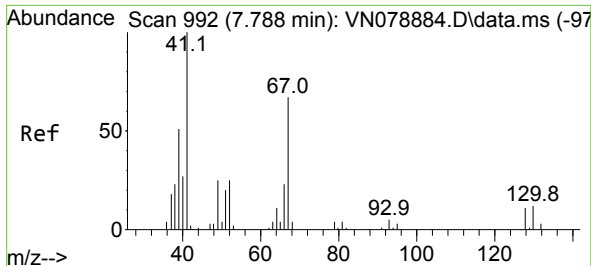
Tgt Ion: 83 Resp: 49609
Ion Ratio Lower Upper
83 100
55 82.8 49.1 73.7#
98 43.5 40.6 61.0



#40
Benzene
Concen: 16.859 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

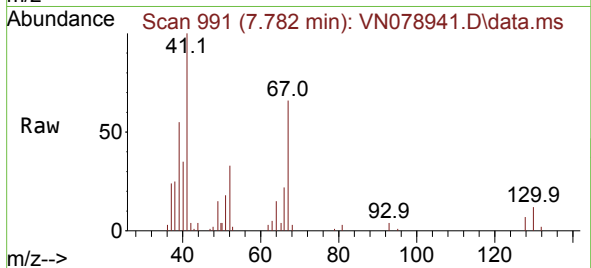
Tgt Ion: 78 Resp: 169148
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



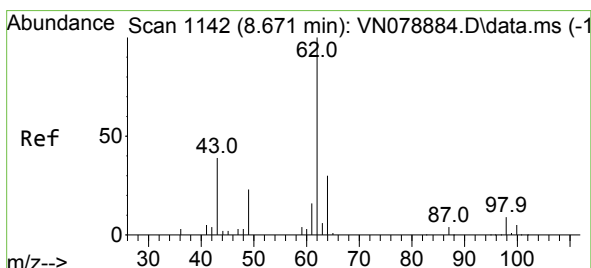
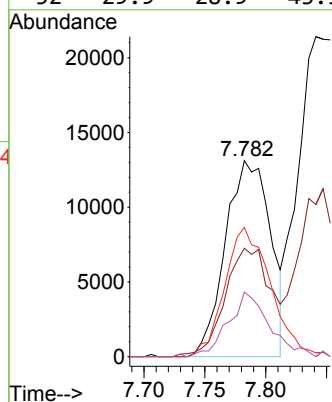
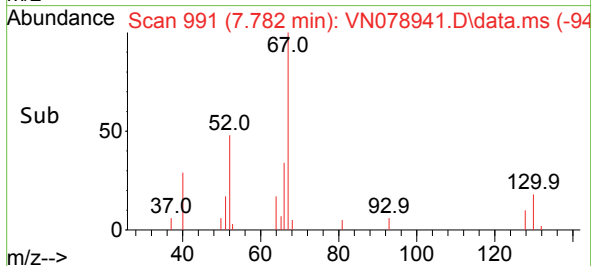


#41
Methacrylonitrile
Concen: 16.381 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :

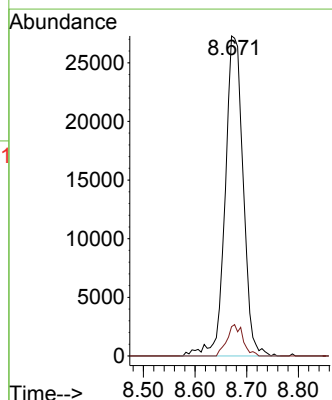
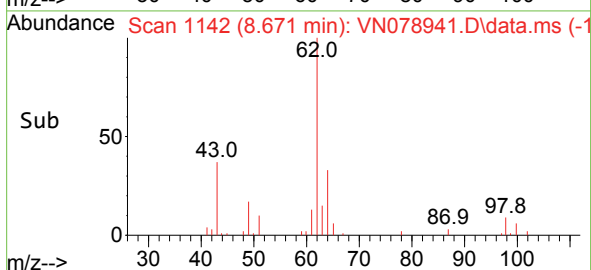
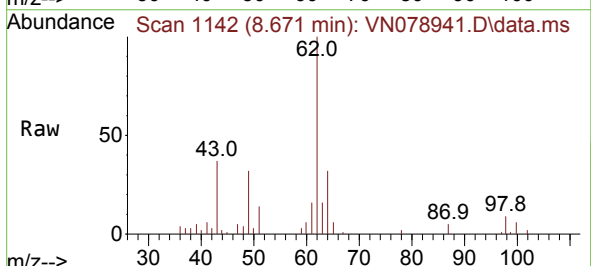


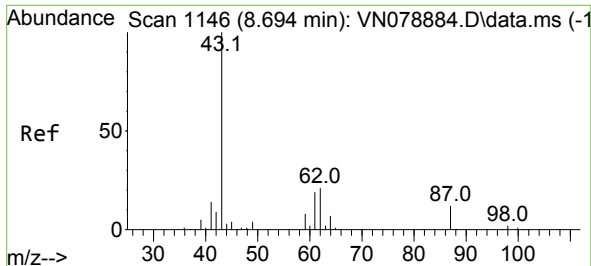
Tgt Ion:	41	Resp:	33883
Ion Ratio	Lower	Upper	
41	100		
39	55.7	42.6	64.0
67	66.9	77.5	116.3
52	29.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 17.625 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:	62	Resp:	66065
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	19.8

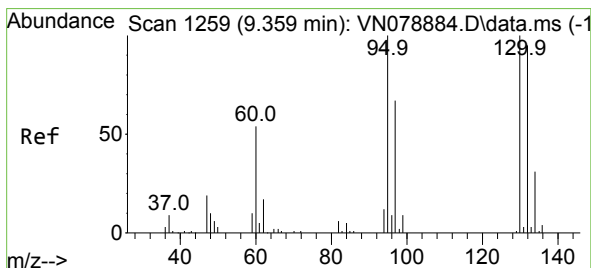
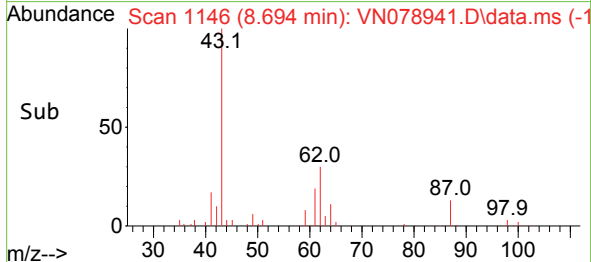
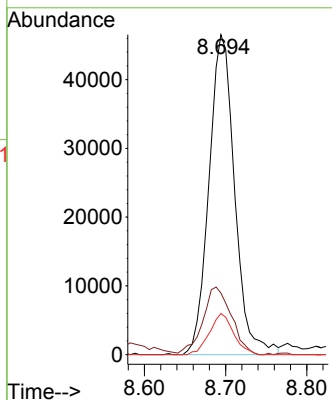
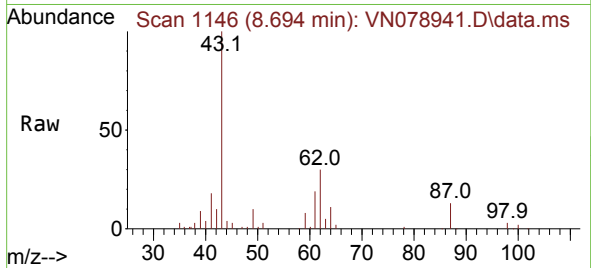




#43
Isopropyl Acetate
Concen: 15.250 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

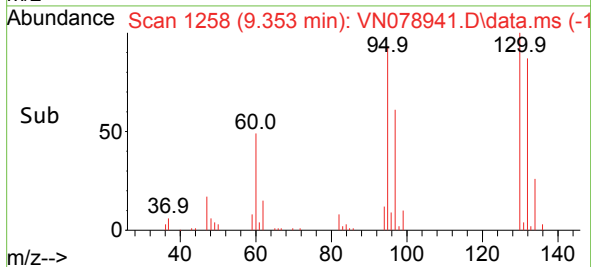
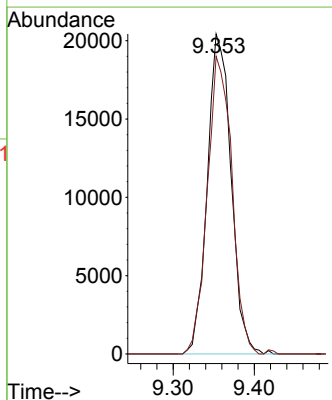
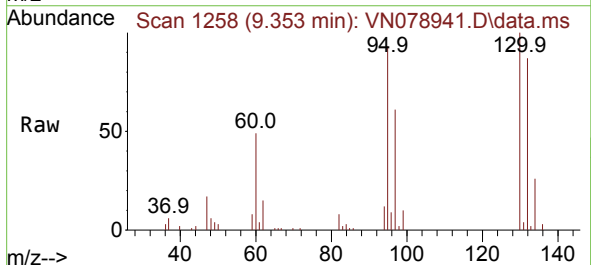
Instrument :
MSVOA_N
ClientSampleId :

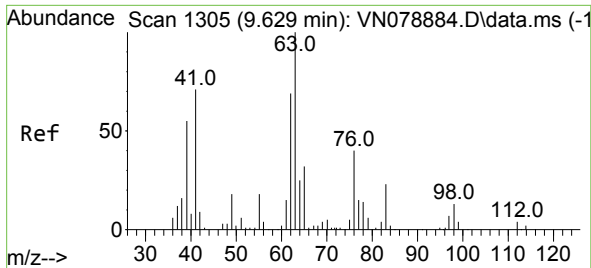
Tgt Ion: 43 Resp: 102367
Ion Ratio Lower Upper
43 100
61 23.5 24.7 37.1#
87 12.1 14.6 21.8#



#44
Trichloroethene
Concen: 17.451 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:130 Resp: 41601
Ion Ratio Lower Upper
130 100
95 93.1 0.0 204.6

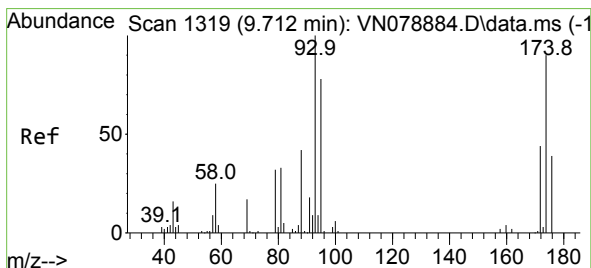
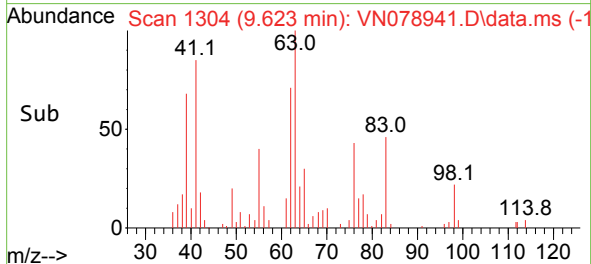
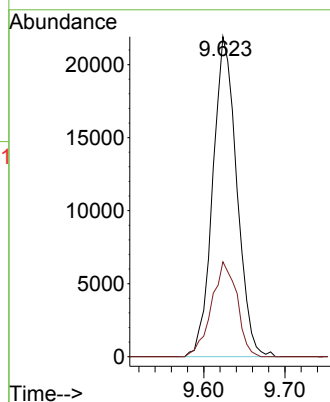
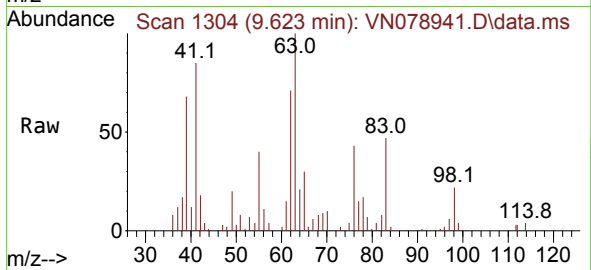




#45
1,2-Dichloropropane
Concen: 16.876 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

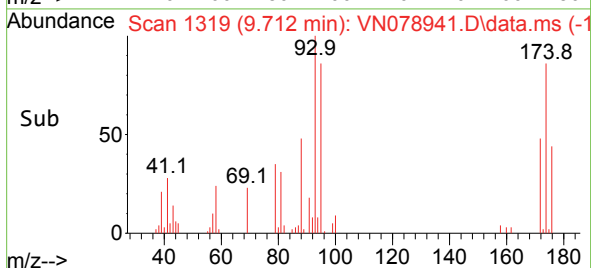
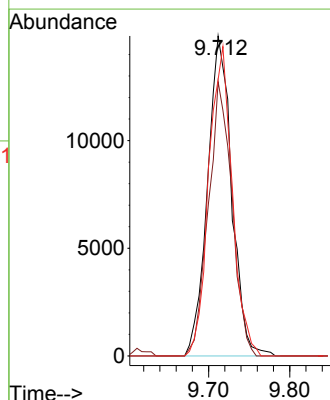
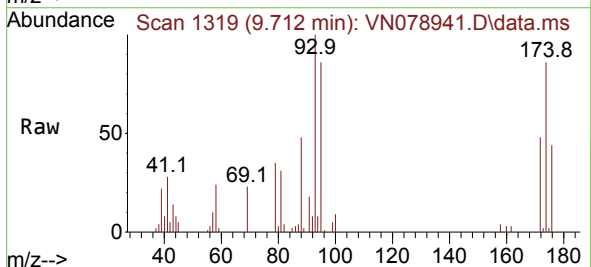
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 45080
Ion Ratio Lower Upper
63 100
65 29.7 23.9 35.9



#46
Dibromomethane
Concen: 16.780 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 93 Resp: 30743
Ion Ratio Lower Upper
93 100
95 83.5 63.8 95.8
174 93.7 65.6 98.4

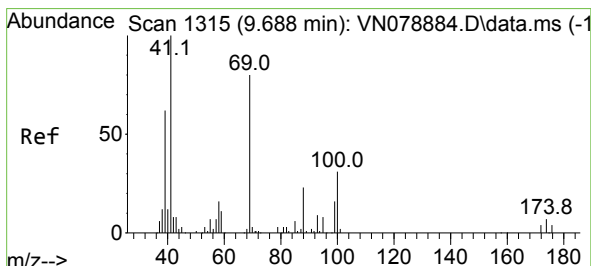
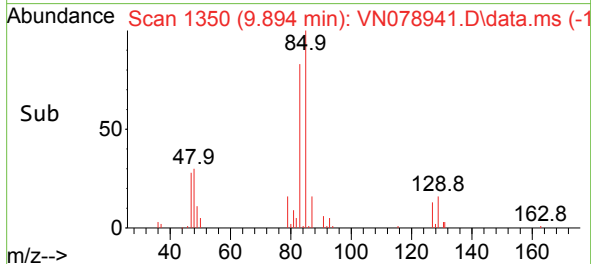
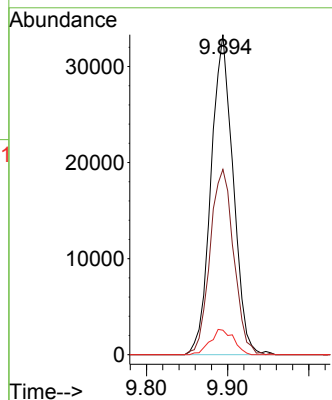
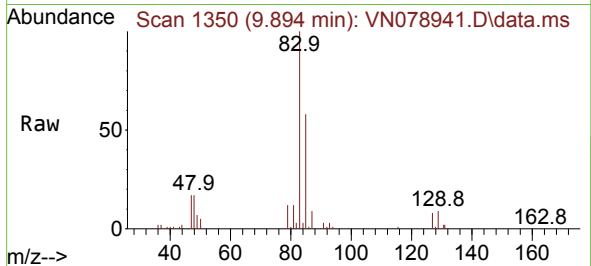




#47
Bromodichloromethane
Concen: 17.437 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

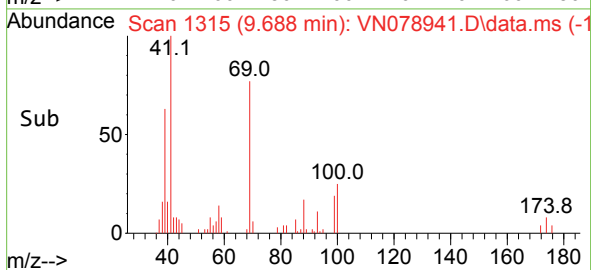
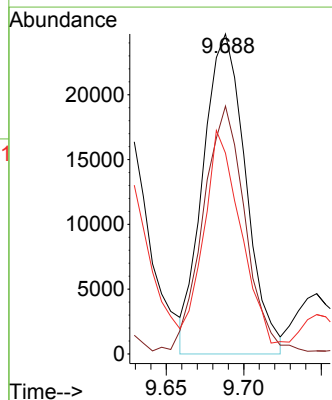
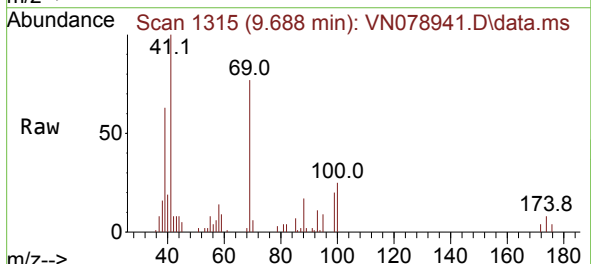
Instrument :
MSVOA_N
ClientSampleId :

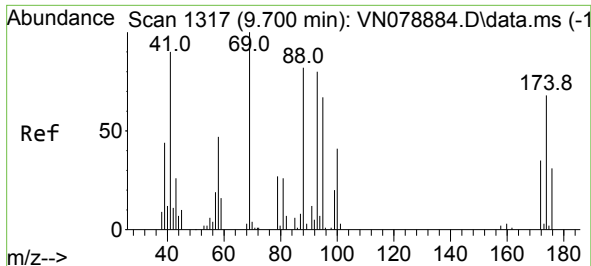
Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.9	49.6	74.4
127	7.6	7.0	10.6



#48
Methyl methacrylate
Concen: 15.514 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.1	90.4	135.6
39	63.9	54.6	81.8





#49

1,4-Dioxane

Concen: 321.054 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

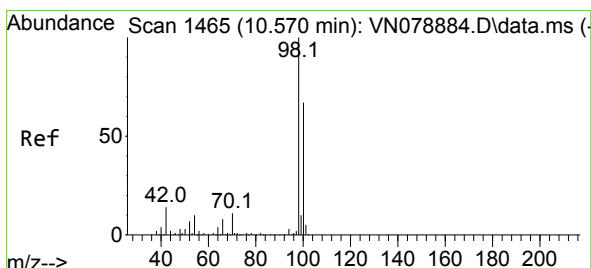
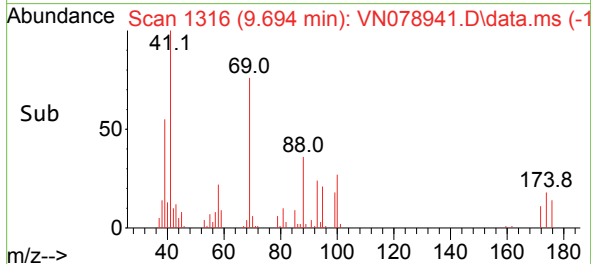
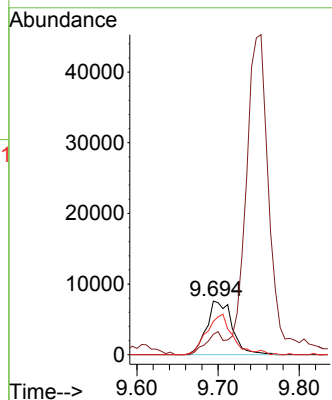
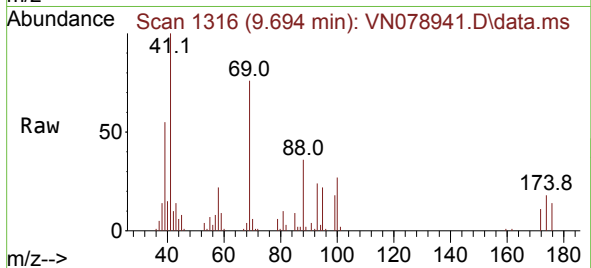
Tgt Ion: 88 Resp: 16634

Ion Ratio Lower Upper

88 100

43 27.2 17.0 25.6#

58 76.5 47.0 70.4#



#50

Toluene-d8

Concen: 50.152 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078941.D

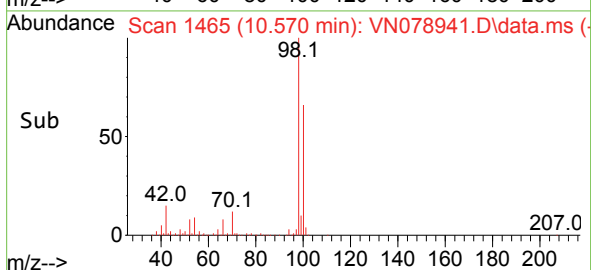
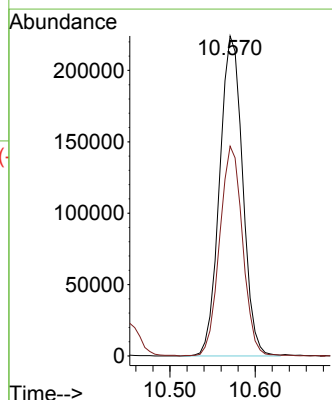
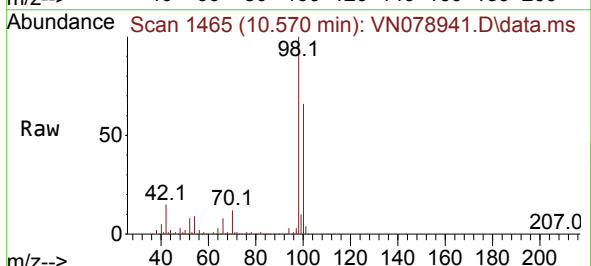
Acq: 18 Aug 2023 14:36

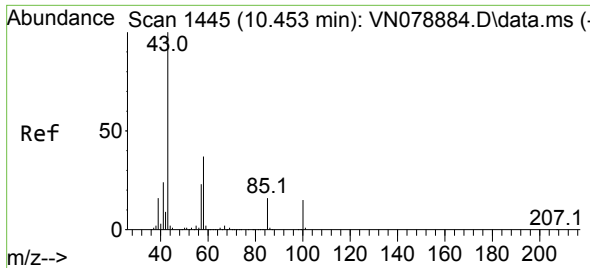
Tgt Ion: 98 Resp: 420200

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

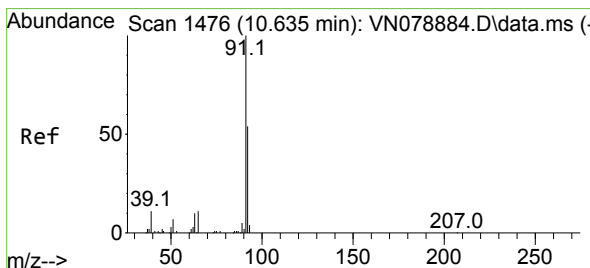
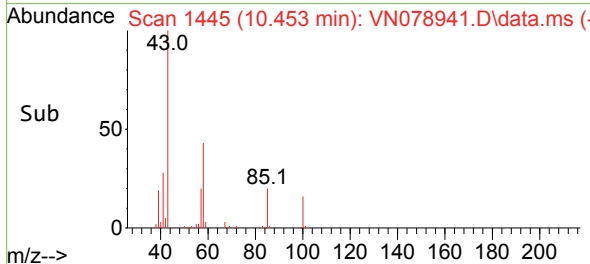
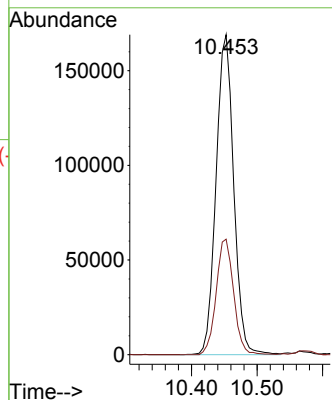
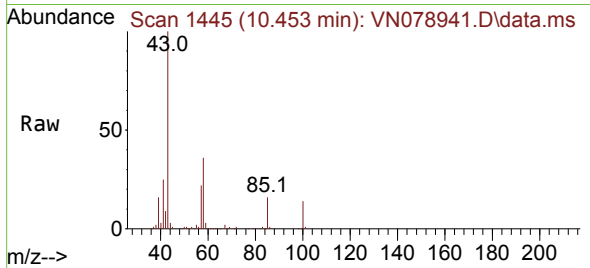




#51
4-Methyl-2-Pentanone
Concen: 79.177 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

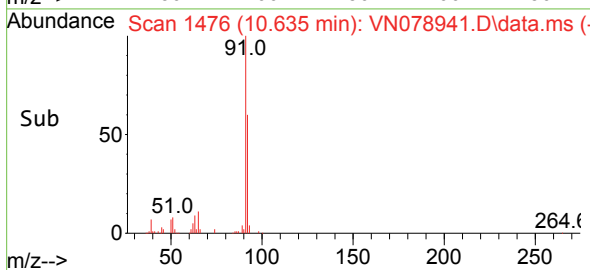
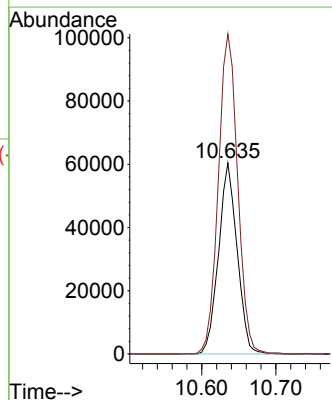
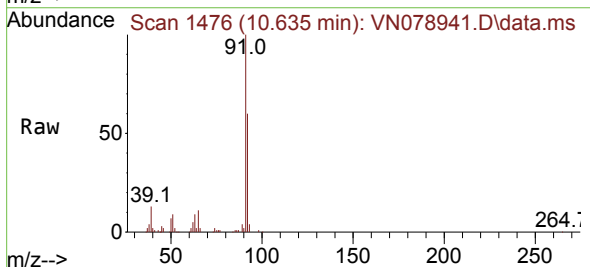
Instrument :
MSVOA_N
ClientSampleId :

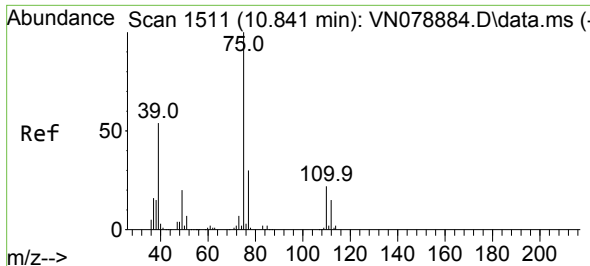
Tgt Ion: 43 Resp: 315220
Ion Ratio Lower Upper
43 100
58 35.7 36.6 54.8#



#52
Toluene
Concen: 17.061 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 92 Resp: 105092
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

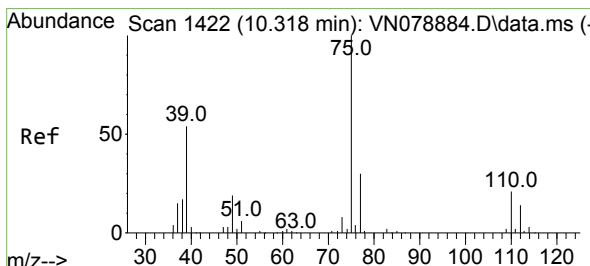
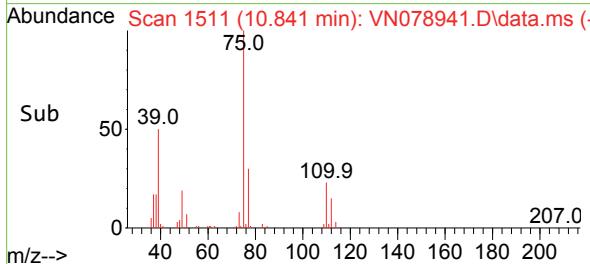
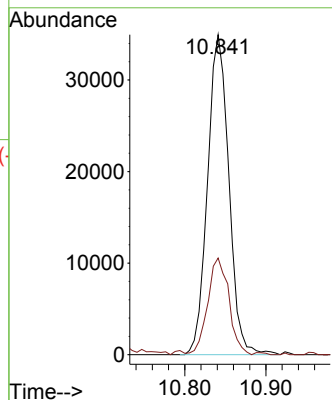
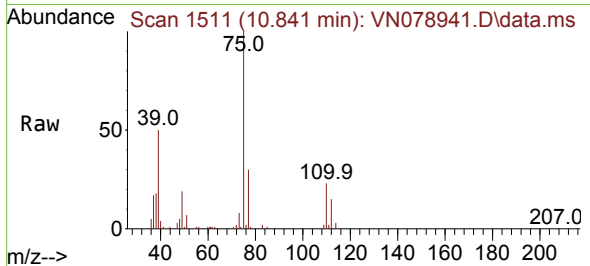




#53
 t-1,3-Dichloropropene
 Concen: 16.427 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

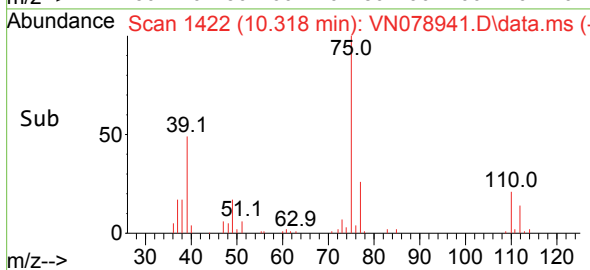
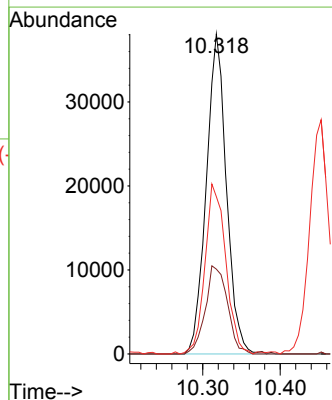
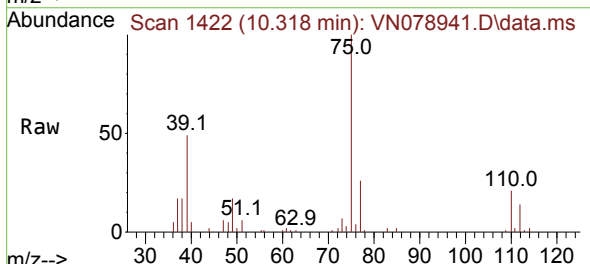
Instrument :
 MSVOA_N
 ClientSampleId :

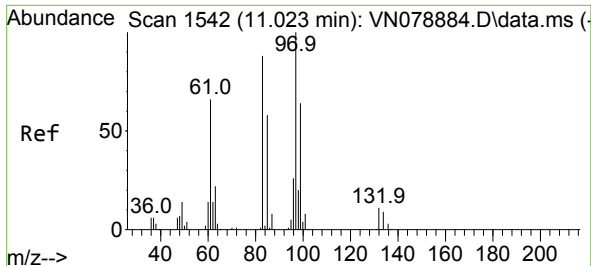
Tgt Ion: 75 Resp: 63735
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.315 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

Tgt Ion: 75 Resp: 68938
 Ion Ratio Lower Upper
 75 100
 77 26.5 26.1 39.1
 39 49.2 31.6 47.4#

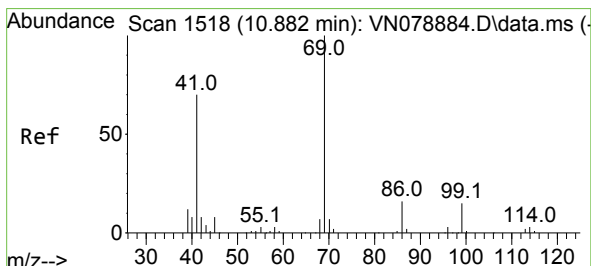
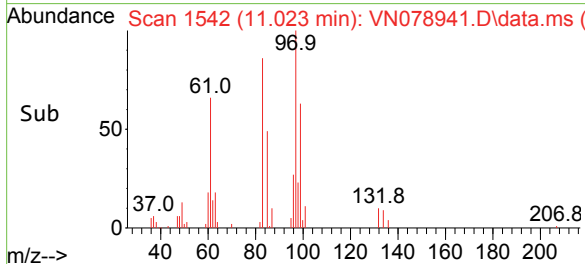
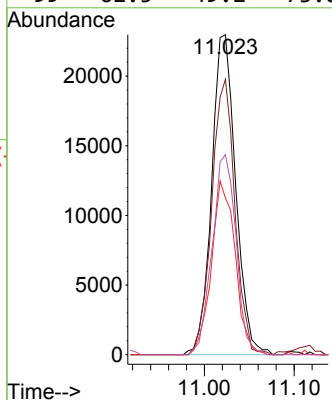
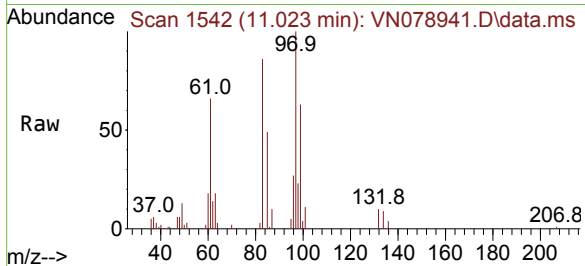




#55
1,1,2-Trichloroethane
Concen: 17.295 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

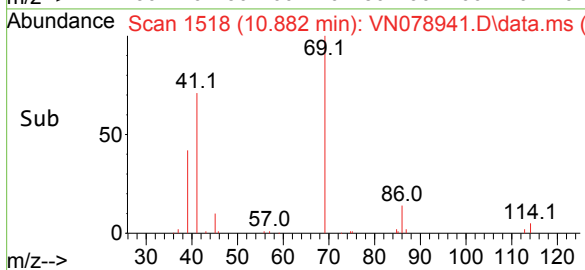
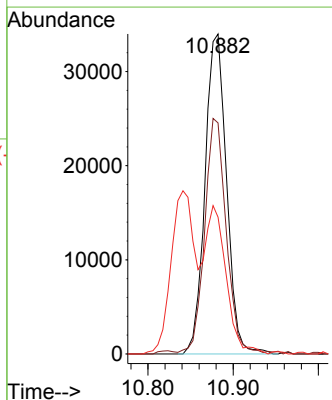
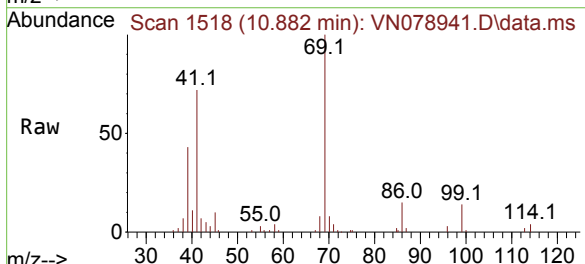
Instrument :
MSVOA_N
ClientSampleId :

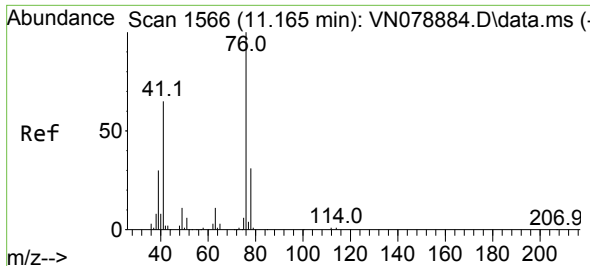
Tgt Ion:	97	Resp:	42716
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.1	97.7
85	49.0	43.4	65.2
99	62.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 15.586 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:	69	Resp:	59673
Ion	Ratio	Lower	Upper
69	100		
41	72.3	39.6	59.4#
39	46.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 16.527 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

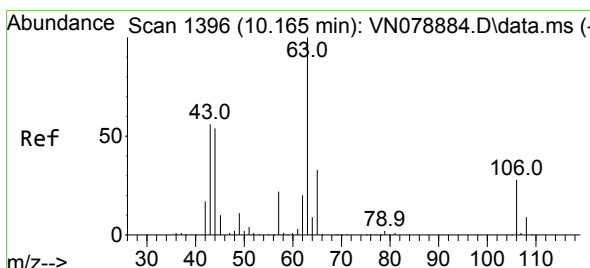
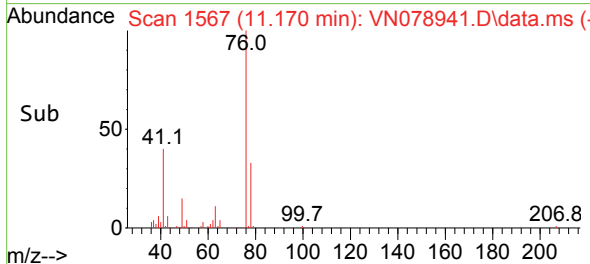
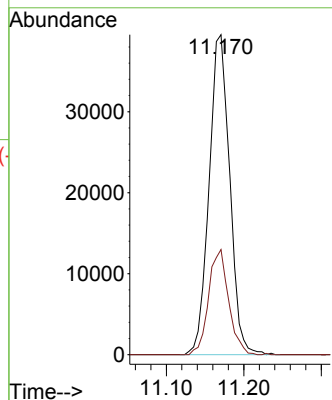
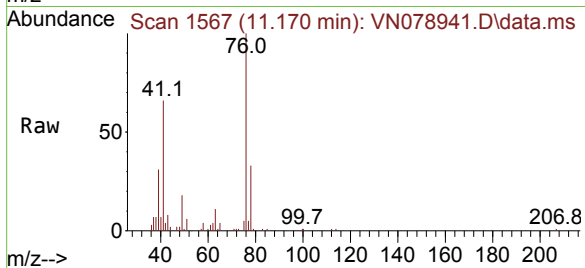
ClientSampleId :

Tgt Ion: 76 Resp: 73009

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 69.601 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078941.D

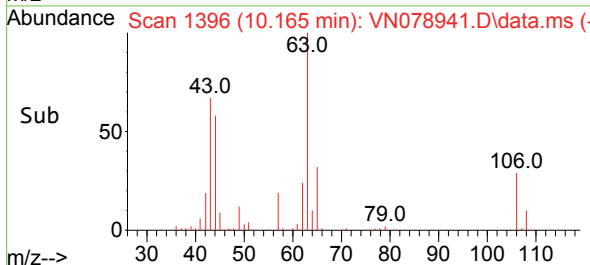
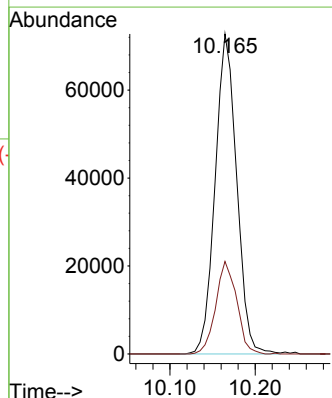
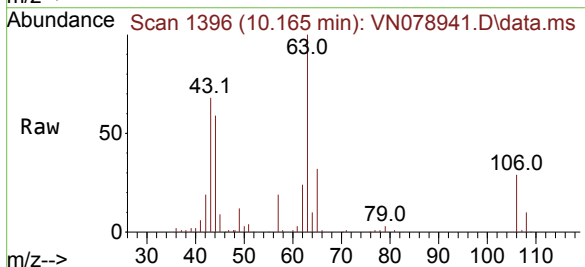
Acq: 18 Aug 2023 14:36

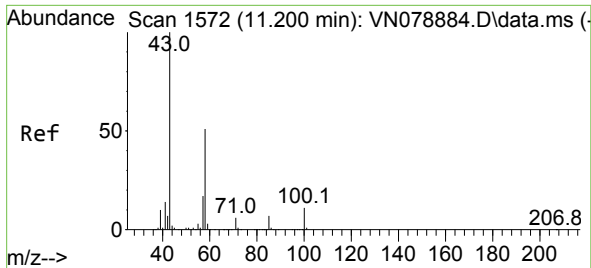
Tgt Ion: 63 Resp: 127915

Ion Ratio Lower Upper

63 100

106 28.1 26.2 39.4

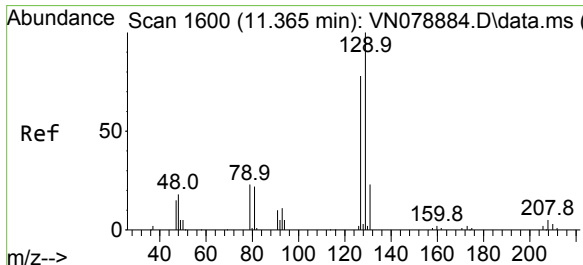
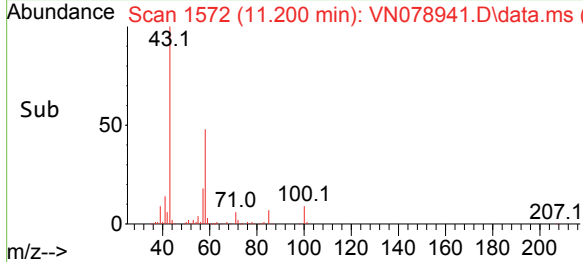
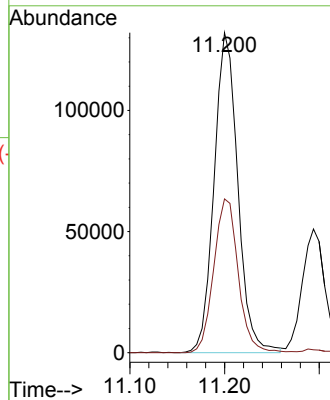
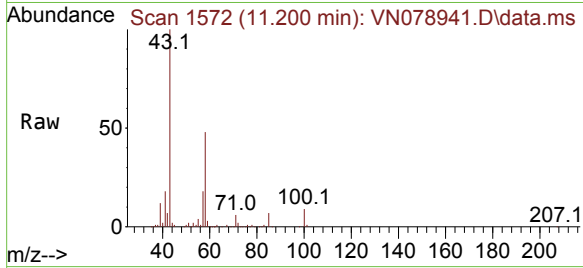




#59
2-Hexanone
Concen: 79.664 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

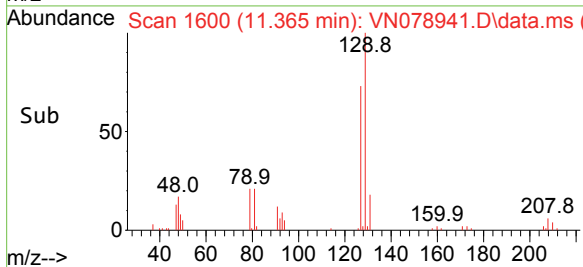
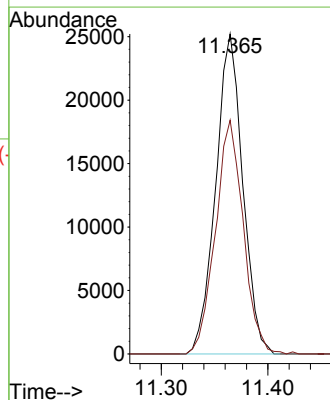
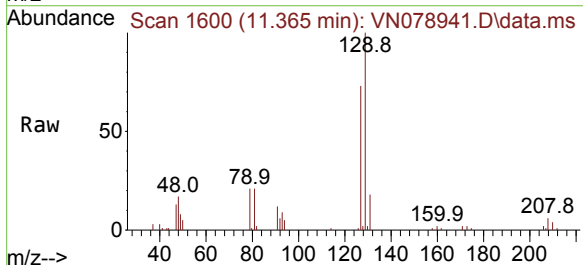
Instrument :
MSVOA_N
ClientSampleId :

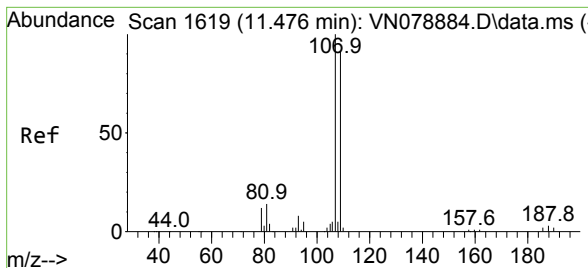
Tgt Ion: 43 Resp: 229720
Ion Ratio Lower Upper
43 100
58 49.8 31.7 95.1



#60
Dibromochloromethane
Concen: 17.110 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 129 Resp: 44470
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0

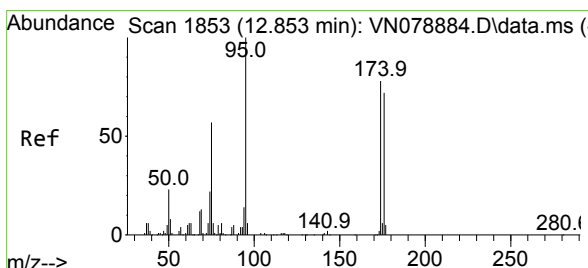
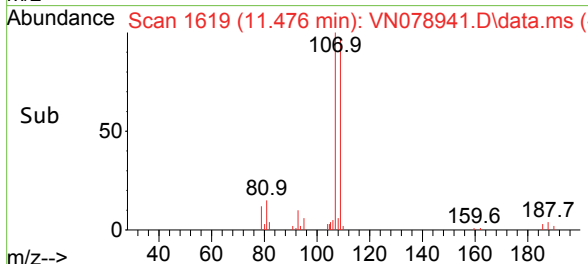
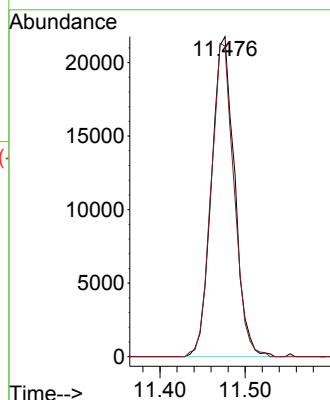
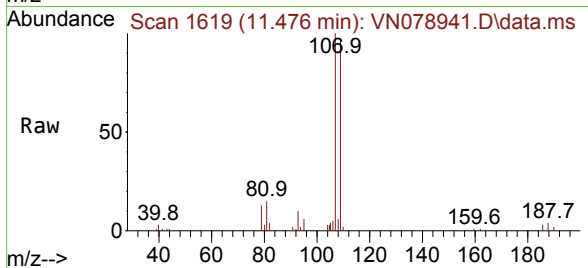




#61
1,2-Dibromoethane
Concen: 16.274 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

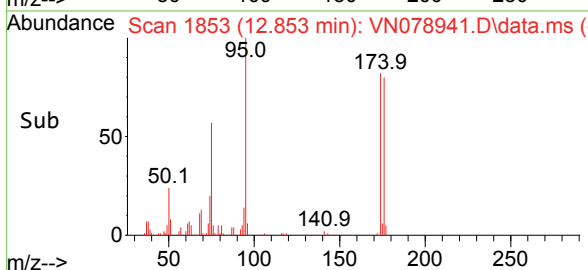
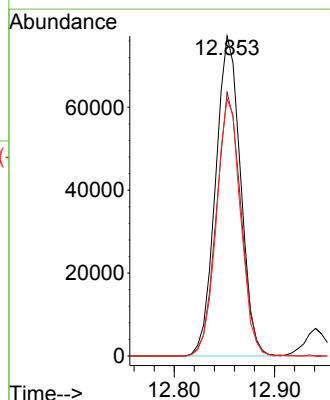
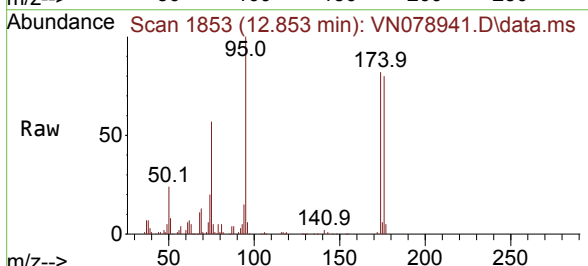
Instrument :
MSVOA_N
ClientSampleId :

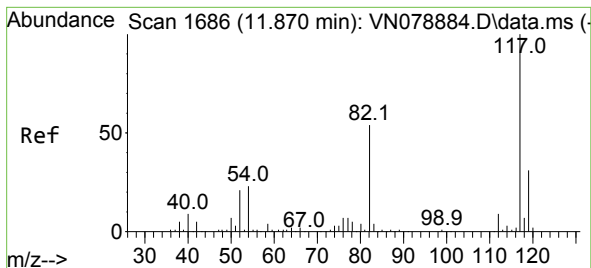
Tgt Ion:107 Resp: 40846
Ion Ratio Lower Upper
107 100
109 97.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 95 Resp: 133195
Ion Ratio Lower Upper
95 100
174 81.3 0.0 143.8
176 78.0 0.0 135.8

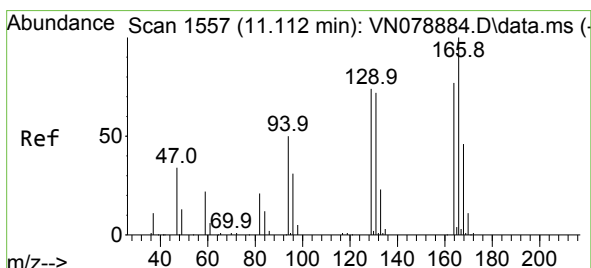
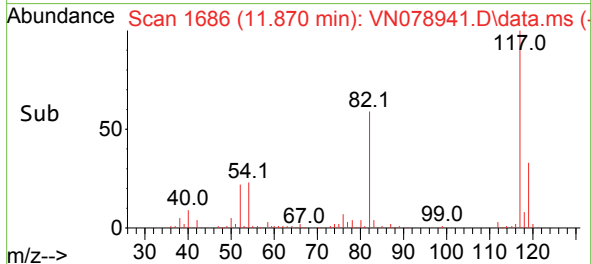
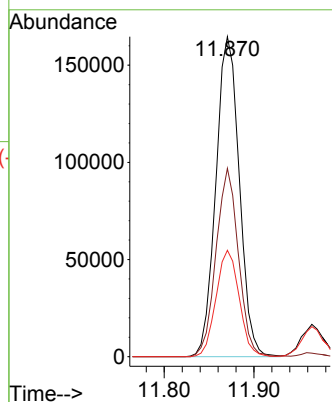
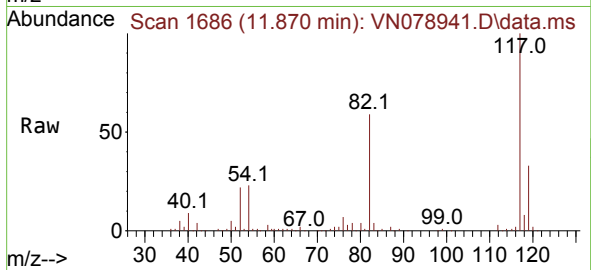




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

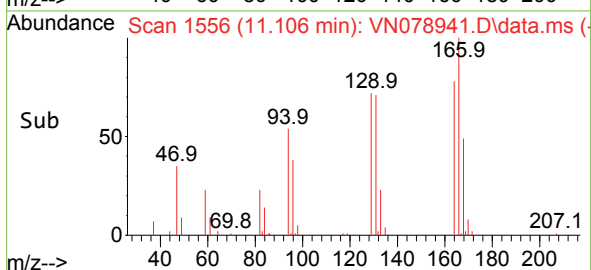
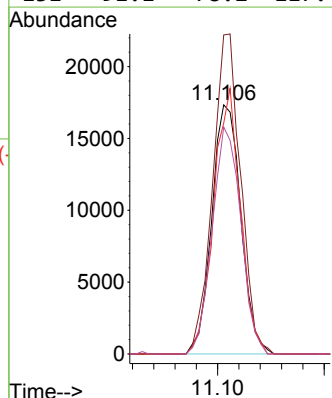
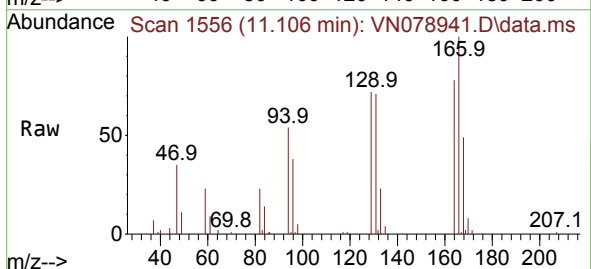
Instrument :
MSVOA_N
ClientSampleId :

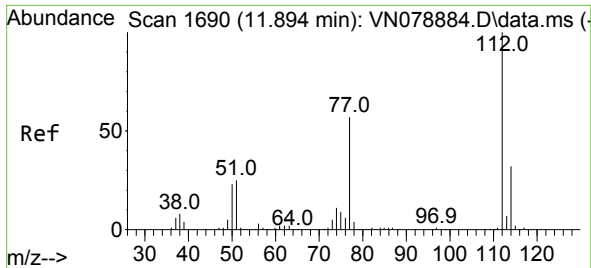
Tgt Ion:117 Resp: 298574
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 17.524 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:164 Resp: 32813
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 92.7 82.4 123.6
131 91.1 78.2 117.4

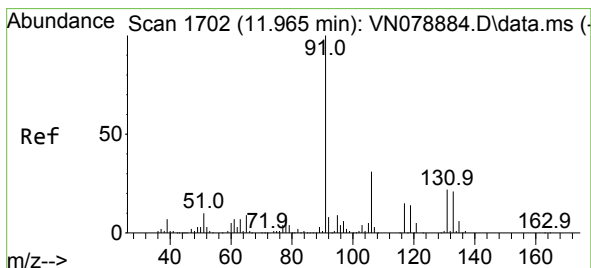
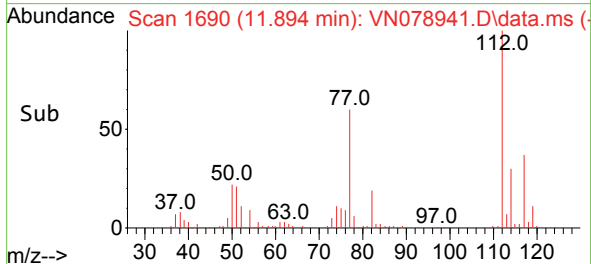
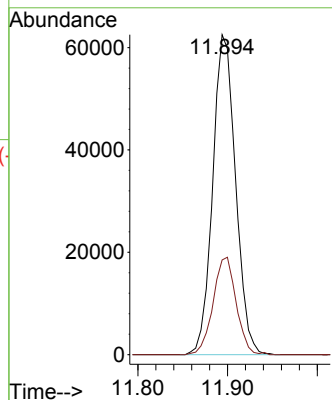
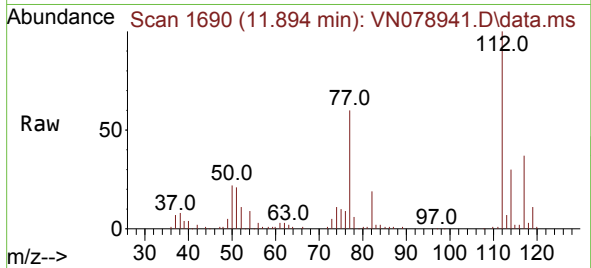




#65
Chlorobenzene
Concen: 17.388 ug/l
RT: 11.894 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

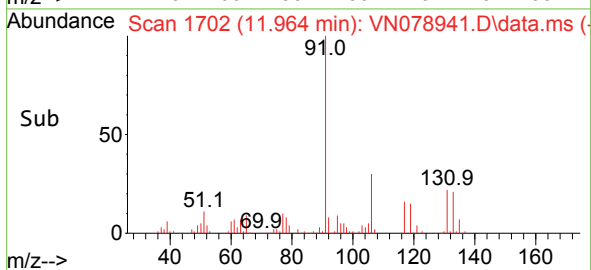
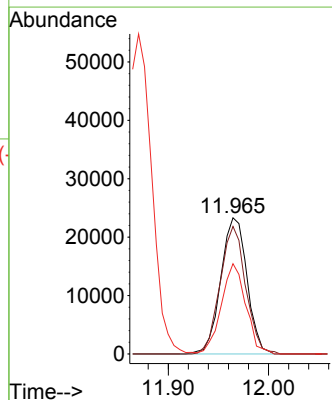
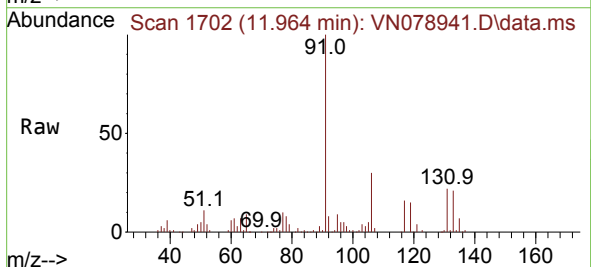
Instrument :
MSVOA_N
ClientSampleId :

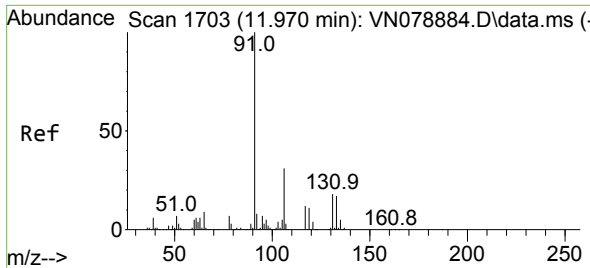
Tgt Ion:112 Resp: 110512
Ion Ratio Lower Upper
112 100
114 29.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.555 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:131 Resp: 42165
Ion Ratio Lower Upper
131 100
133 91.6 46.4 139.1
119 62.1 34.1 102.2

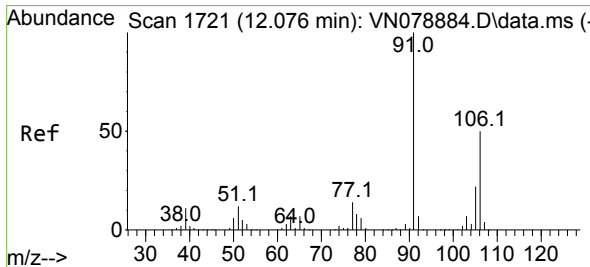
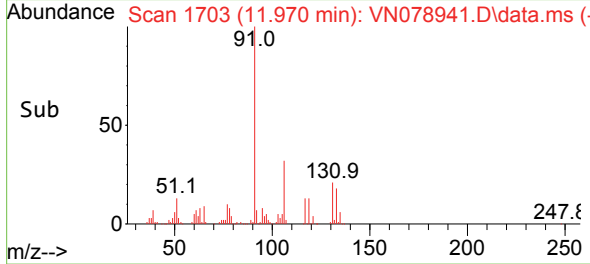
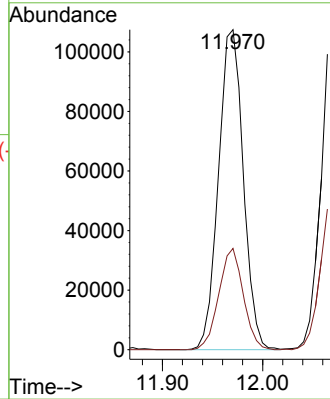
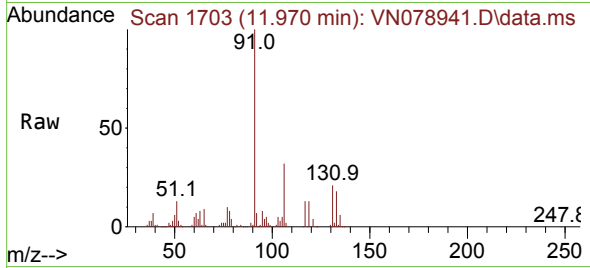




#67
Ethyl Benzene
Concen: 15.972 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

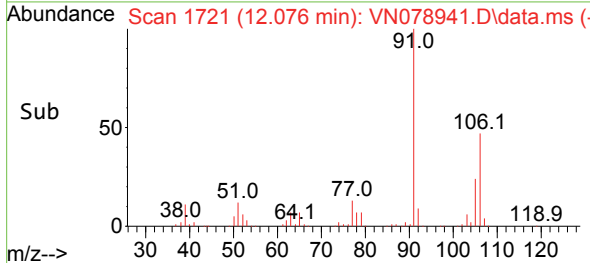
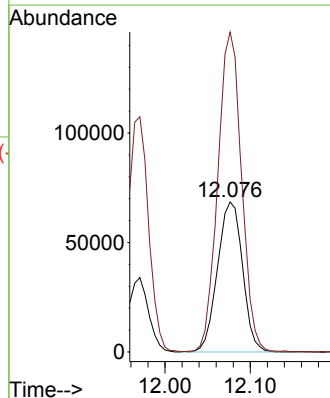
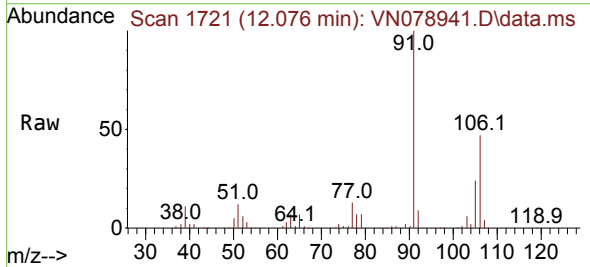
Instrument :
MSVOA_N
ClientSampleId :

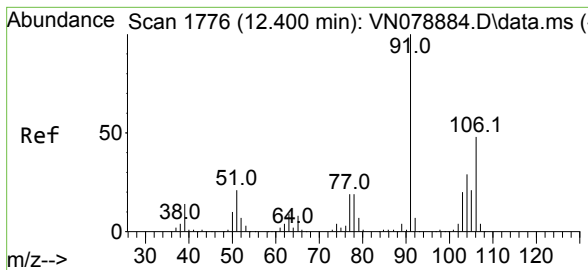
Tgt Ion: 91 Resp: 184595
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 32.345 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:106 Resp: 139769
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4

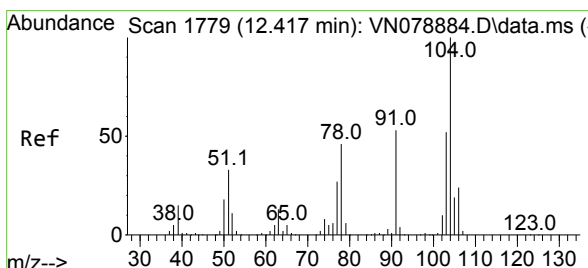
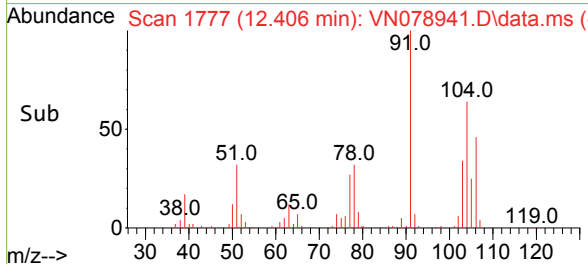
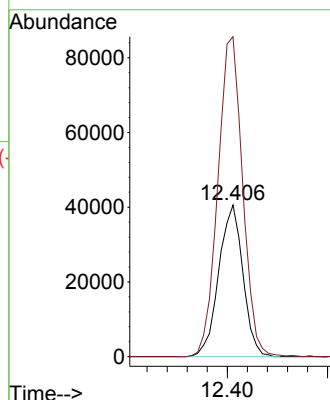
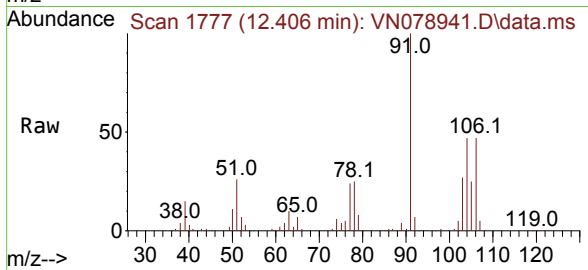




#69
o-Xylene
Concen: 16.152 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

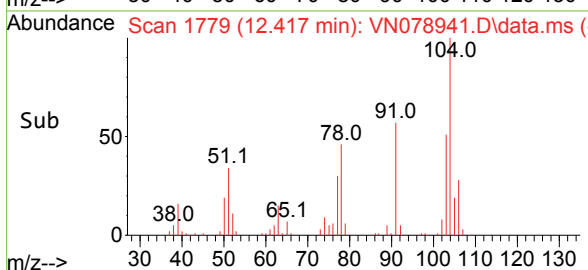
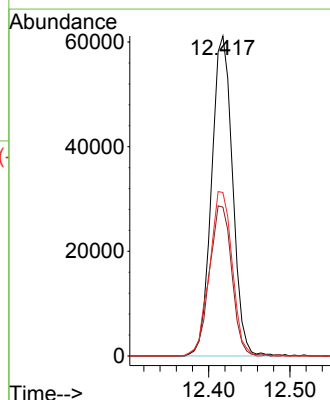
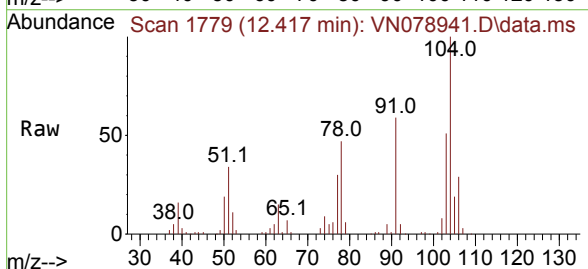
Instrument :
MSVOA_N
ClientSampleId :

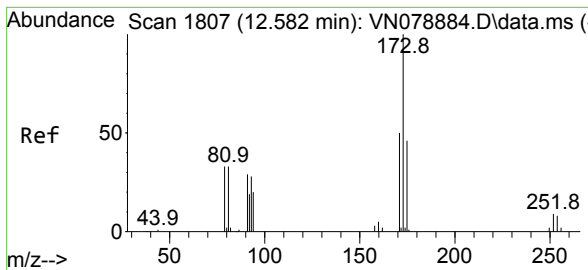
Tgt Ion:106 Resp: 67898
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5



#70
Styrene
Concen: 15.675 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:104 Resp: 109866
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.5 43.2 64.8

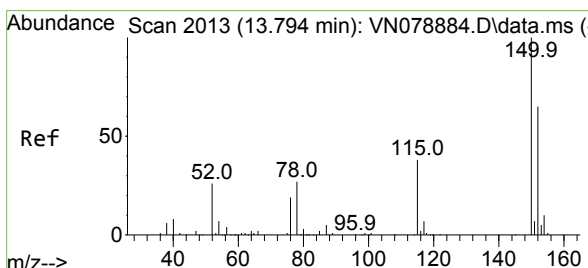
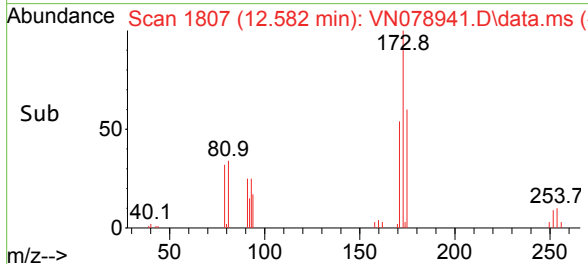
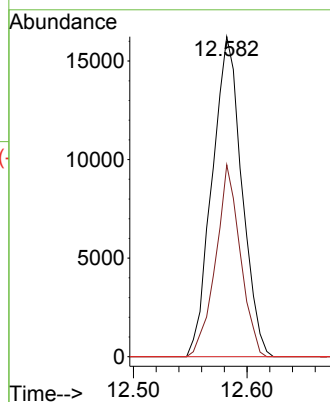
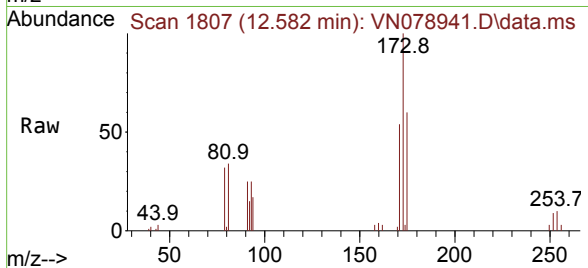




#71
Bromoform
Concen: 16.898 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

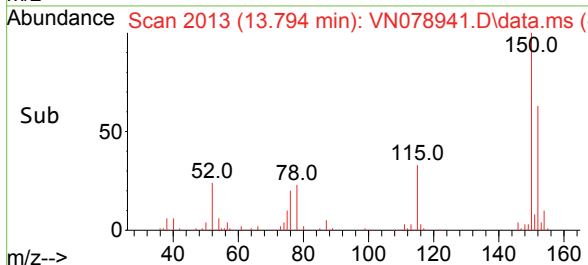
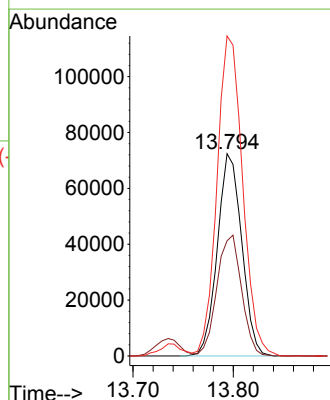
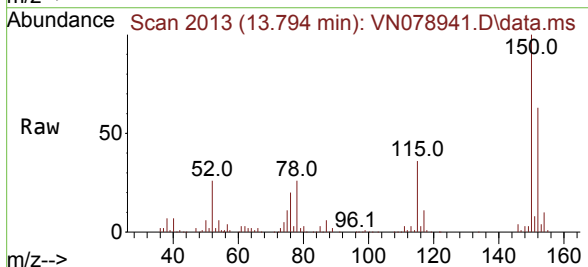
Instrument :
MSVOA_N
ClientSampleId :

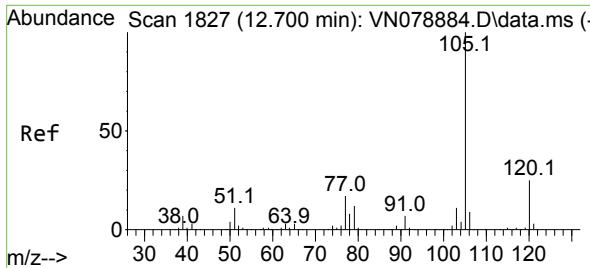
Tgt Ion:173 Resp: 29507
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:152 Resp: 122231
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 166.7 0.0 355.8

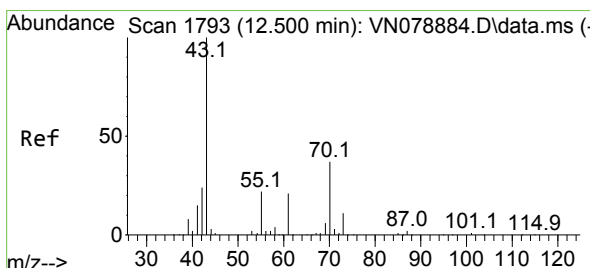
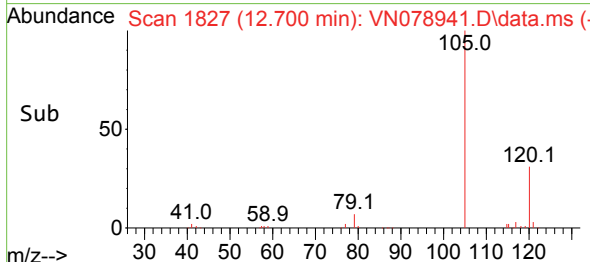
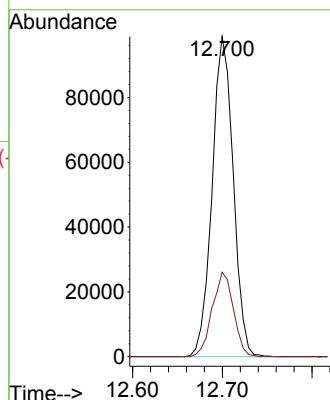
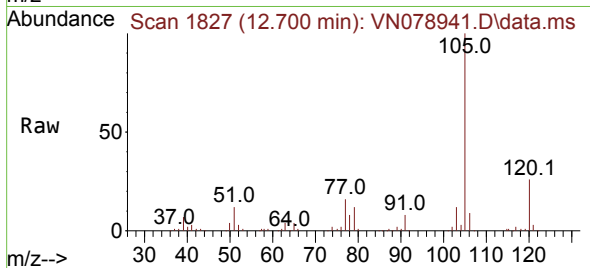




#73
Isopropylbenzene
Concen: 15.834 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

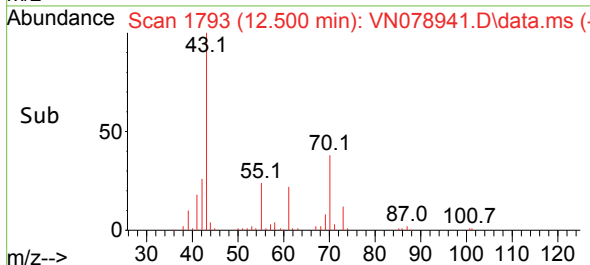
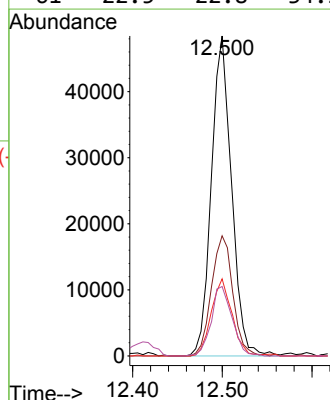
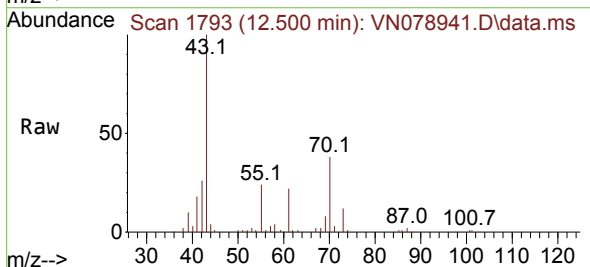
Instrument :
MSVOA_N
ClientSampleId :

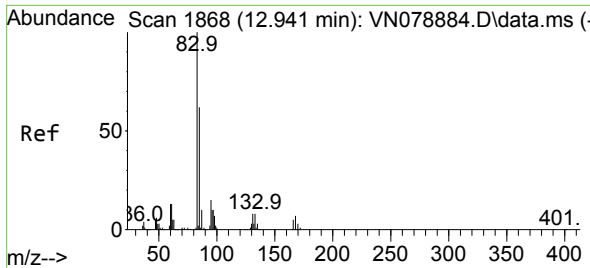
Tgt Ion:105 Resp: 161374
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 14.701 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 43 Resp: 75628
Ion Ratio Lower Upper
43 100
70 39.9 43.4 65.2#
55 24.7 21.4 32.0
61 22.5 22.8 34.2#

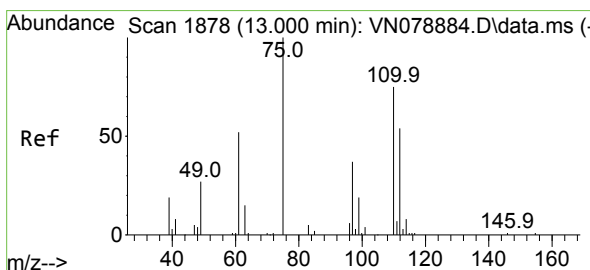
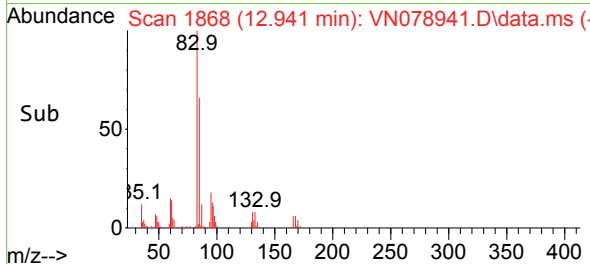
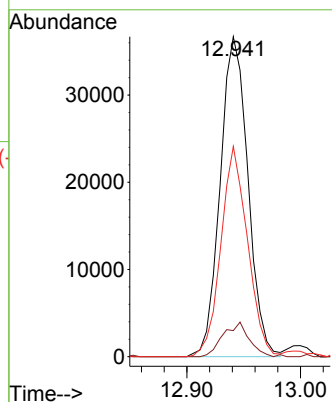
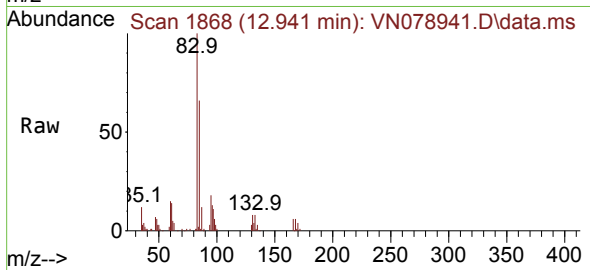




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.939 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

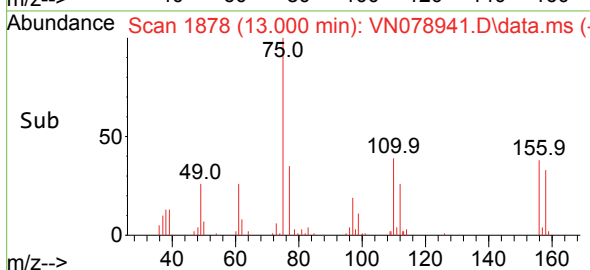
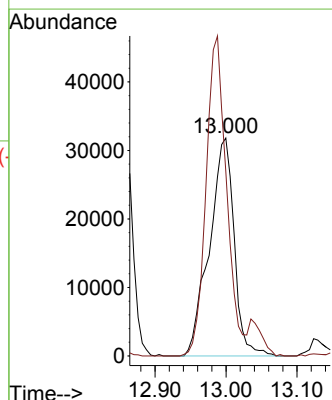
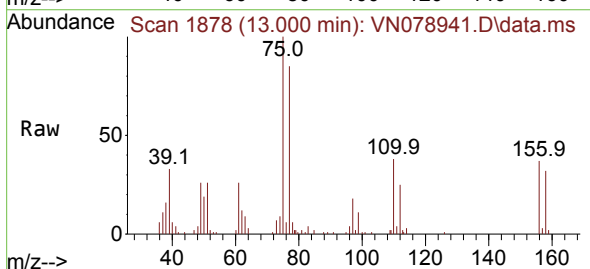
Instrument :
 MSVOA_N
 ClientSampleId :

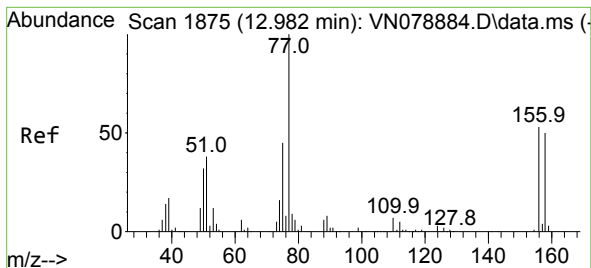
Tgt Ion: 83 Resp: 62335
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 63.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 26.128 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078941.D
 Acq: 18 Aug 2023 14:36

Tgt Ion: 75 Resp: 76952
 Ion Ratio Lower Upper
 75 100
 77 122.0 84.5 253.5





#77

Bromobenzene

Concen: 17.382 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

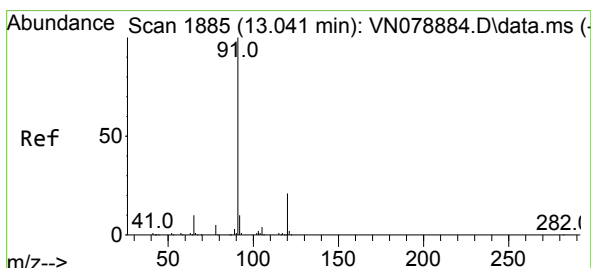
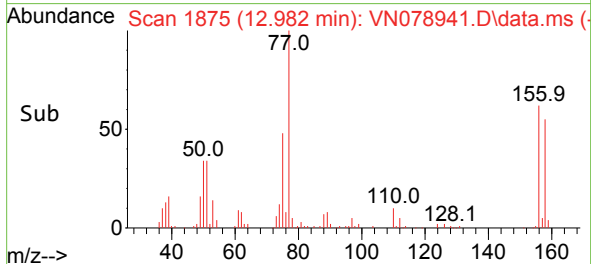
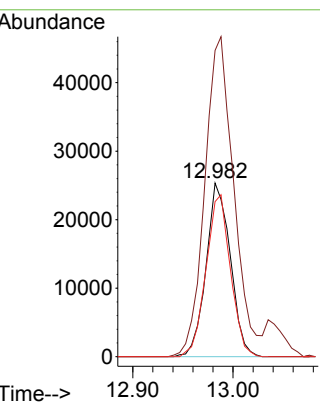
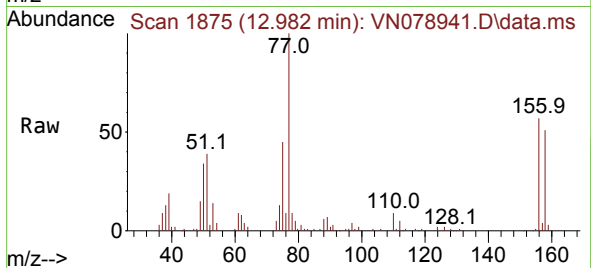
Tgt Ion:156 Resp: 42583

Ion Ratio Lower Upper

156 100

77 220.5 107.7 323.3

158 93.8 48.4 145.3



#78

n-propylbenzene

Concen: 15.774 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078941.D

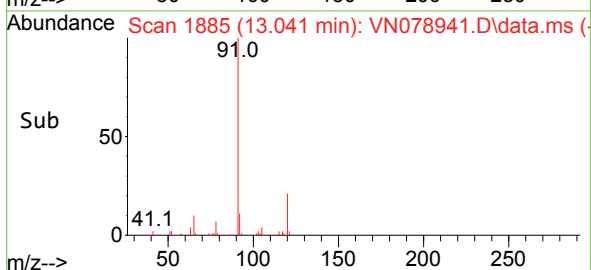
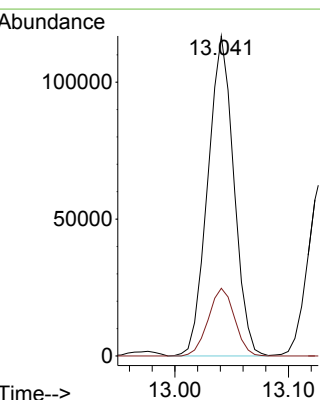
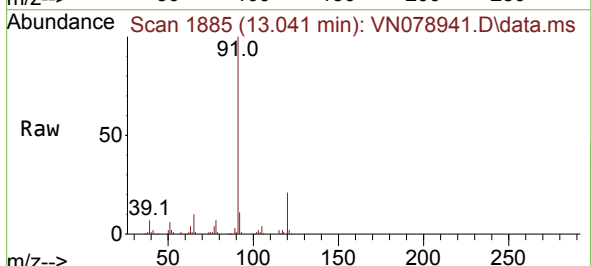
Acq: 18 Aug 2023 14:36

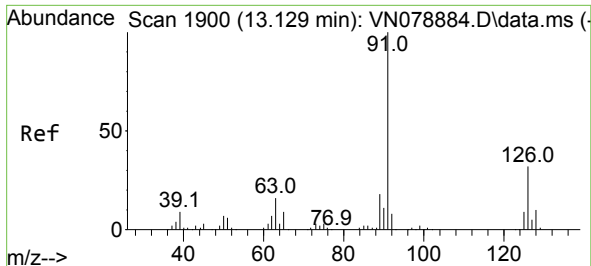
Tgt Ion: 91 Resp: 186420

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

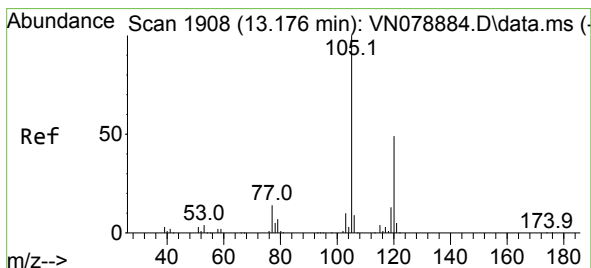
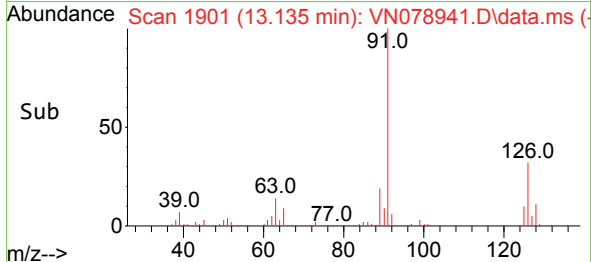
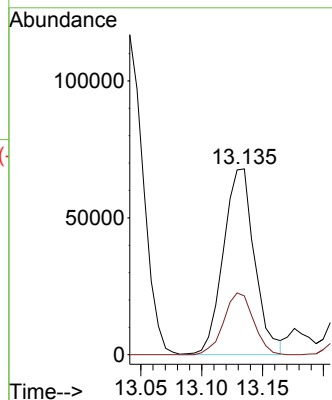
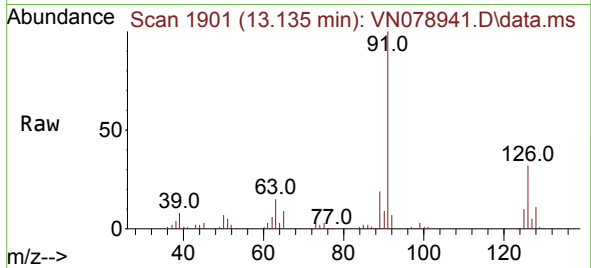




#79
2-Chlorotoluene
Concen: 16.611 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

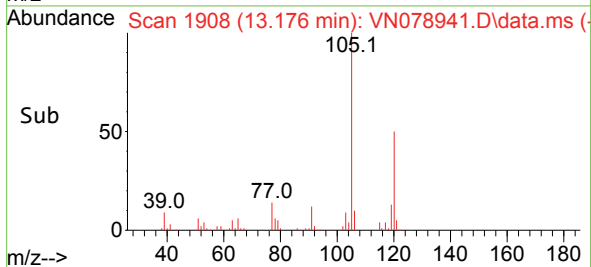
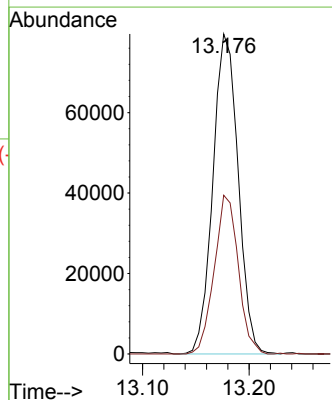
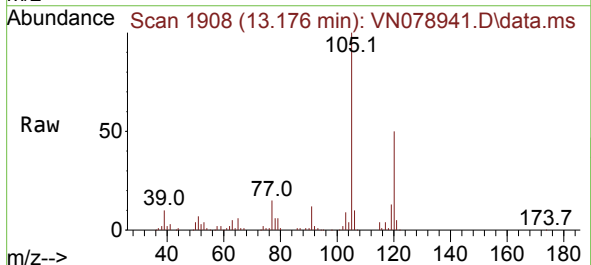
Instrument :
MSVOA_N
ClientSampleId :

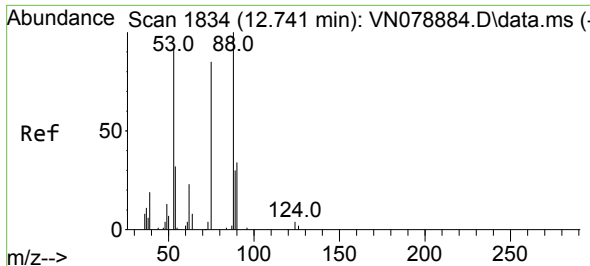
Tgt Ion: 91 Resp: 121780
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 16.211 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:105 Resp: 130930
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

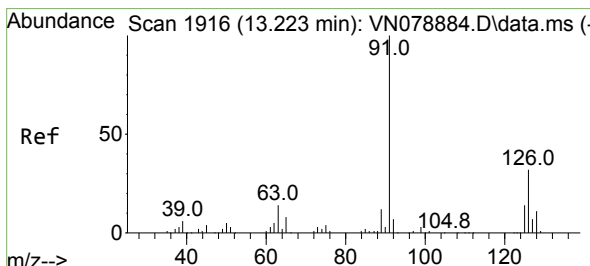
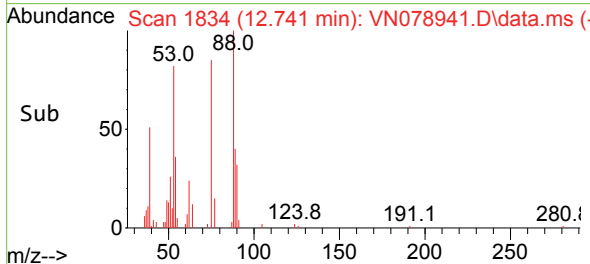
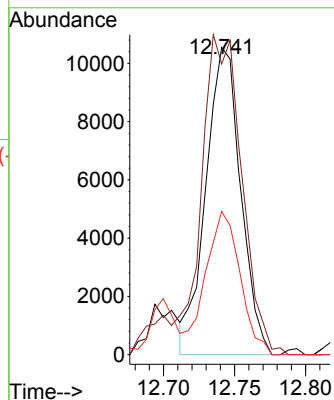
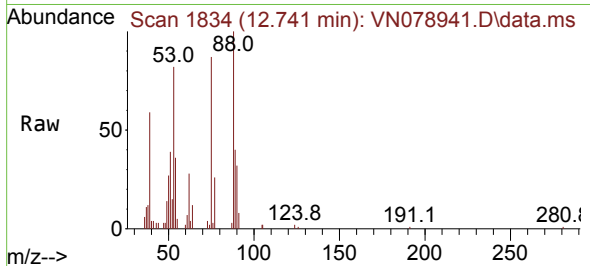




#81
trans-1,4-Dichloro-2-butene
Concen: 15.600 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

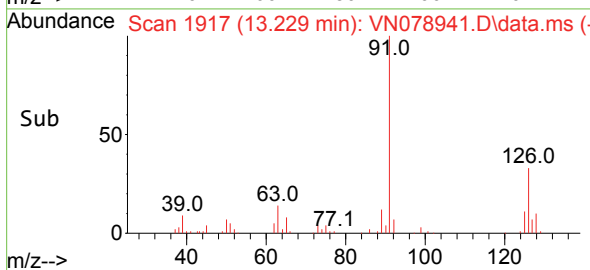
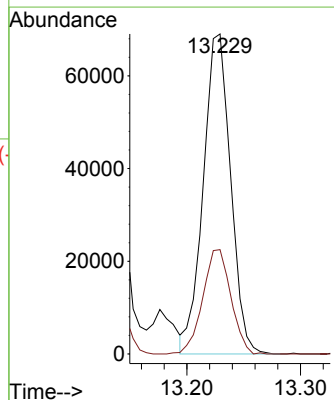
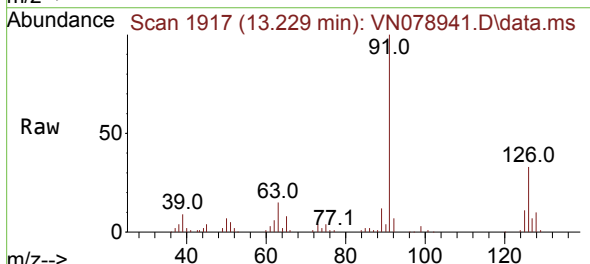
Instrument :
MSVOA_N
ClientSampleId :

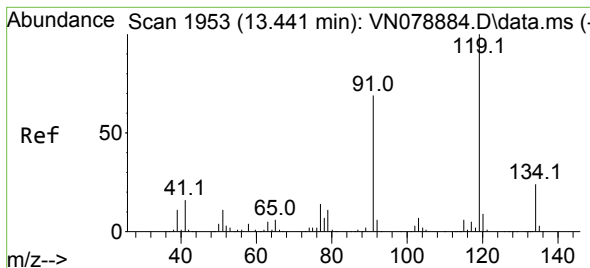
Tgt Ion: 75 Resp: 17985
Ion Ratio Lower Upper
75 100
53 129.7 67.4 101.2#
89 46.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 16.083 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

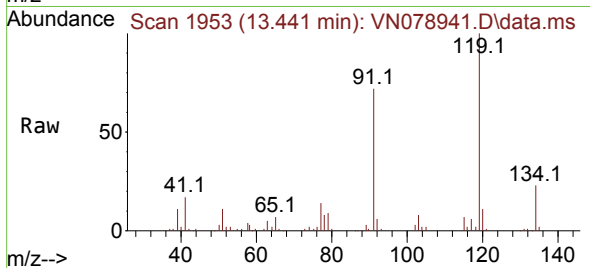
Tgt Ion: 91 Resp: 115366
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



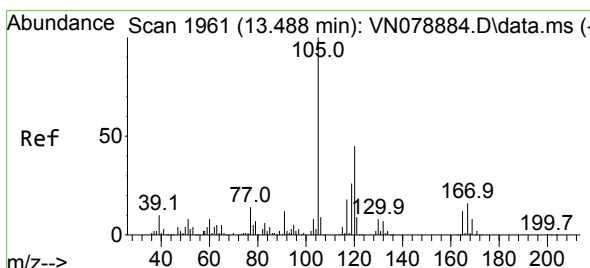
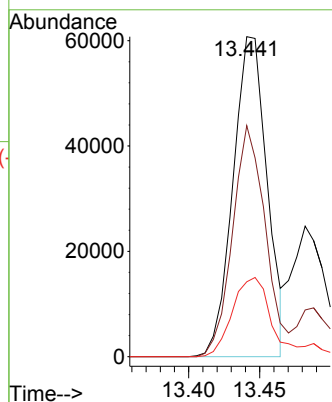
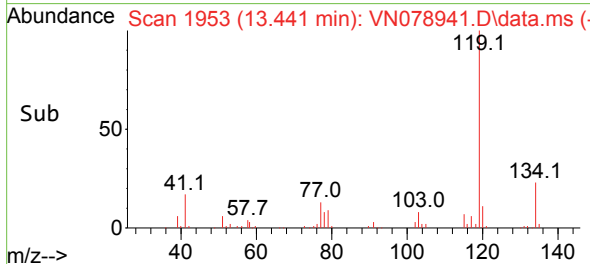


#83
tert-Butylbenzene
Concen: 14.945 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

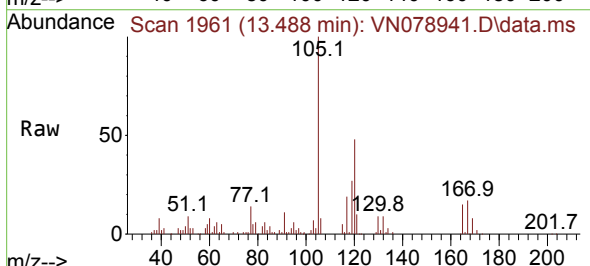
Instrument :
MSVOA_N
ClientSampleId :



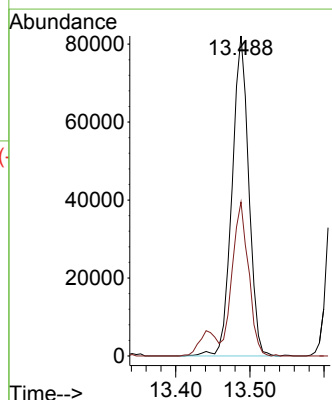
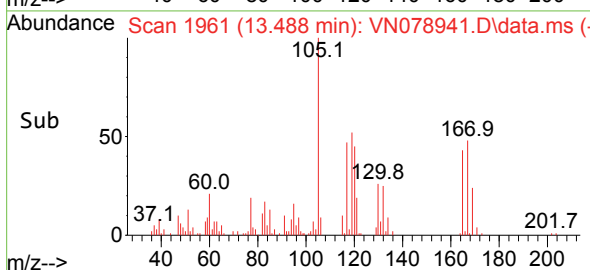
Tgt Ion:119 Resp: 101418
Ion Ratio Lower Upper
119 100
91 69.9 33.9 101.7
134 30.1 13.2 39.6

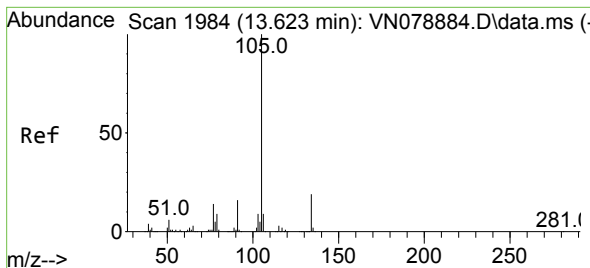


#84
1,2,4-Trimethylbenzene
Concen: 16.029 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36



Tgt Ion:105 Resp: 128186
Ion Ratio Lower Upper
105 100
120 47.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 15.577 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

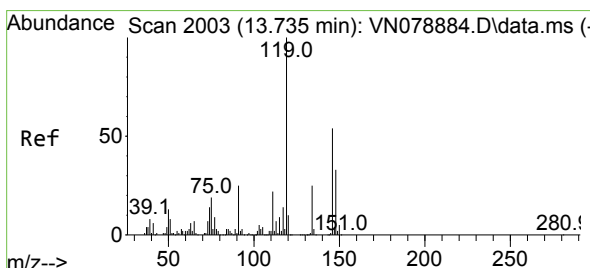
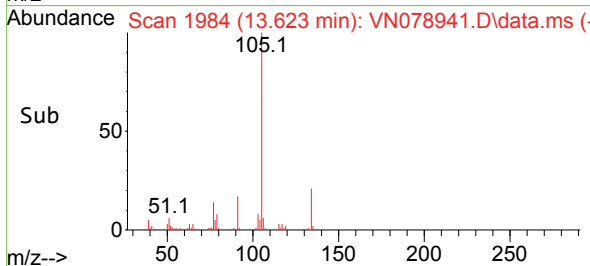
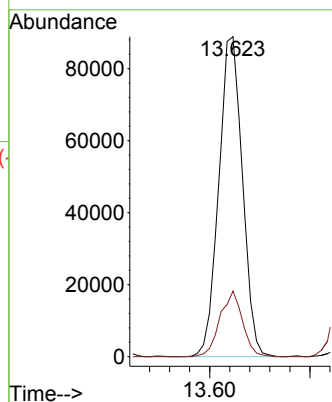
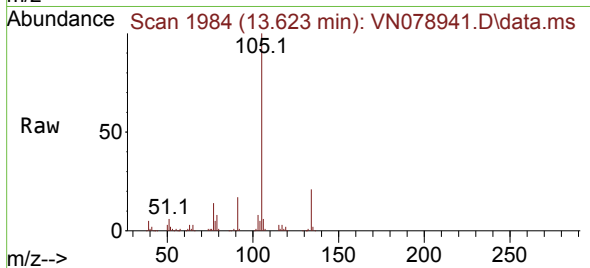
ClientSampleId :

Tgt Ion:105 Resp: 145470

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 15.518 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

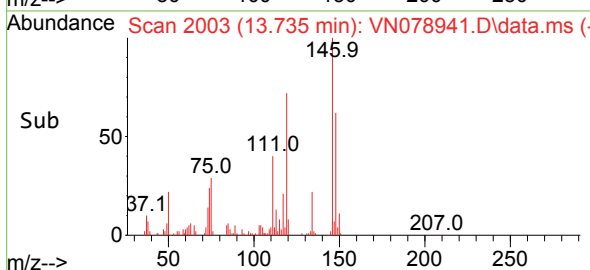
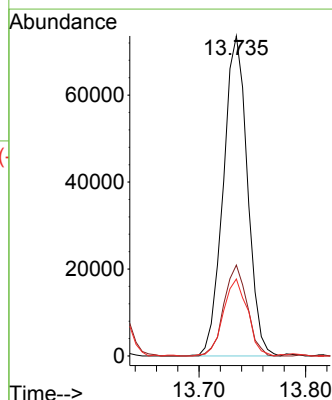
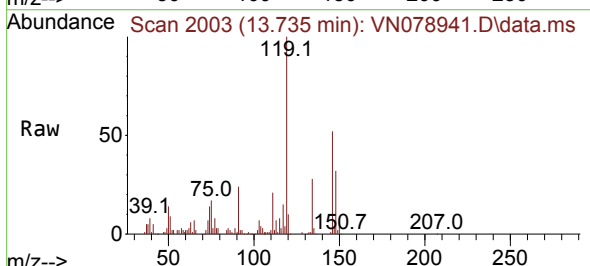
Tgt Ion:119 Resp: 115787

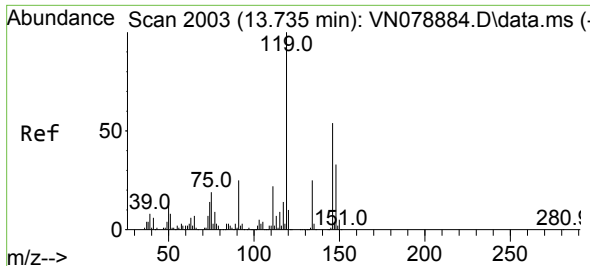
Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 24.1 12.4 37.2

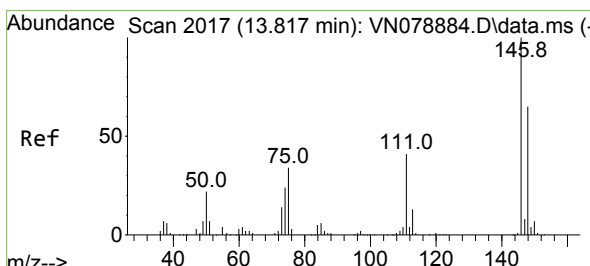
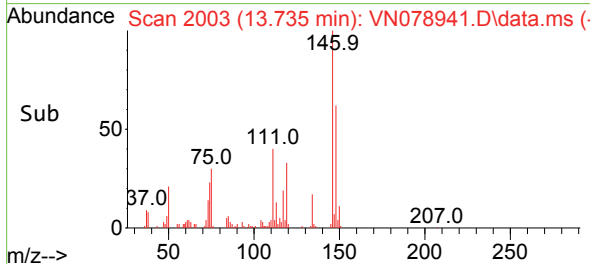
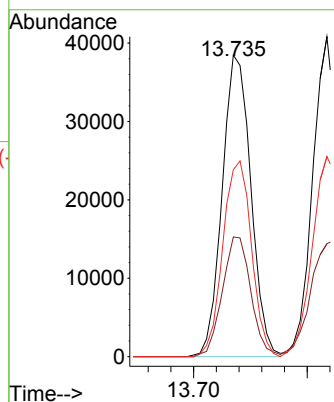
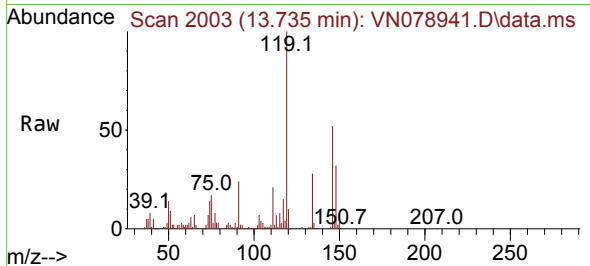




#87
1,3-Dichlorobenzene
Concen: 16.015 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

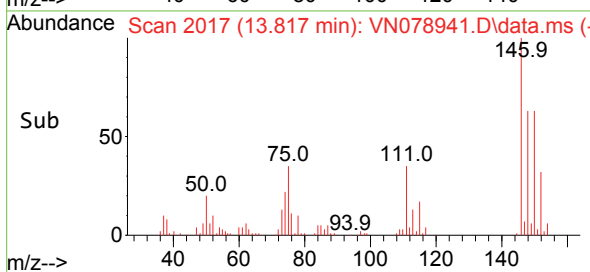
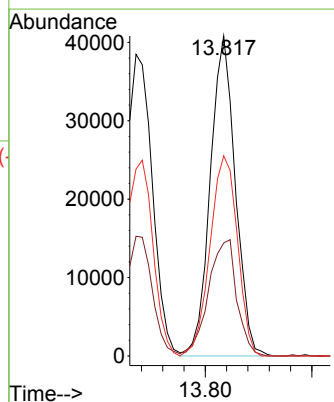
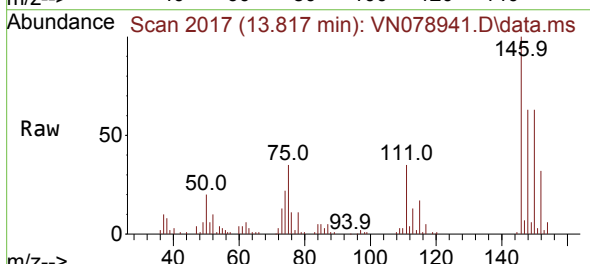
Instrument :
MSVOA_N
ClientSampleId :

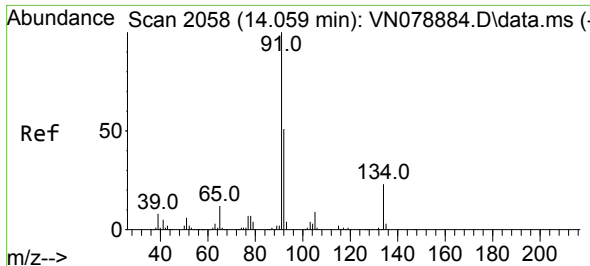
Tgt Ion:146 Resp: 67513
Ion Ratio Lower Upper
146 100
111 39.4 22.1 66.3
148 64.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 15.785 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion:146 Resp: 66604
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 68.4 31.6 94.8

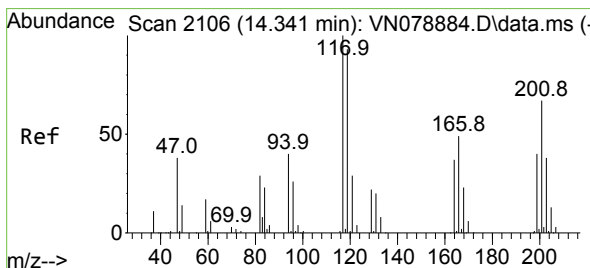
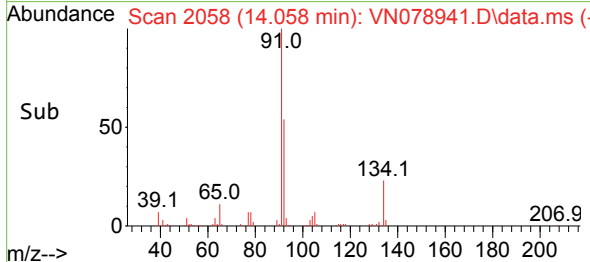
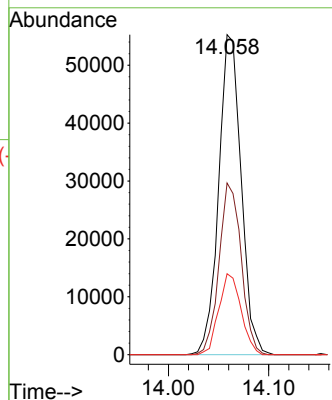
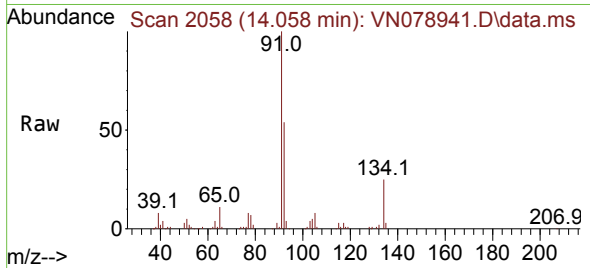




#89
n-Butylbenzene
Concen: 14.008 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

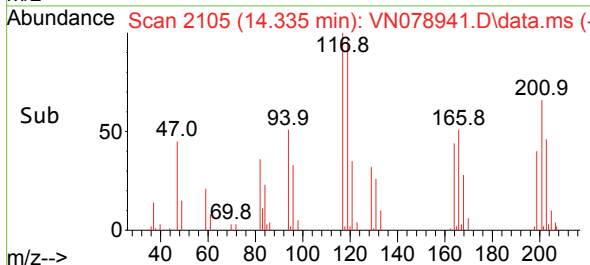
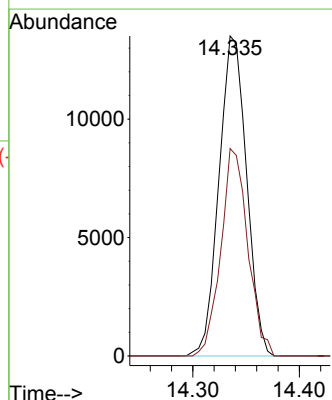
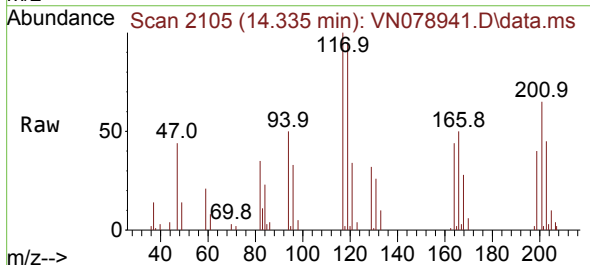
Instrument :
MSVOA_N
ClientSampleId :

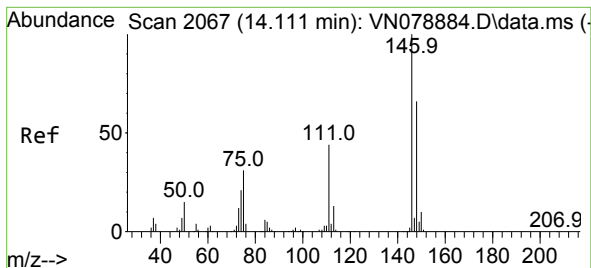
Tgt Ion: 91 Resp: 86017
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 16.250 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078941.D
Acq: 18 Aug 2023 14:36

Tgt Ion: 117 Resp: 24305
Ion Ratio Lower Upper
117 100
201 63.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 16.498 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078941.D

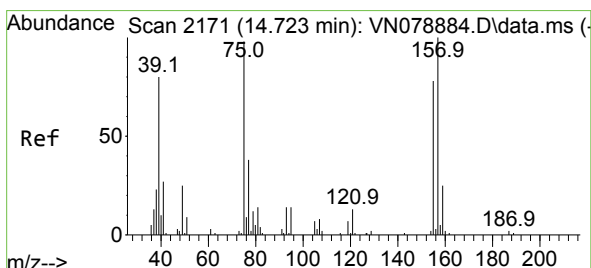
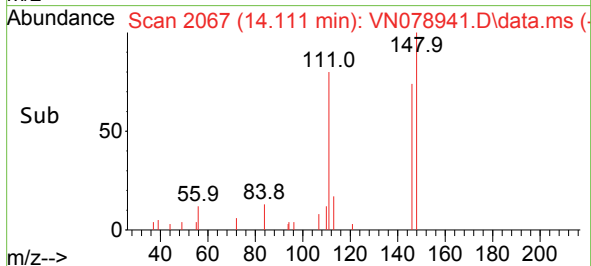
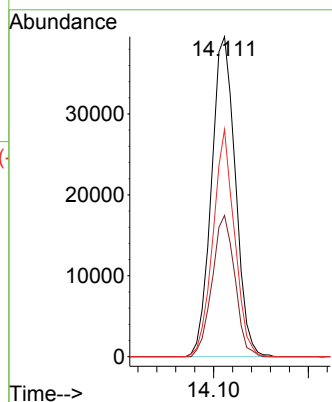
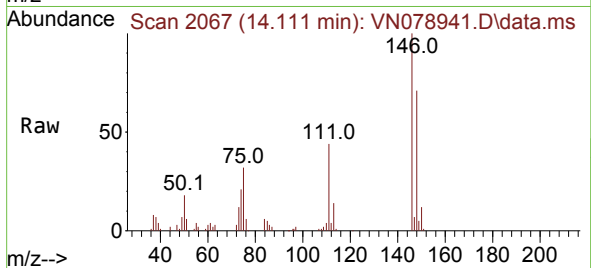
Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	69163
Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.0	66.0
148	64.1	31.8	95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.170 ug/l

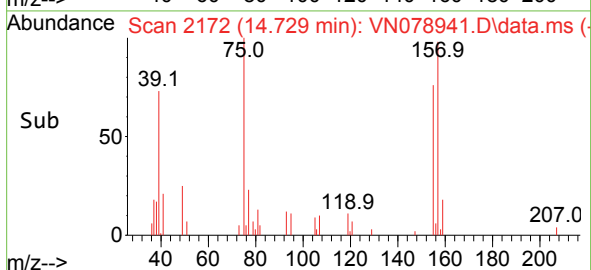
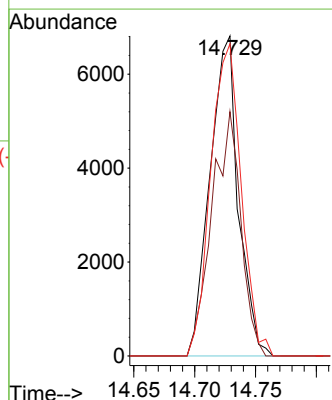
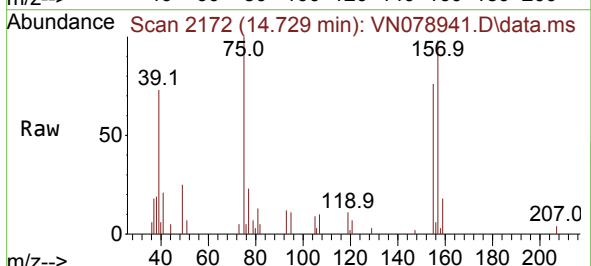
RT: 14.729 min Scan# 2172

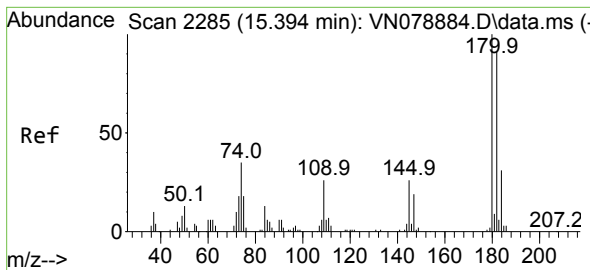
Delta R.T. 0.006 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Tgt Ion:	75	Resp:	11070
Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.1	117.2
157	105.0	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.095 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

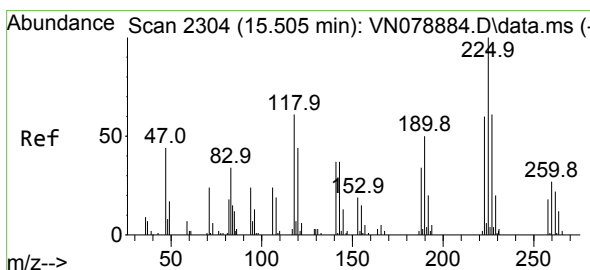
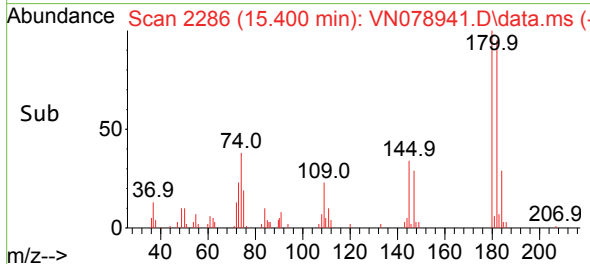
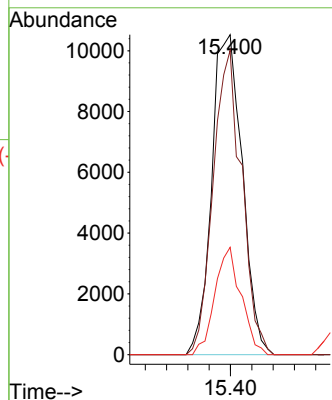
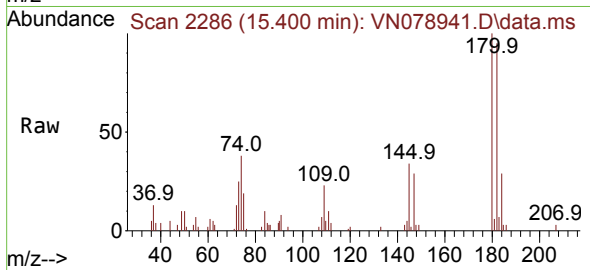
Tgt Ion:180 Resp: 20948

Ion Ratio Lower Upper

180 100

182 88.9 46.1 138.2

145 28.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 14.254 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

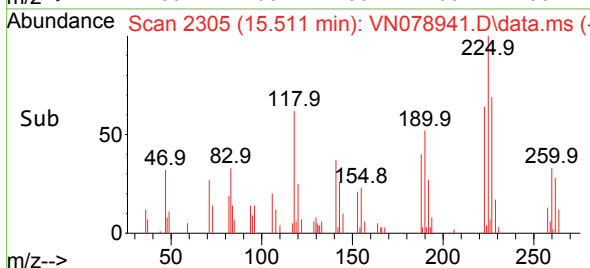
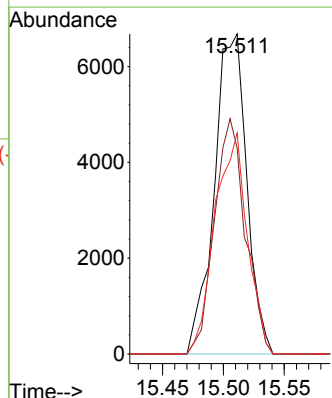
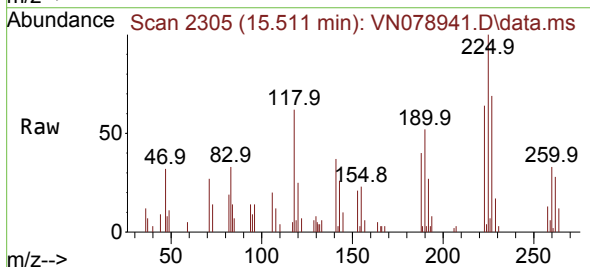
Tgt Ion:225 Resp: 12421

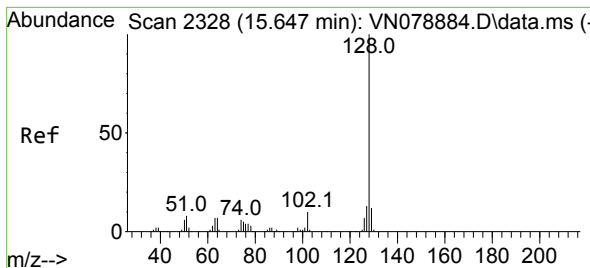
Ion Ratio Lower Upper

225 100

223 70.2 31.3 93.8

227 68.9 31.9 95.9





#95

Naphthalene

Concen: 12.068 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078941.D

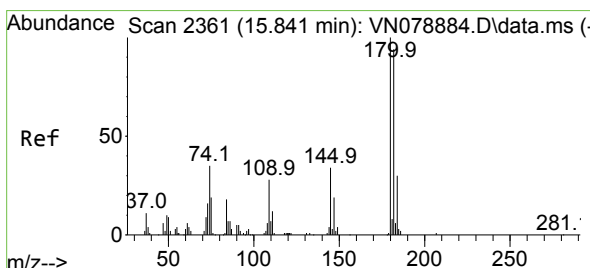
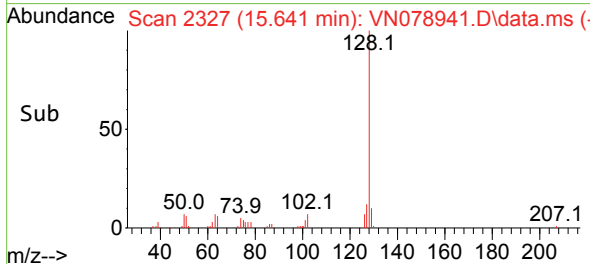
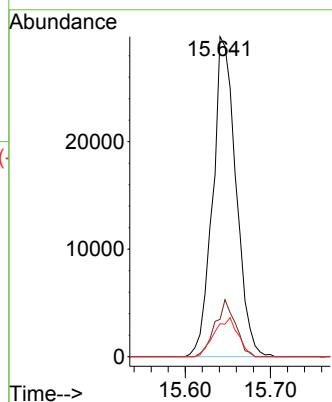
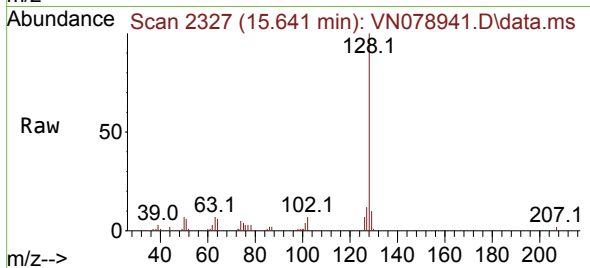
Acq: 18 Aug 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	56378
Ion Ratio	Lower	Upper
128	100	
127	15.7	10.0 15.0#
129	12.5	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 14.383 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078941.D

Acq: 18 Aug 2023 14:36

Tgt Ion:180	Resp:	23412
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.2 138.6
145	31.4	17.5 52.6

