

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078978.D
 Acq On : 21 Aug 2023 17:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 01:00:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	143964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144771	64.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.240%#	
35) Dibromofluoromethane	8.171	113	108023	57.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.800%	
50) Toluene-d8	10.571	98	328758	47.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.080%	
62) 4-Bromofluorobenzene	12.853	95	111277	48.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	70135	35.110	ug/l	99
3) Chloromethane	2.365	50	128371	46.028	ug/l	96
4) Vinyl Chloride	2.512	62	112362	45.938	ug/l	99
5) Bromomethane	2.918	94	78260	55.729	ug/l	98
6) Chloroethane	3.101	64	82690	48.360	ug/l	95
7) Trichlorofluoromethane	3.489	101	119412	40.083	ug/l	92
8) Diethyl Ether	3.959	74	74937	66.352	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	58217	36.692	ug/l	95
10) Methyl Iodide	4.589	142	113233	63.785	ug/l	99
11) Tert butyl alcohol	5.536	59	129567	344.676	ug/l #	87
12) 1,1-Dichloroethene	4.330	96	71980	46.572	ug/l	82
13) Acrolein	4.189	56	79731	Below Cal		95
14) Allyl chloride	5.024	41	148248	48.193	ug/l #	86
15) Acrylonitrile	5.724	53	348614	342.328	ug/l	99
16) Acetone	4.430	43	297296	321.630	ug/l #	87
17) Carbon Disulfide	4.706	76	202956	46.912	ug/l	100
18) Methyl Acetate	5.024	43	256638	65.723	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	374413	67.250	ug/l	98
20) Methylene Chloride	5.271	84	119671	60.752	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	93153	53.748	ug/l	87
22) Diisopropyl ether	6.677	45	406612	62.483	ug/l #	89
23) Vinyl Acetate	6.606	43	1423103	332.123	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	201890	56.789	ug/l	98
25) 2-Butanone	7.489	43	489869	330.553	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	105677	36.775	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	116667	55.383	ug/l	88
28) Bromochloromethane	7.818	49	122518	64.966	ug/l #	71
29) Tetrahydrofuran	7.841	42	337269	343.833	ug/l #	72
30) Chloroform	7.971	83	208484	58.700	ug/l	97
31) Cyclohexane	8.259	56	101796	35.680	ug/l	83
32) 1,1,1-Trichloroethane	8.171	97	146771	48.464	ug/l	93
36) 1,1-Dichloropropene	8.377	75	110242	38.939	ug/l	96
37) Ethyl Acetate	7.565	43	207209	65.415	ug/l #	89
38) Carbon Tetrachloride	8.371	117	115427	40.690	ug/l	97
39) Methylcyclohexane	9.606	83	76826	29.506	ug/l #	85
40) Benzene	8.612	78	426448	50.961	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	113934	66.041	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	182918	58.509	ug/l	98
43) Isopropyl Acetate	8.694	43	340929	60.894	ug/l #	85
44) Trichloroethene	9.359	130	90832	45.682	ug/l	94
45) 1,2-Dichloropropane	9.624	63	122056	54.784	ug/l	94
46) Dibromomethane	9.712	93	91135	59.637	ug/l	96
47) Bromodichloromethane	9.894	83	171995	56.998	ug/l	99
48) Methyl methacrylate	9.688	41	158740	62.568	ug/l #	75
49) 1,4-Dioxane	9.700	88	60374	1397.100	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	1033453	311.222	ug/l #	86
52) Toluene	10.635	92	235098	45.759	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	176280	54.474	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	184654	52.393	ug/l #	80
55) 1,1,2-Trichloroethane	11.024	97	121632	59.044	ug/l	93
56) Ethyl methacrylate	10.877	69	197642	61.892	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	208949	56.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	430823	281.054	ug/l	89
59) 2-Hexanone	11.200	43	772341	321.122	ug/l	83
60) Dibromochloromethane	11.365	129	127236	58.694	ug/l	96
61) 1,2-Dibromoethane	11.471	107	125662	60.027	ug/l	100
64) Tetrachloroethene	11.112	164	65954	42.678	ug/l	89
65) Chlorobenzene	11.894	112	250112	47.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	106776	53.863	ug/l	96
67) Ethyl Benzene	11.971	91	388874	40.766	ug/l	99
68) m/p-Xylenes	12.077	106	310811	87.147	ug/l	99
69) o-Xylene	12.400	106	157474	45.389	ug/l	97
70) Styrene	12.418	104	273402	47.260	ug/l	99
71) Bromoform	12.582	173	91810	63.704	ug/l #	99
73) Isopropylbenzene	12.700	105	333539	39.927	ug/l	99
74) N-amyl acetate	12.500	43	259031	61.430	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	188589	62.523	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	228029	94.460	ug/l	54
77) Bromobenzene	12.982	156	102146	50.870	ug/l	90
78) n-propylbenzene	13.041	91	383697	39.609	ug/l	98
79) 2-Chlorotoluene	13.129	91	256570	42.698	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	276662	41.791	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	58877	62.305	ug/l	87
82) 4-Chlorotoluene	13.224	91	253281	43.077	ug/l	99
83) tert-Butylbenzene	13.441	119	222126	39.935	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	284600	43.417	ug/l	98
85) sec-Butylbenzene	13.623	105	281835	36.818	ug/l	100
86) p-Isopropyltoluene	13.735	119	232753	38.058	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	157725	45.648	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	157112	45.429	ug/l	97
89) n-Butylbenzene	14.065	91	177273	35.222	ug/l	98
90) Hexachloroethane	14.341	117	47410	38.672	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	164412	47.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	32257	66.061	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	51244	42.068	ug/l	97
94) Hexachlorobutadiene	15.500	225	23861	35.954	ug/l	93
95) Naphthalene	15.647	128	197077	43.063	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	58903	44.150	ug/l	94

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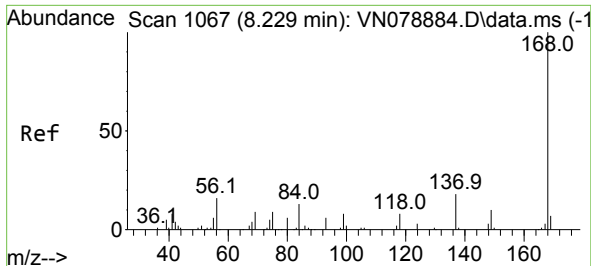
Quant Time: Aug 22 01:00:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

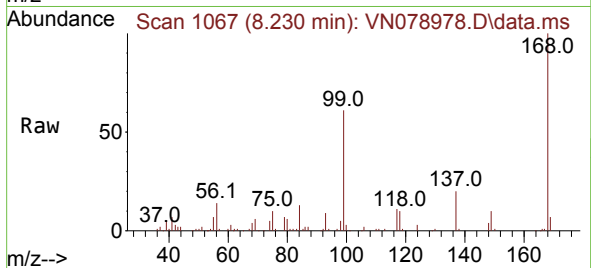
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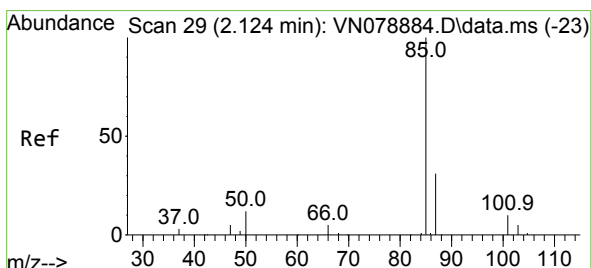
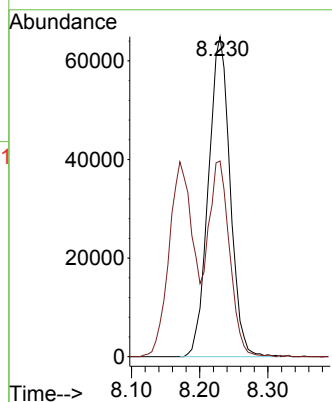
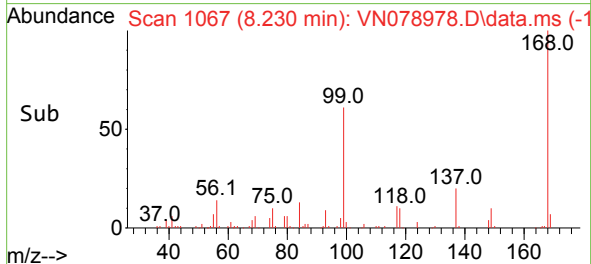


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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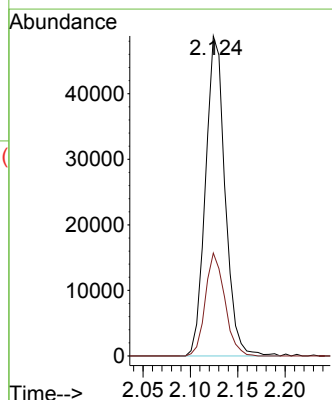
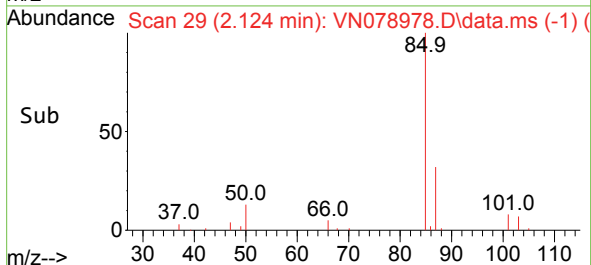
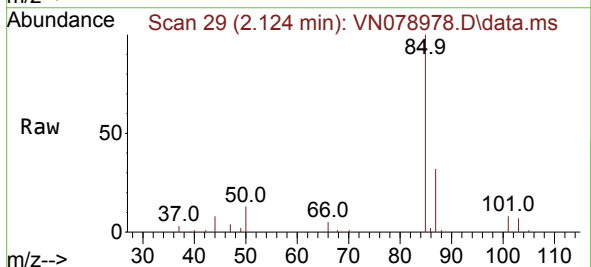


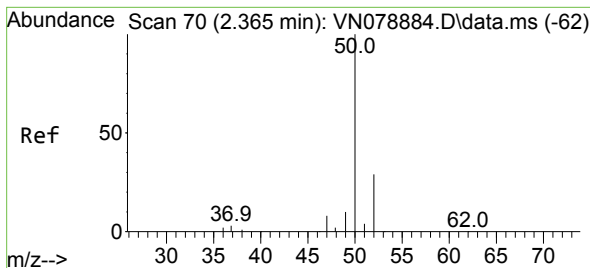
Tgt Ion:168 Resp: 143964
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 35.110 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 85 Resp: 70135
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3

Chloromethane

Concen: 46.028 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

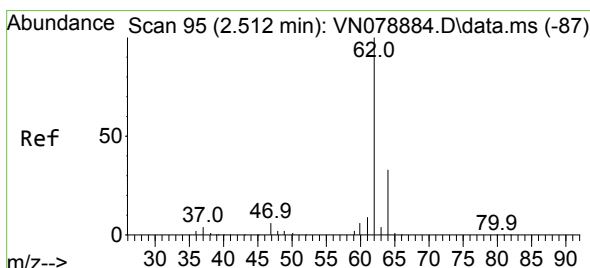
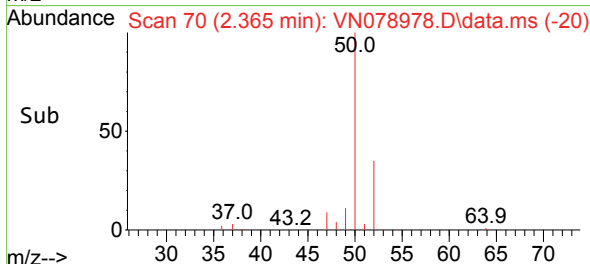
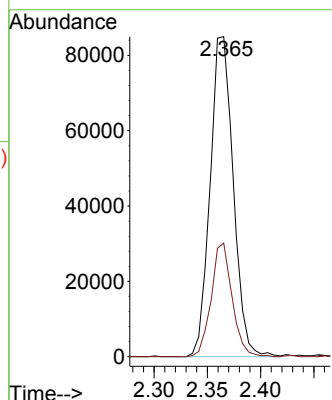
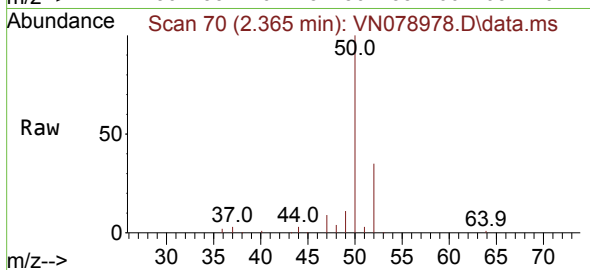
ClientSampleId :

Tgt Ion: 50 Resp: 128371

Ion Ratio Lower Upper

50 100

52 35.5 26.5 39.7



#4

Vinyl Chloride

Concen: 45.938 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078978.D

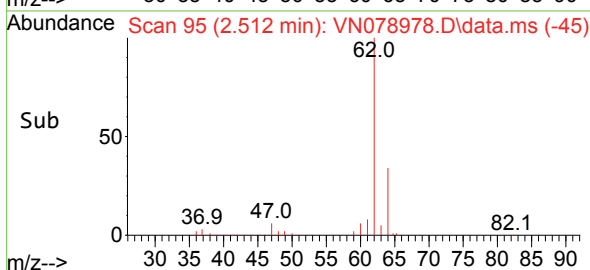
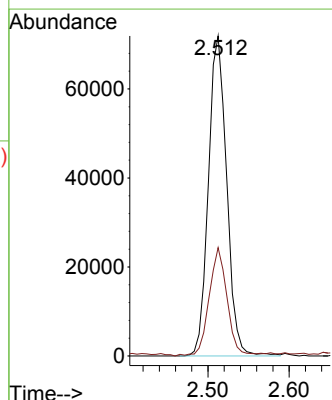
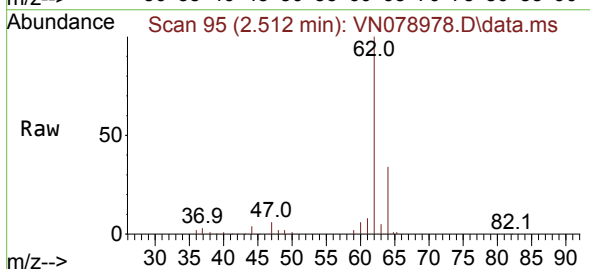
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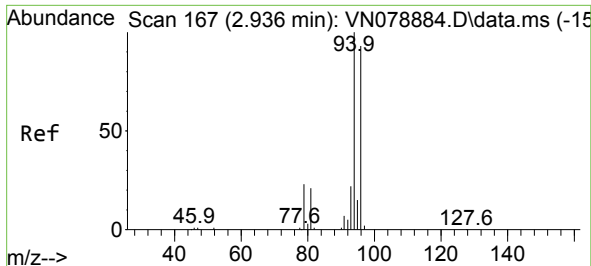
Tgt Ion: 62 Resp: 112362

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.2

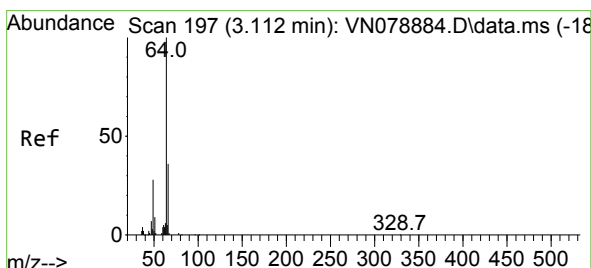
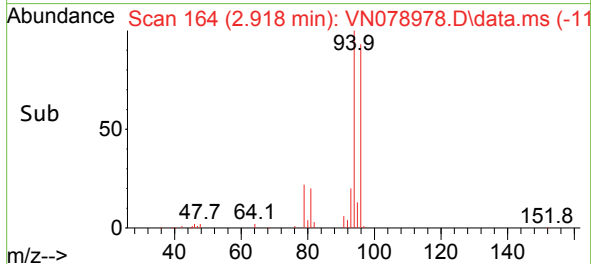
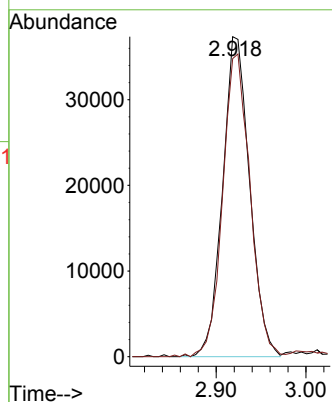
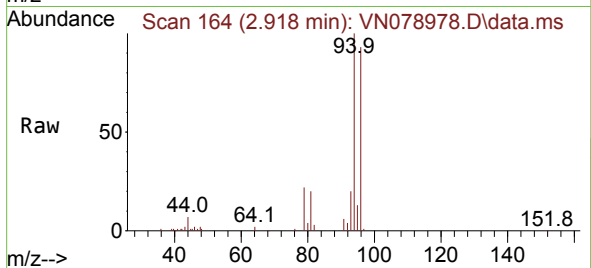




#5
Bromomethane
Concen: 55.729 ug/l
RT: 2.918 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN078978.D
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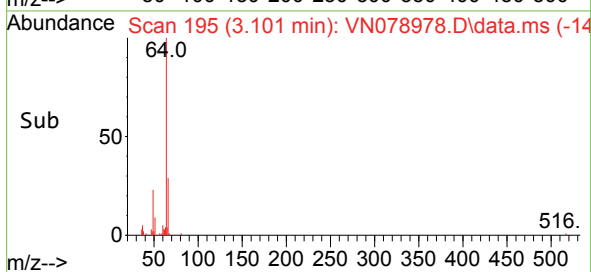
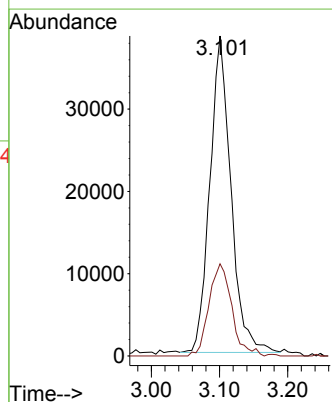
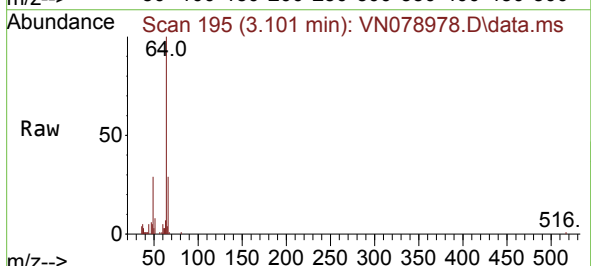
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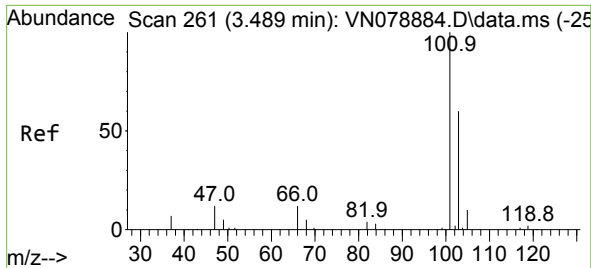
Tgt Ion: 94 Resp: 78260
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7



#6
Chloroethane
Concen: 48.360 ug/l
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 64 Resp: 82690
Ion Ratio Lower Upper
64 100
66 29.1 25.4 38.2

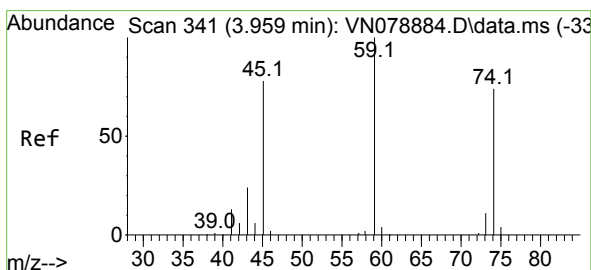
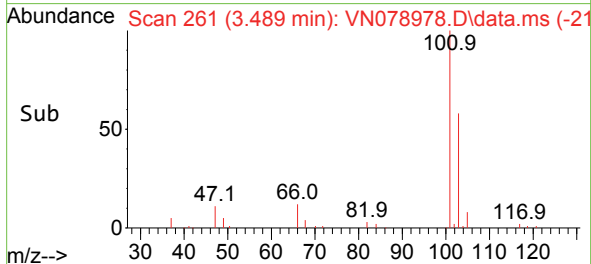
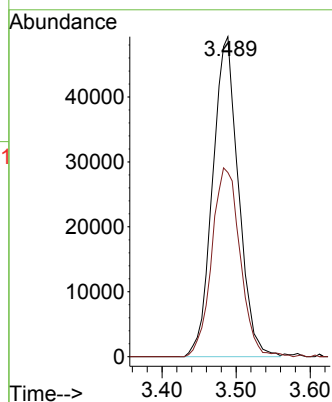
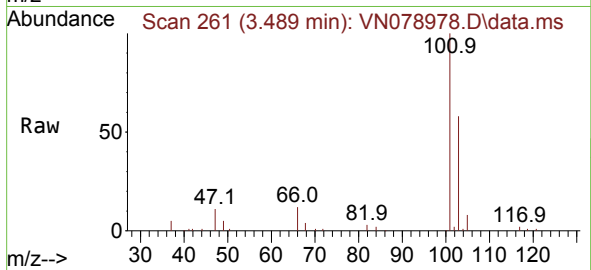




#7
 Trichlorofluoromethane
 Concen: 40.083 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: VN078978.D
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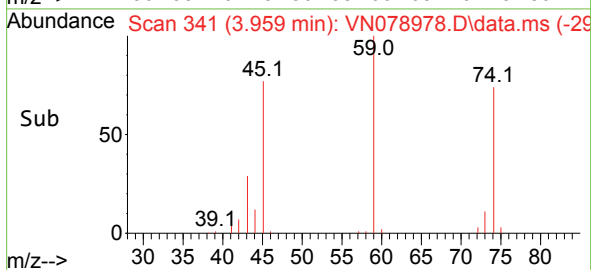
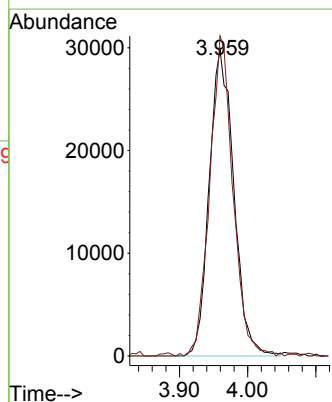
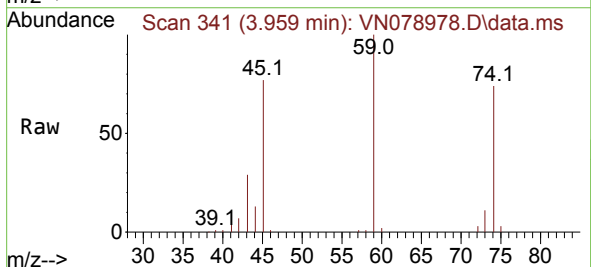
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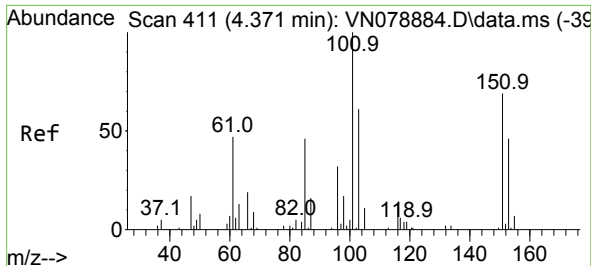
Tgt Ion:101 Resp: 119412
 Ion Ratio Lower Upper
 101 100
 103 57.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 66.352 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN078978.D
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Tgt Ion: 74 Resp: 74937
 Ion Ratio Lower Upper
 74 100
 45 98.5 34.4 103.3

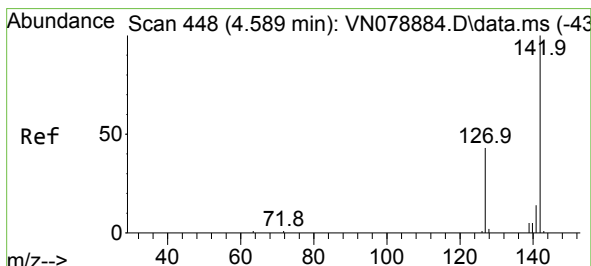
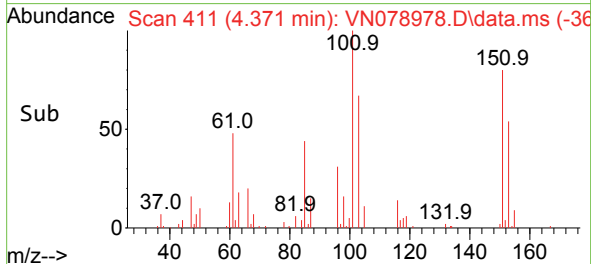
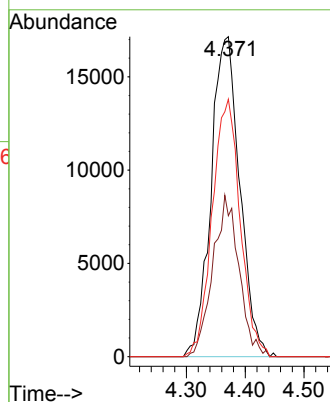
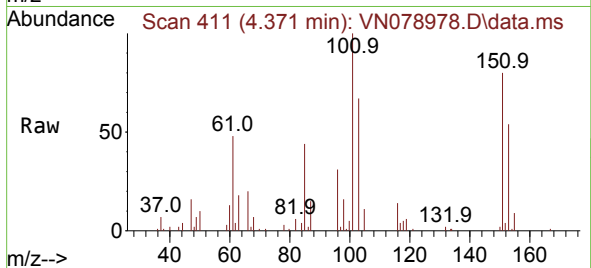




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.692 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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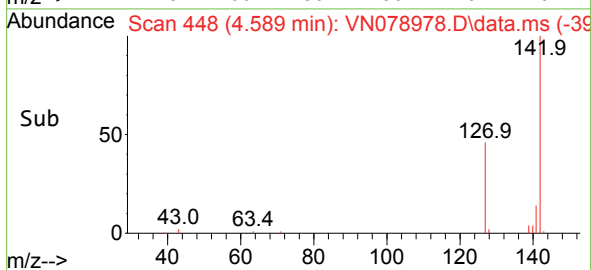
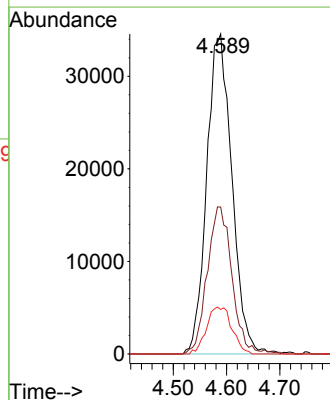
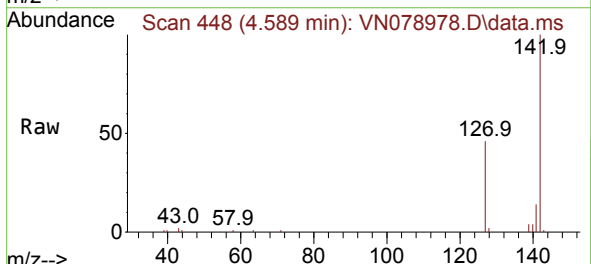
Instrument :
MSVOA_N
ClientSampleId :

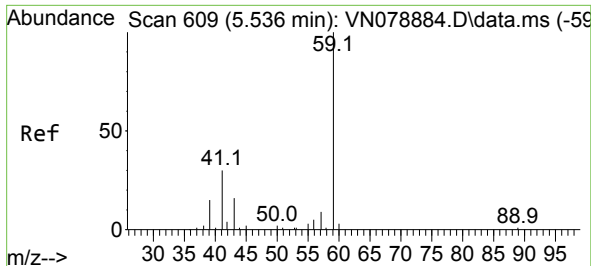
Tgt Ion:101 Resp: 58217
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.2 57.6 86.4



#10
Methyl Iodide
Concen: 63.785 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:142 Resp: 113233
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 13.9 11.4 17.0

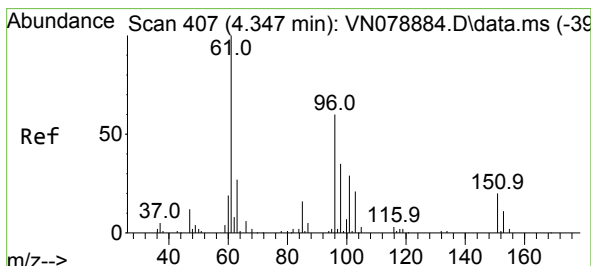
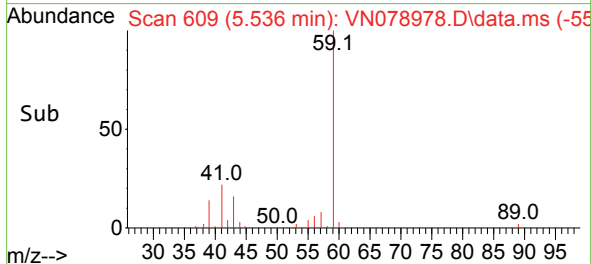
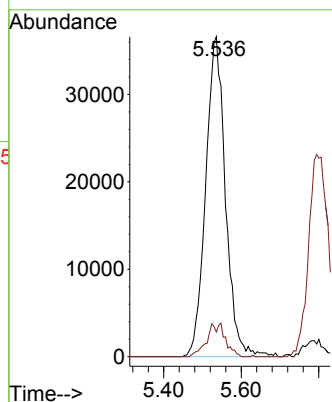
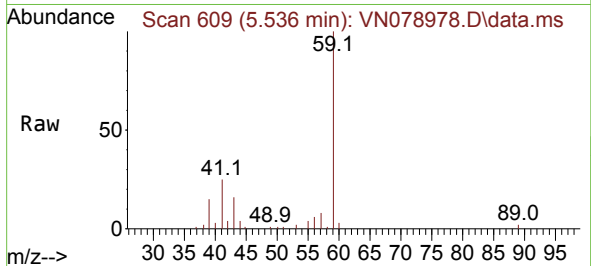




#11
Tert butyl alcohol
Concen: 344.676 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

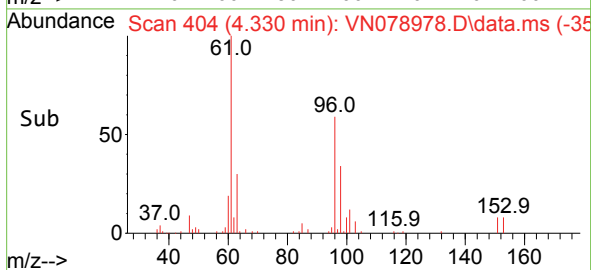
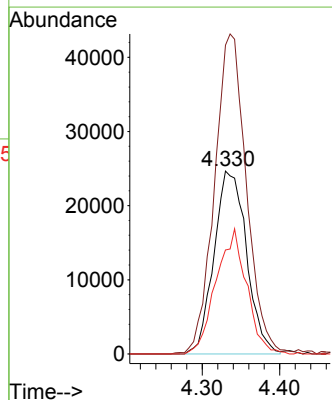
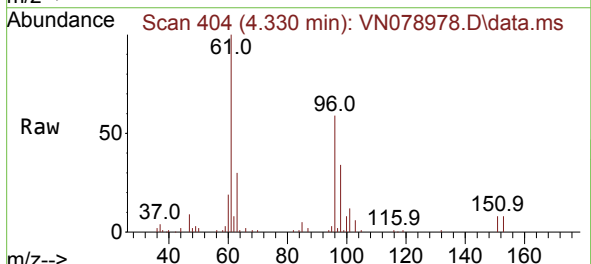
Instrument :
MSVOA_N
ClientSampleId :

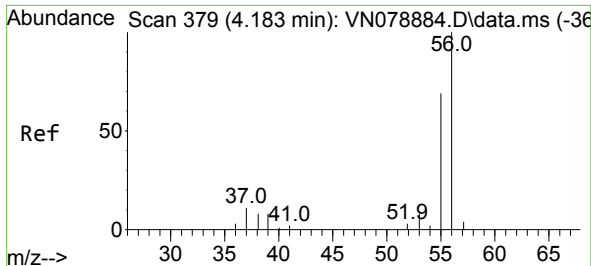
Tgt Ion: 59 Resp: 129567
Ion Ratio Lower Upper
59 100
57 5.4 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 46.572 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.018 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 96 Resp: 71980
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 56.9 51.2 76.8

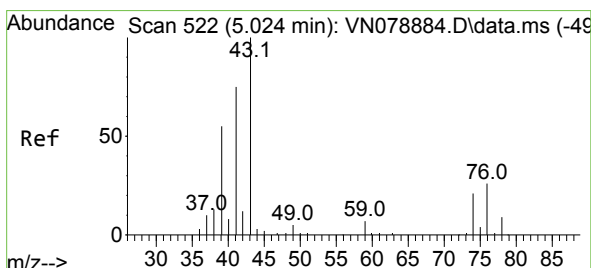
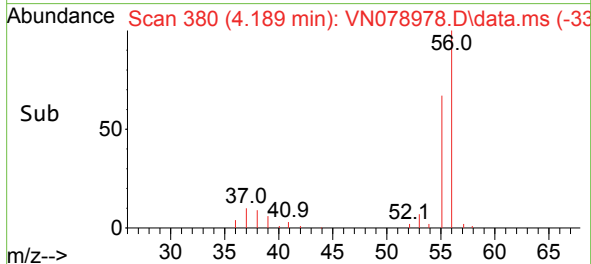
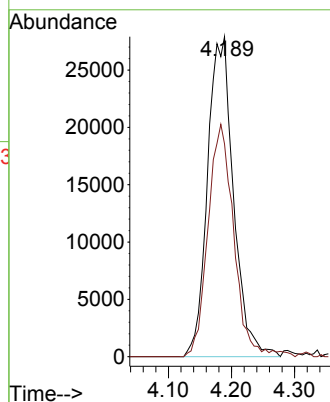
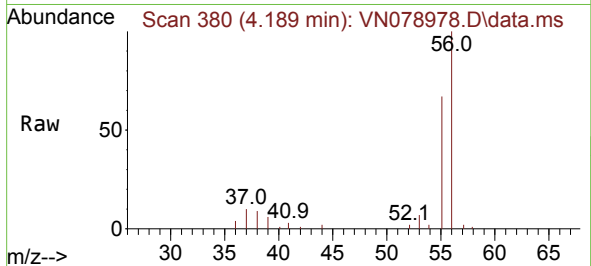




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

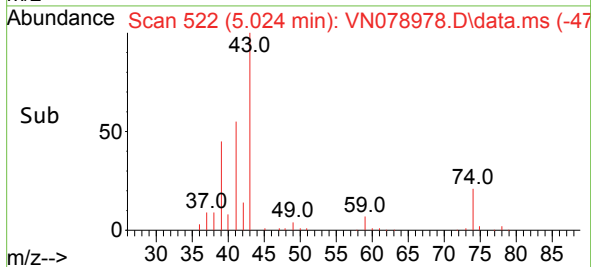
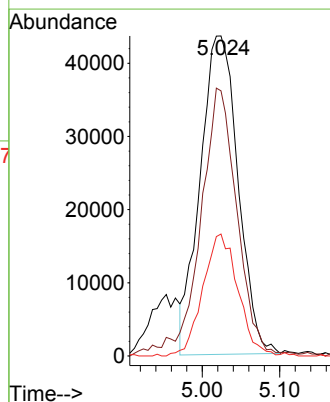
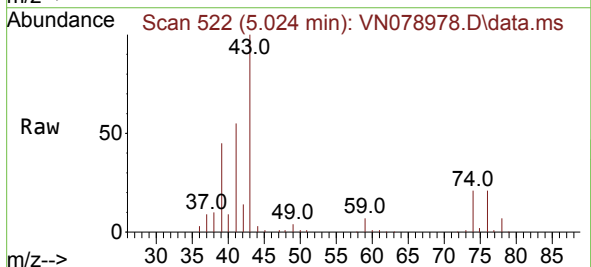
Instrument :
MSVOA_N
ClientSampleId :

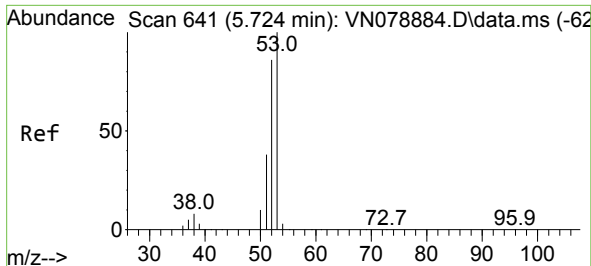
Tgt Ion: 56 Resp: 79731
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7



#14
Allyl chloride
Concen: 48.193 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

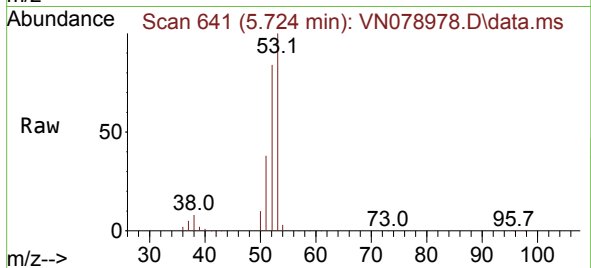
Tgt Ion: 41 Resp: 148248
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 35.4 39.1 58.7#



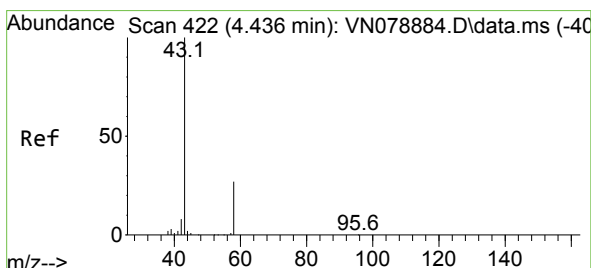
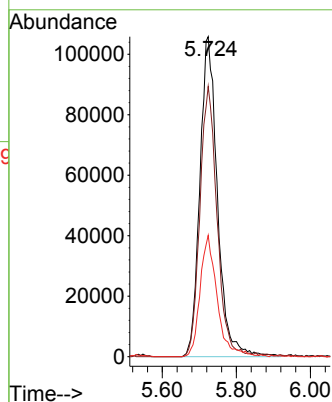
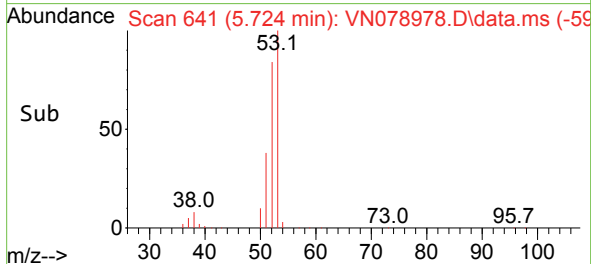


#15
Acrylonitrile
Concen: 342.328 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

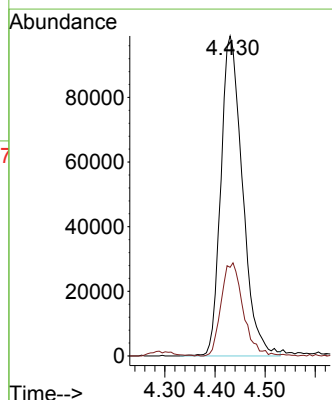
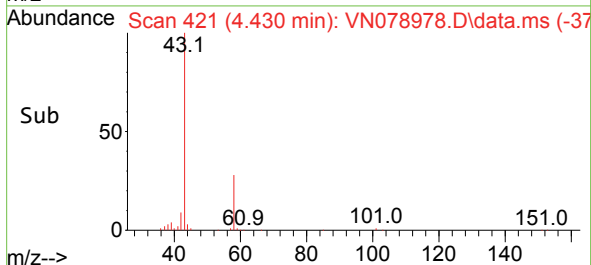
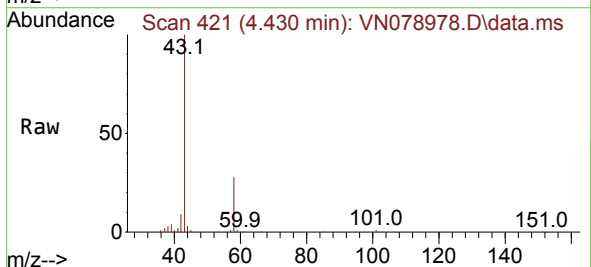


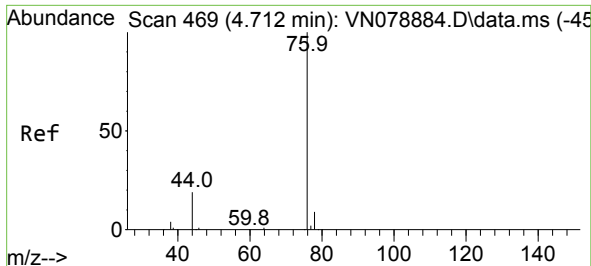
Tgt Ion: 53 Resp: 348614
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 321.630 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 43 Resp: 297296
Ion Ratio Lower Upper
43 100
58 27.4 28.0 42.0#

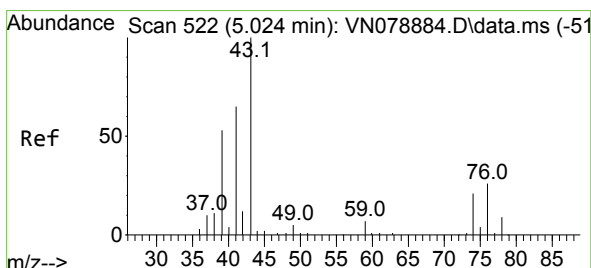
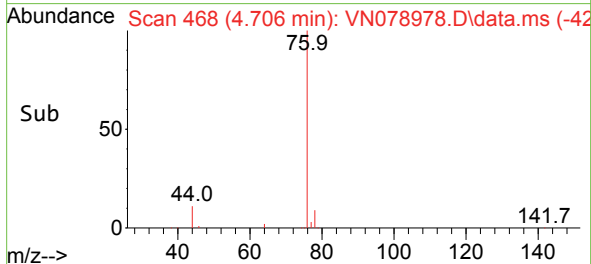
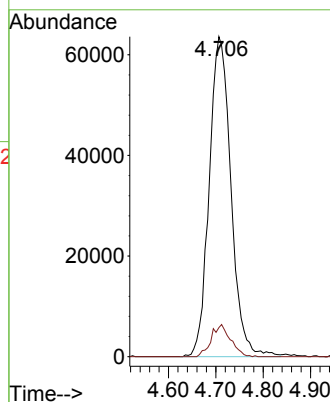
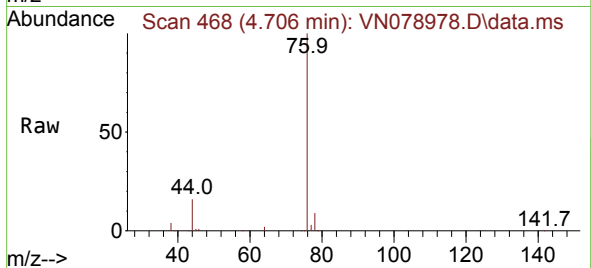




#17
Carbon Disulfide
Concen: 46.912 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.018 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

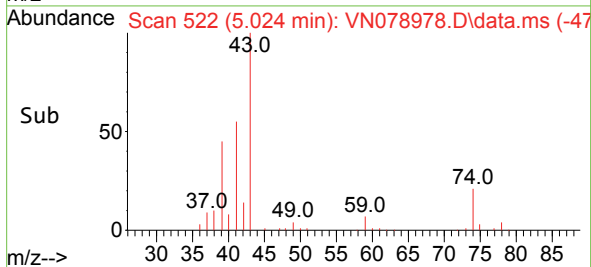
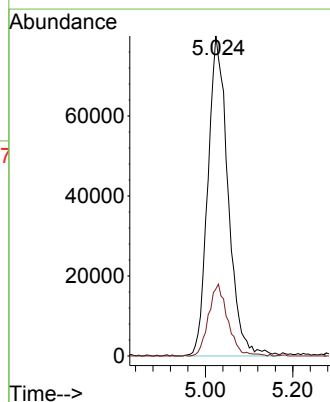
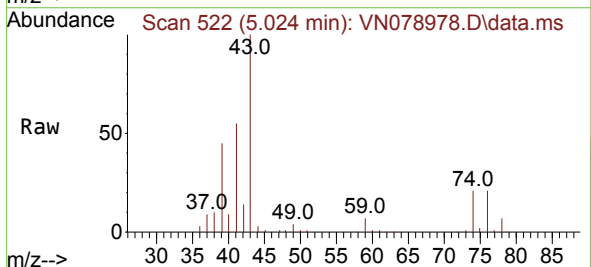
Instrument :
MSVOA_N
ClientSampleId :

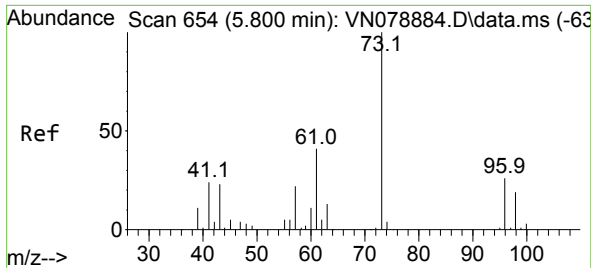
Tgt Ion: 76 Resp: 202956
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 65.723 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 43 Resp: 256638
Ion Ratio Lower Upper
43 100
74 21.4 26.2 39.4#

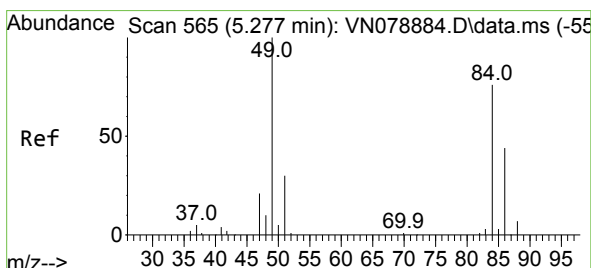
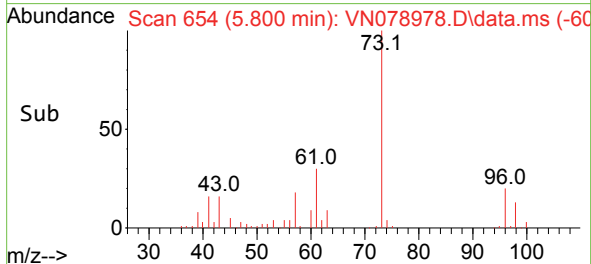
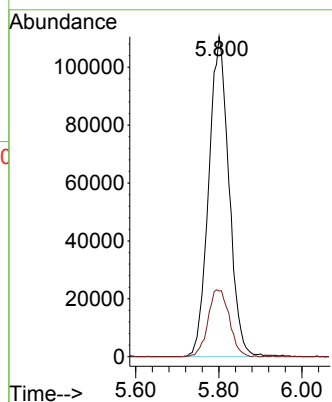
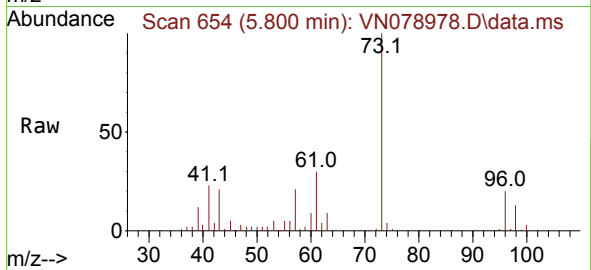




#19
Methyl tert-butyl Ether
Concen: 67.250 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

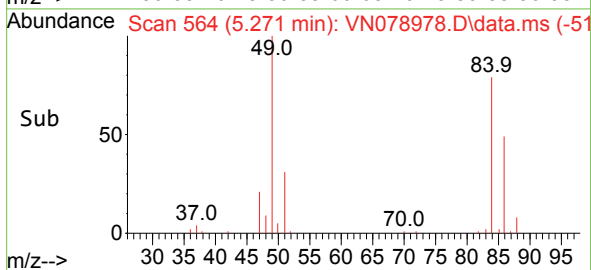
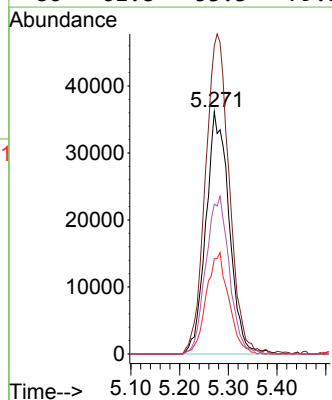
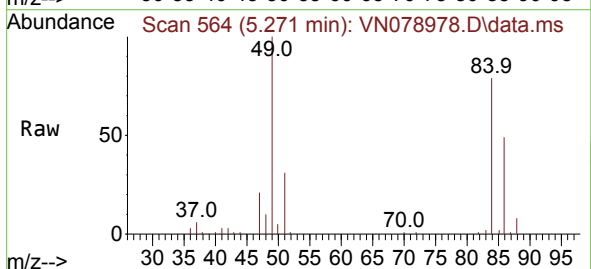
Instrument :
MSVOA_N
ClientSampleId :

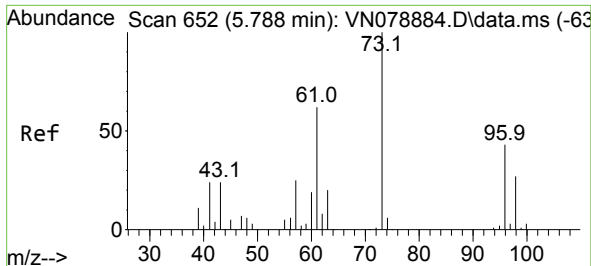
Tgt Ion: 73 Resp: 374413
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 60.752 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 84 Resp: 119671
Ion Ratio Lower Upper
84 100
49 127.2 79.7 119.5#
51 39.3 25.2 37.8#
86 61.8 53.3 79.9

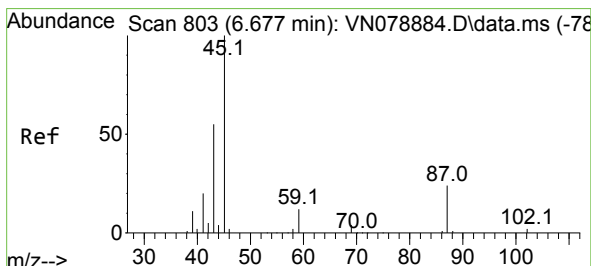
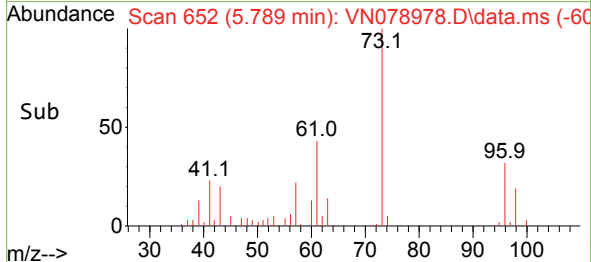
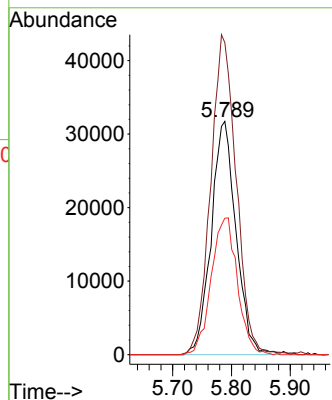
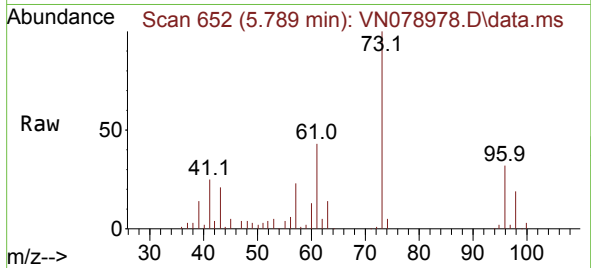




#21
trans-1,2-Dichloroethene
Concen: 53.748 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

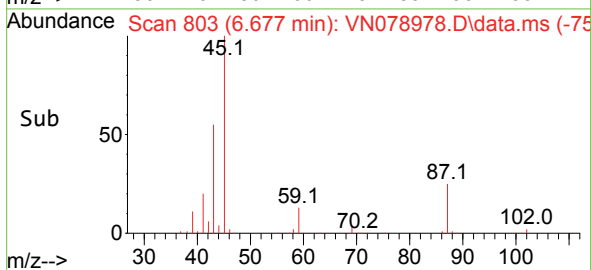
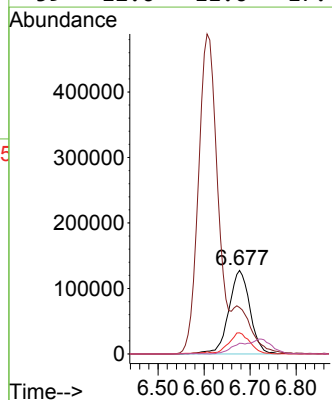
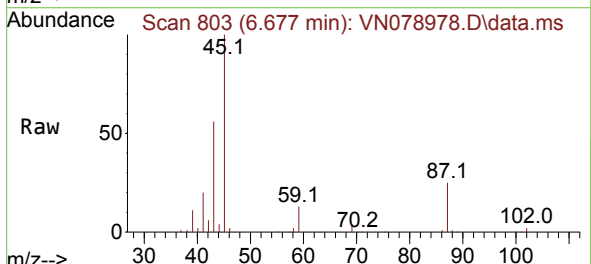
Instrument :
MSVOA_N
ClientSampleId :

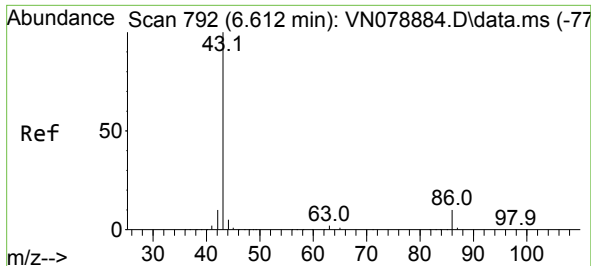
Tgt Ion: 96 Resp: 93153
Ion Ratio Lower Upper
96 100
61 133.8 90.1 135.1
98 58.5 46.4 69.6



#22
Diisopropyl ether
Concen: 62.483 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 45 Resp: 406612
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 25.2 31.8 47.8#
59 12.6 11.6 17.4

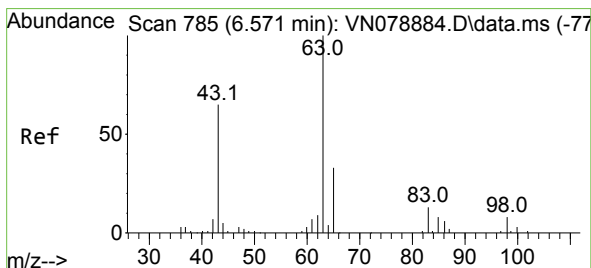
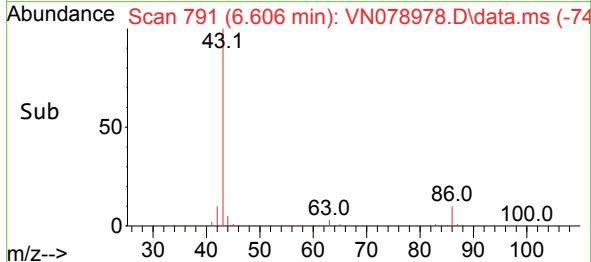
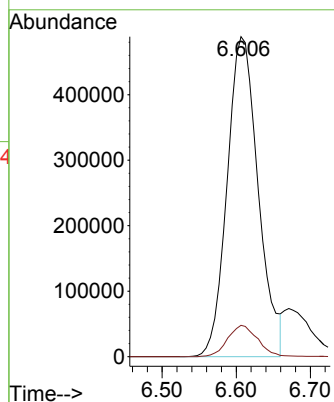
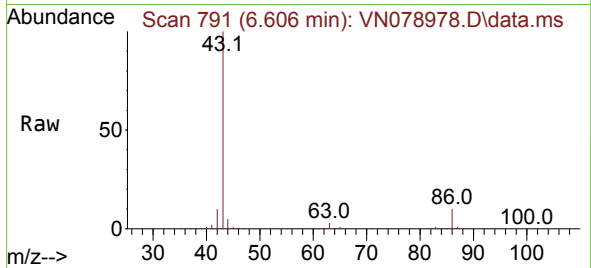




#23
 Vinyl Acetate
 Concen: 332.123 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

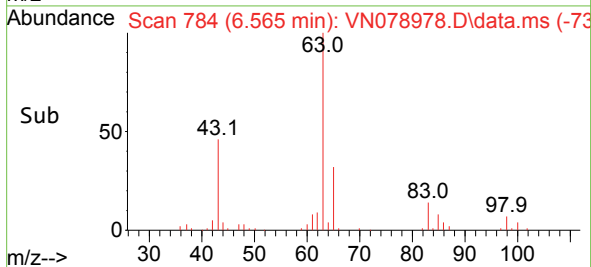
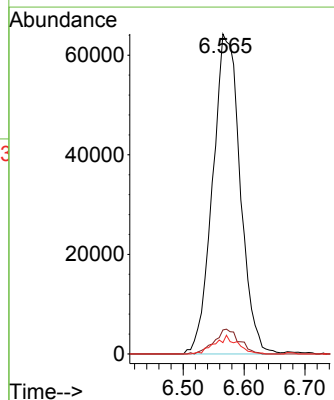
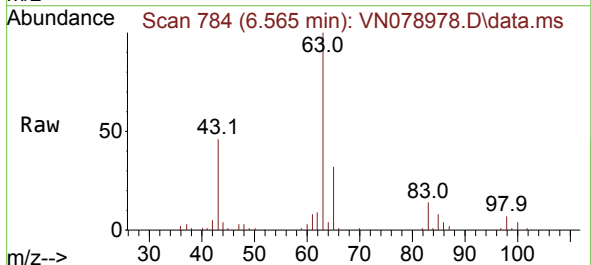
Instrument :
 MSVOA_N
 ClientSampleId :

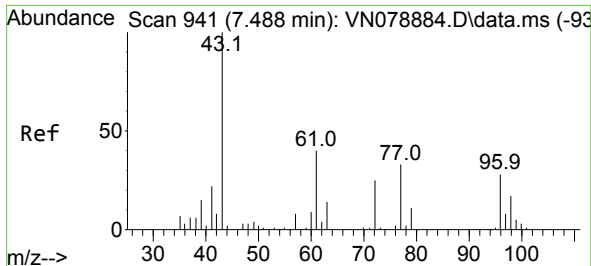
Tgt Ion: 43 Resp: 1423103
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.789 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

Tgt Ion: 63 Resp: 201890
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 3.6 2.5 7.4

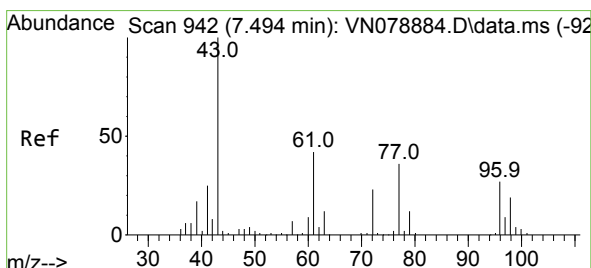
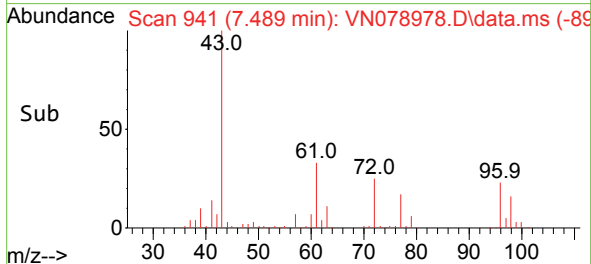
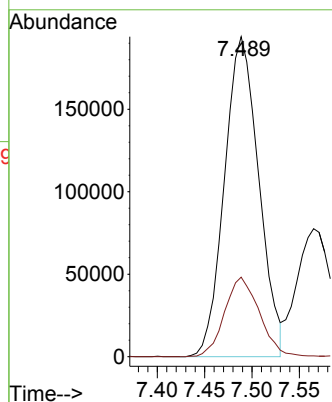
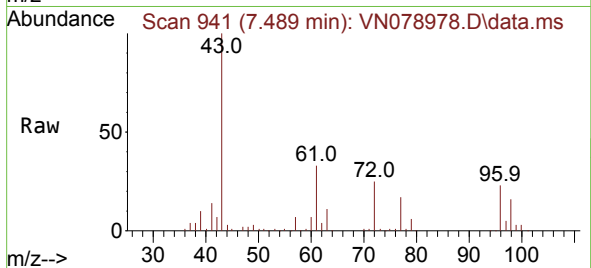




#25
2-Butanone
Concen: 330.553 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

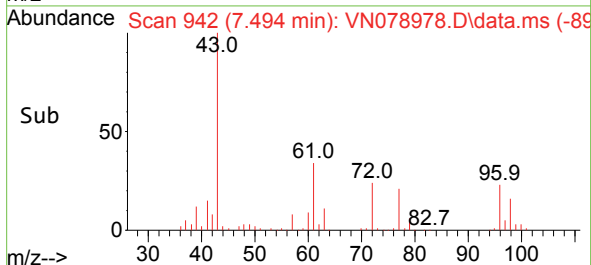
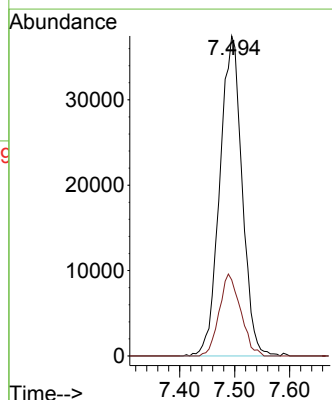
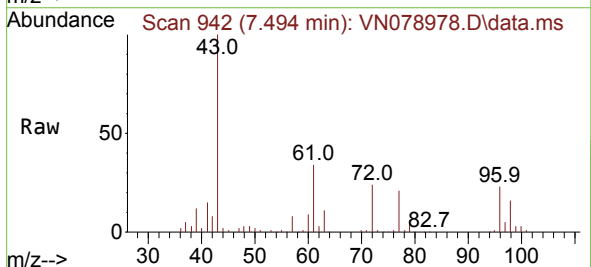
Instrument :
MSVOA_N
ClientSampleId :

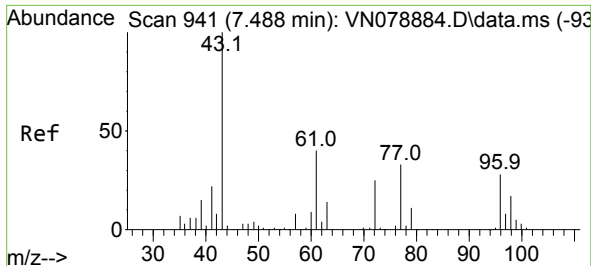
Tgt Ion: 43 Resp: 489869
Ion Ratio Lower Upper
43 100
72 24.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 36.775 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

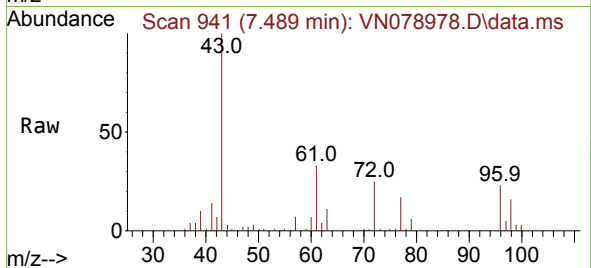
Tgt Ion: 77 Resp: 105677
Ion Ratio Lower Upper
77 100
97 24.6 11.2 33.6





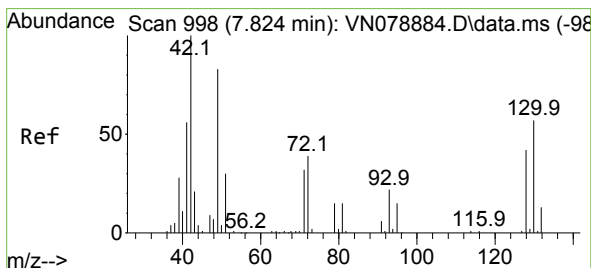
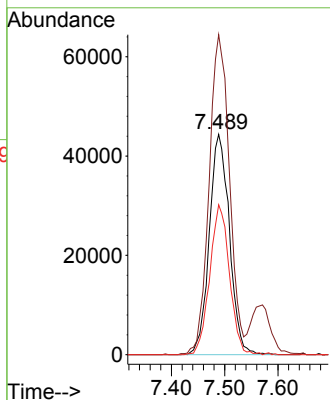
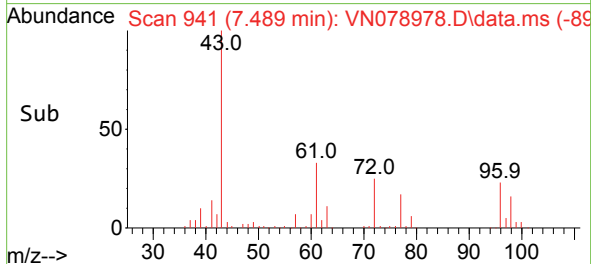
#27
 cis-1,2-Dichloroethene
 Concen: 55.383 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 116667

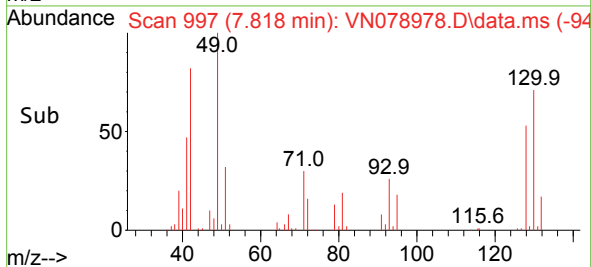
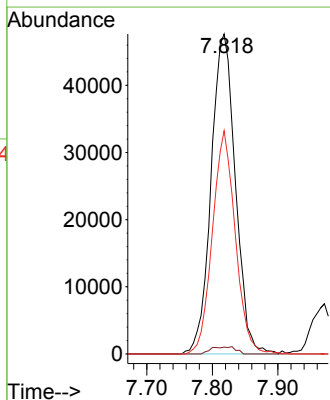
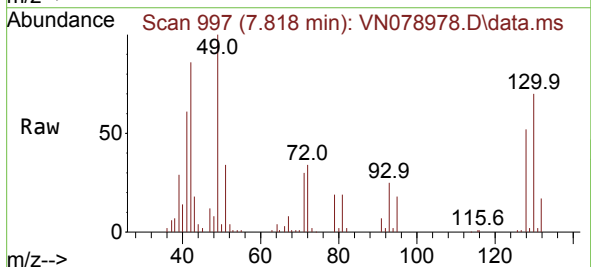
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	255.2
98	66.4	0.0	128.8

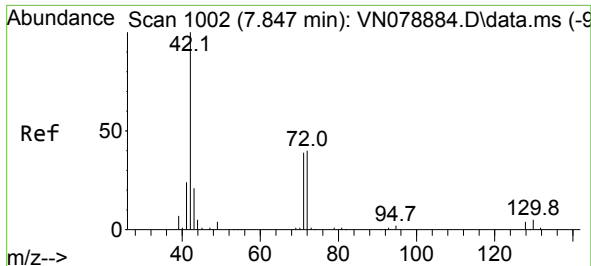


#28
 Bromochloromethane
 Concen: 64.966 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

Tgt Ion: 49 Resp: 122518

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	65.8	75.3	112.9





#29

Tetrahydrofuran

Concen: 343.833 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

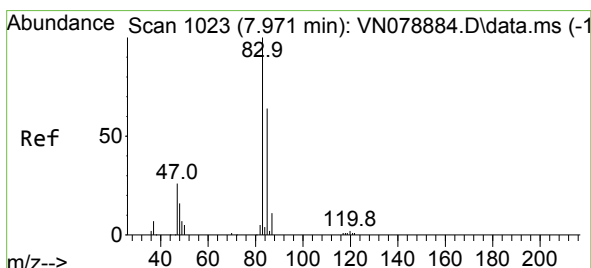
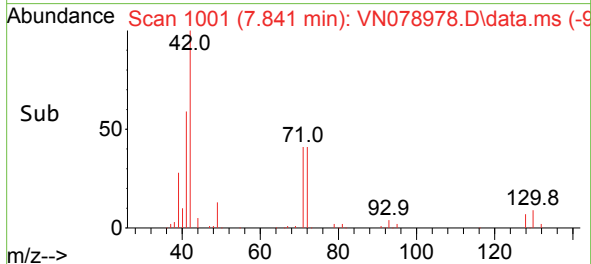
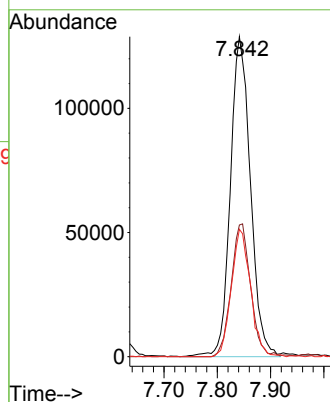
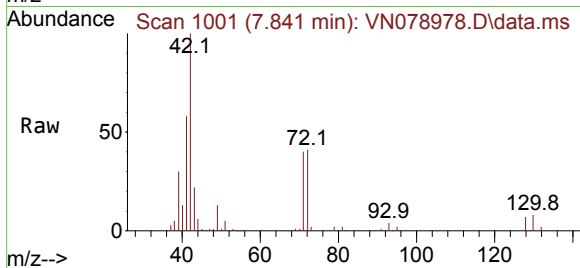
Tgt Ion: 42 Resp: 337269

Ion Ratio Lower Upper

42 100

72 40.2 49.8 74.6#

71 37.9 47.4 71.2#



#30

Chloroform

Concen: 58.700 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078978.D

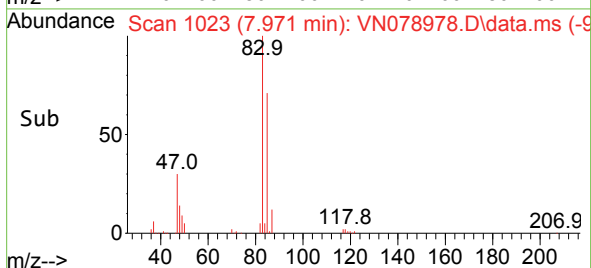
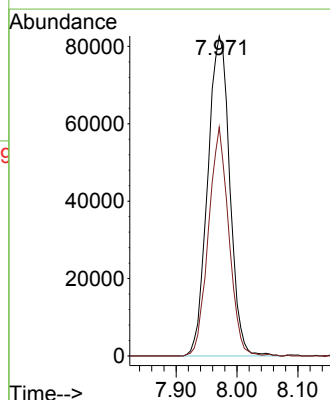
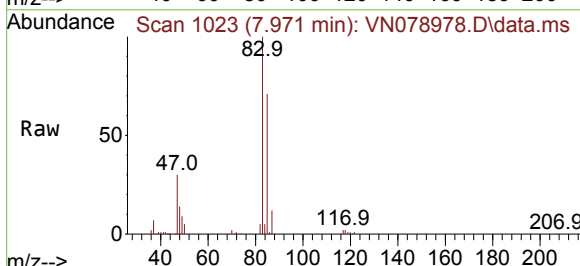
Acq: 21 Aug 2023 17:34

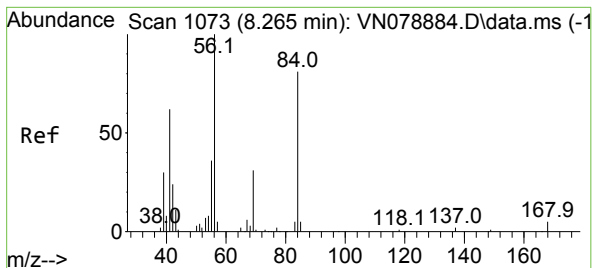
Tgt Ion: 83 Resp: 208484

Ion Ratio Lower Upper

83 100

85 71.5 55.4 83.0





#31

Cyclohexane

Concen: 35.680 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

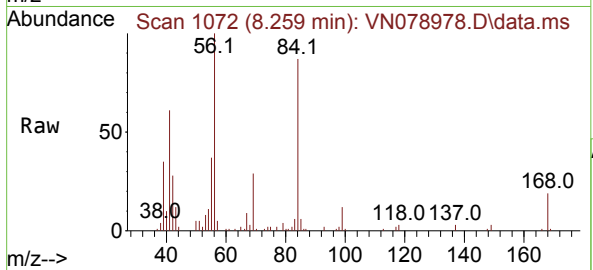
Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :



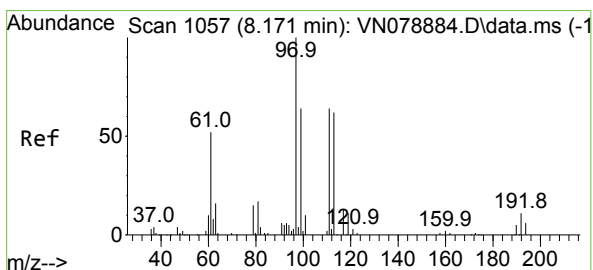
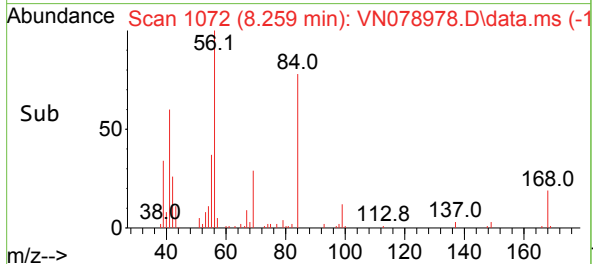
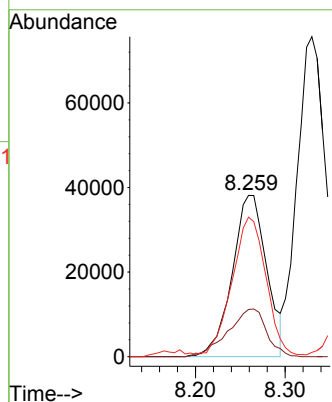
Tgt Ion: 56 Resp: 101796

Ion Ratio Lower Upper

56 100

69 29.2 26.8 40.2

84 82.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.464 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

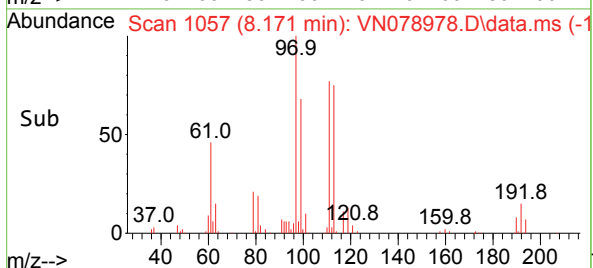
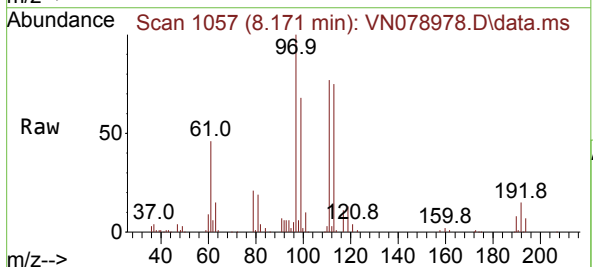
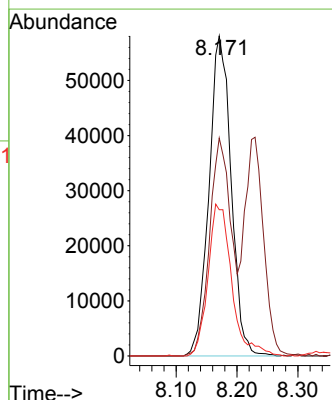
Tgt Ion: 97 Resp: 146771

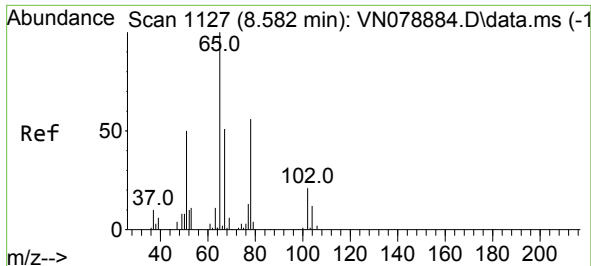
Ion Ratio Lower Upper

97 100

99 66.0 50.3 75.5

61 50.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 64.624 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

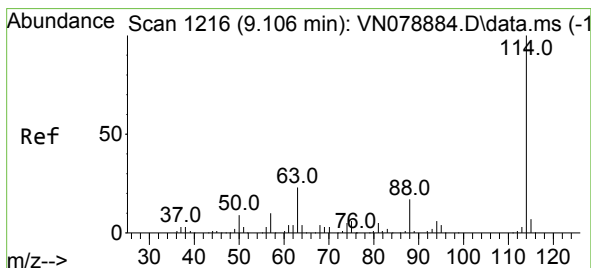
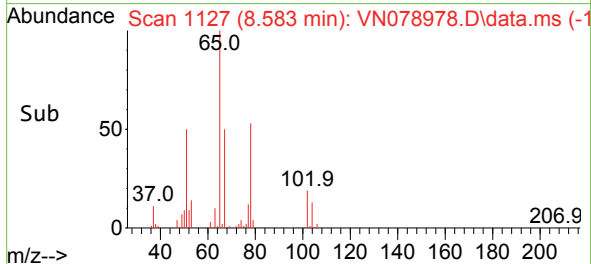
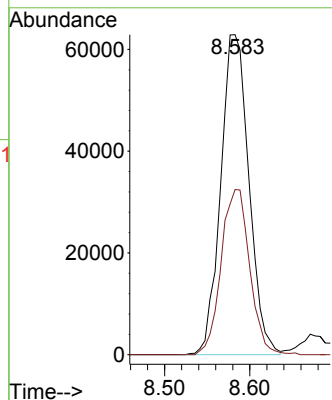
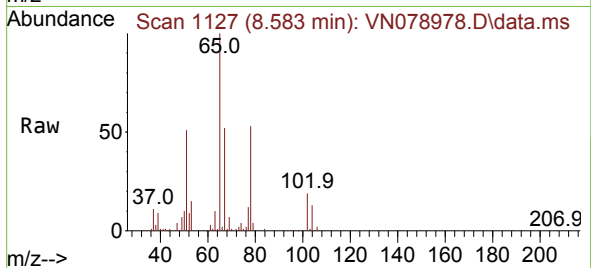
ClientSampleId :

Tgt Ion: 65 Resp: 144771

Ion Ratio Lower Upper

65 100

67 52.2 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: VN078978.D

Acq: 21 Aug 2023 17:34

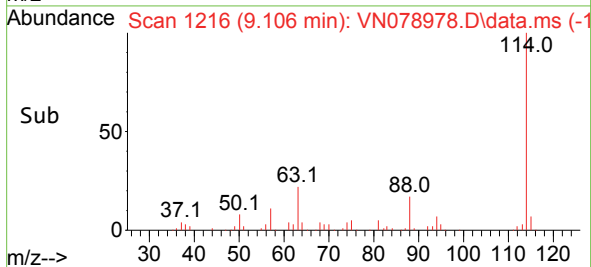
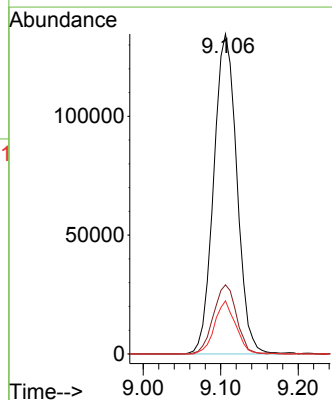
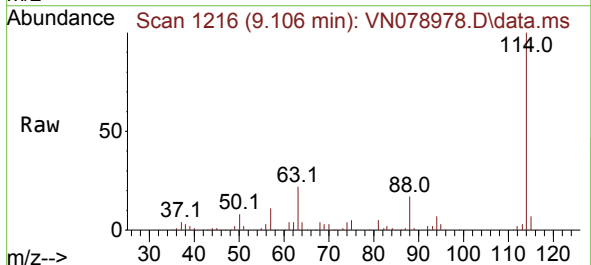
Tgt Ion: 114 Resp: 279593

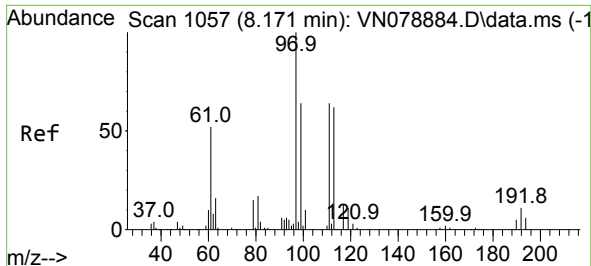
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

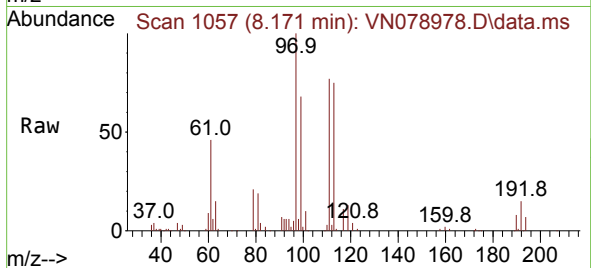
88 16.6 0.0 30.6



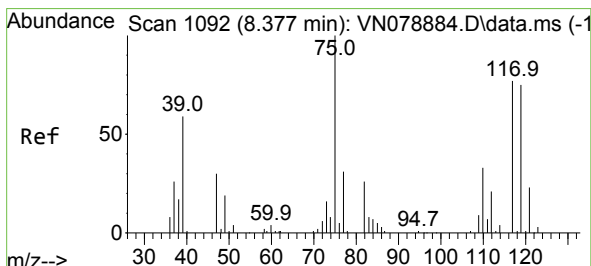
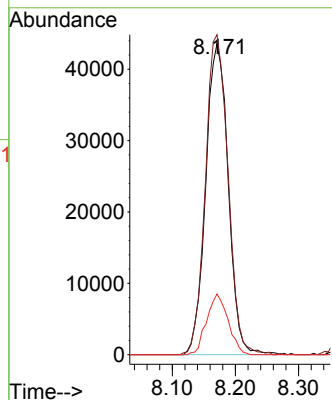
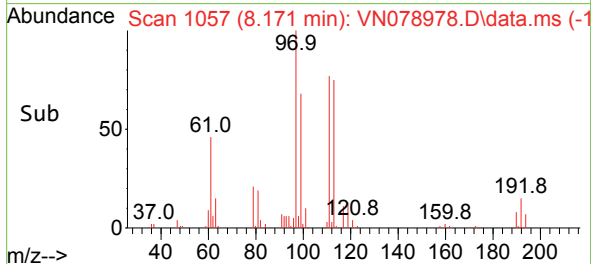


#35
Dibromofluoromethane
Concen: 57.396 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

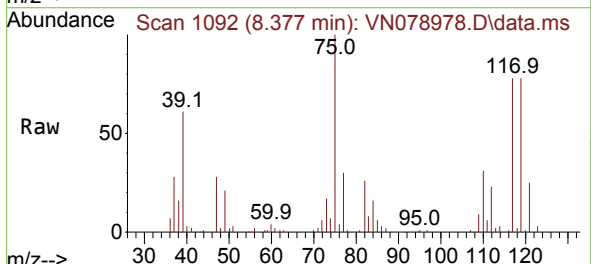
Instrument :
MSVOA_N
ClientSampleId :



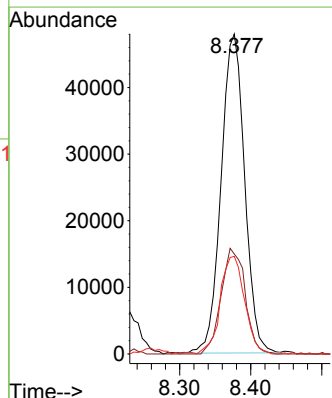
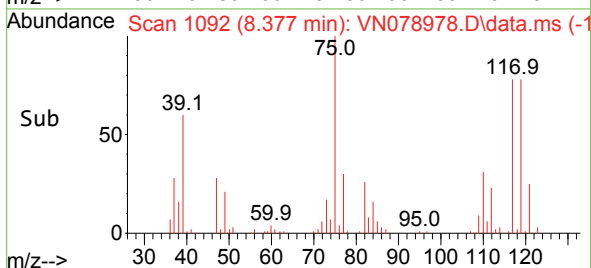
Tgt Ion:113 Resp: 108023
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.6 12.7 19.1

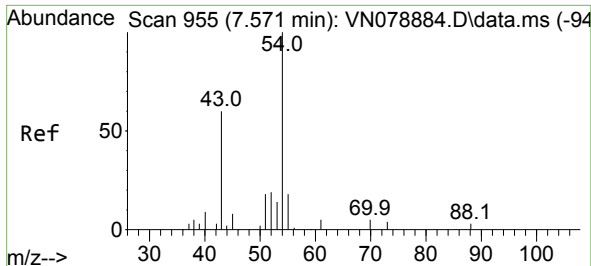


#36
1,1-Dichloropropene
Concen: 38.939 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34



Tgt Ion: 75 Resp: 110242
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 65.415 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

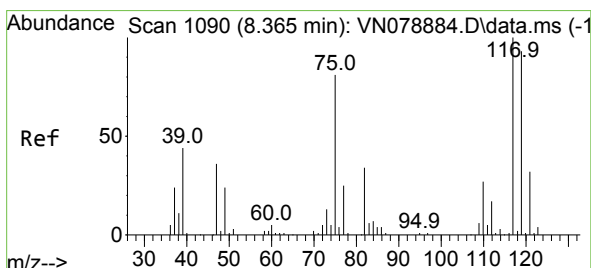
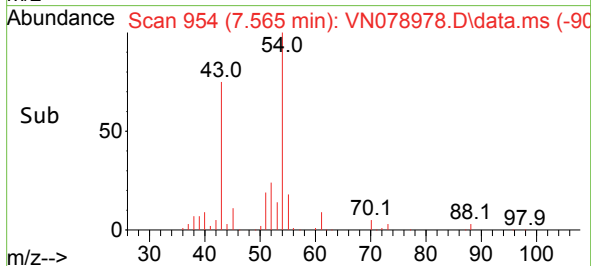
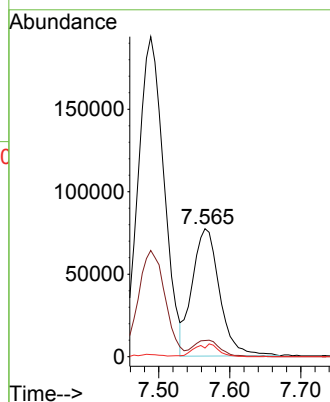
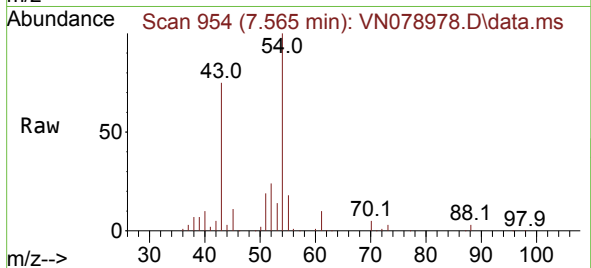
Tgt Ion: 43 Resp: 207209

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 8.8 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 40.690 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

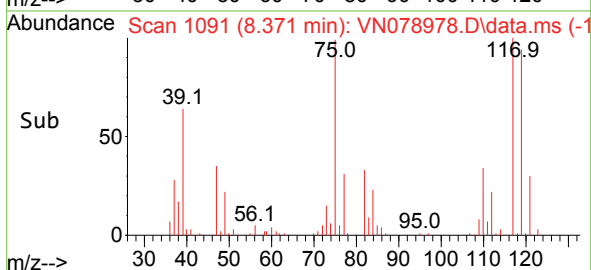
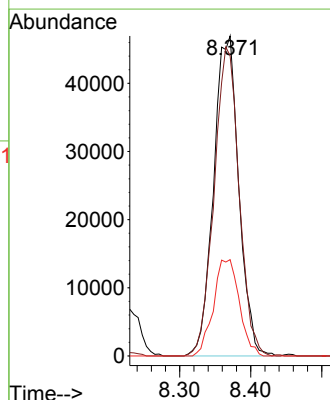
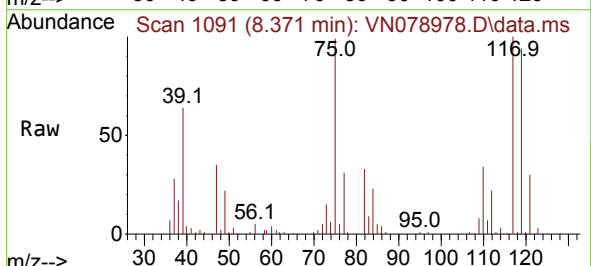
Tgt Ion: 117 Resp: 115427

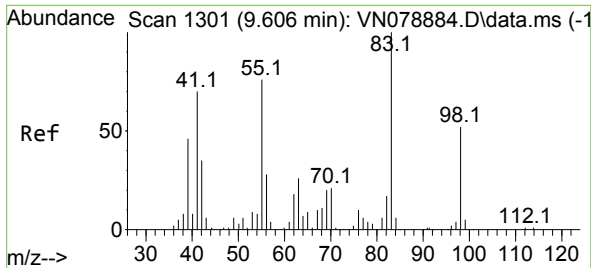
Ion Ratio Lower Upper

117 100

119 93.8 77.3 115.9

121 30.1 23.3 34.9

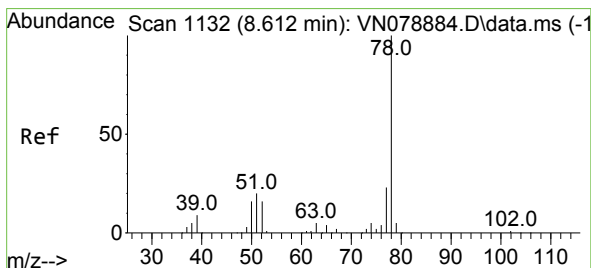
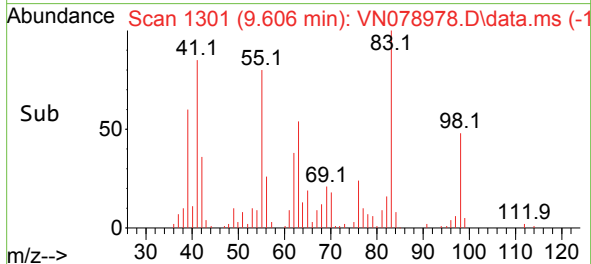
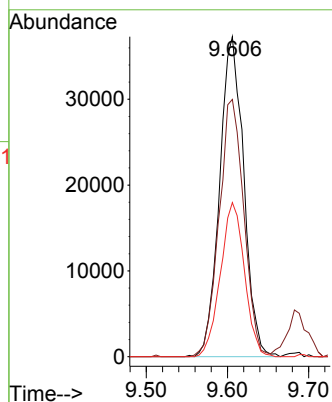
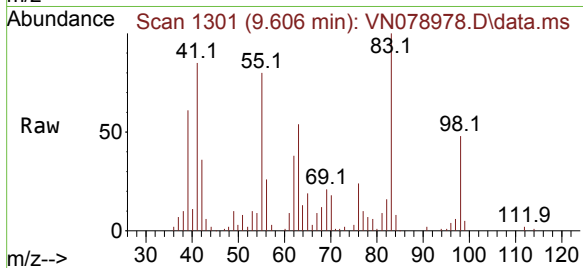




#39
Methylcyclohexane
Concen: 29.506 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

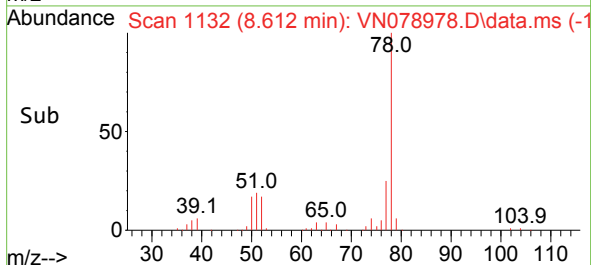
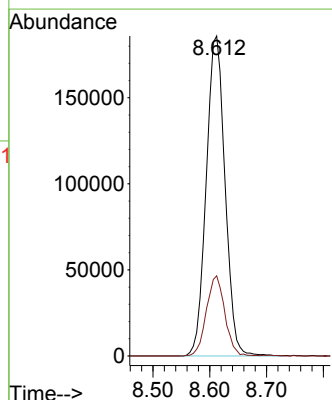
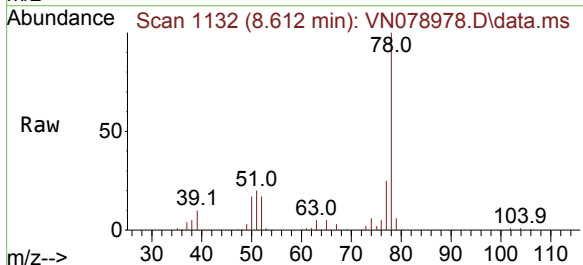
Instrument :
MSVOA_N
ClientSampleId :

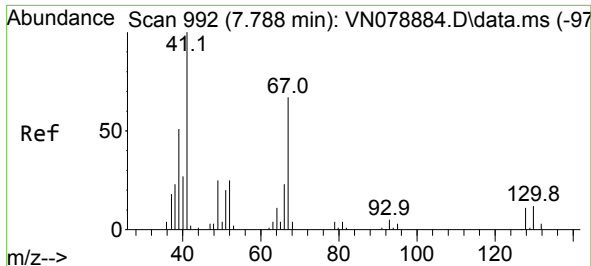
Tgt Ion: 83 Resp: 76826
Ion Ratio Lower Upper
83 100
55 80.4 49.1 73.7#
98 48.1 40.6 61.0



#40
Benzene
Concen: 50.961 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 78 Resp: 426448
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6

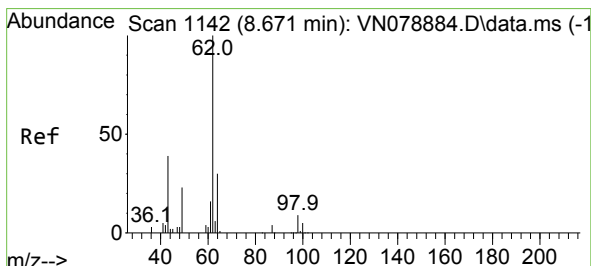
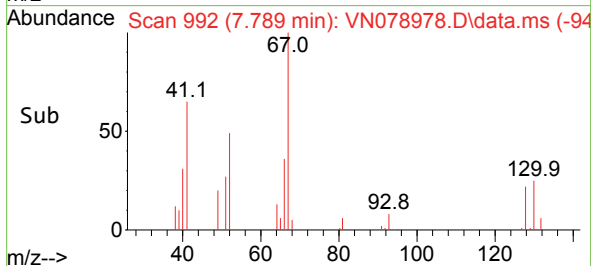
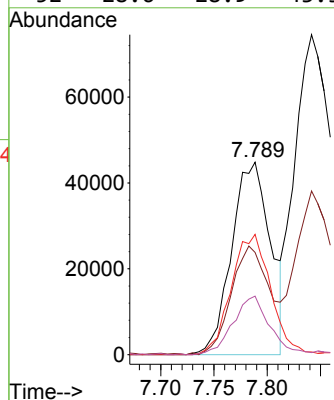
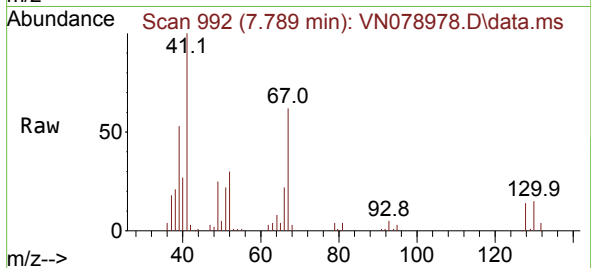




#41
Methacrylonitrile
Concen: 66.041 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

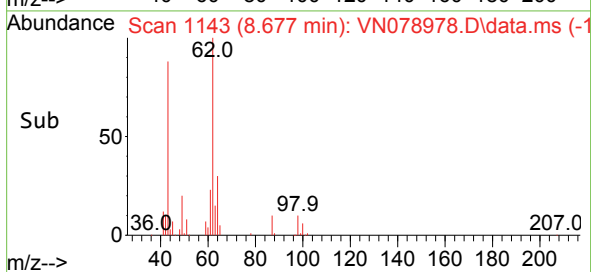
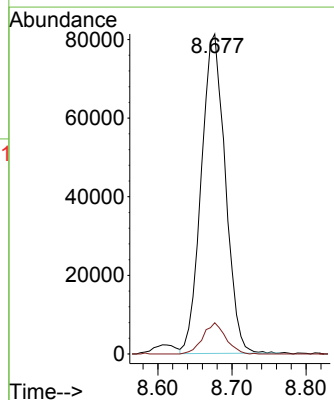
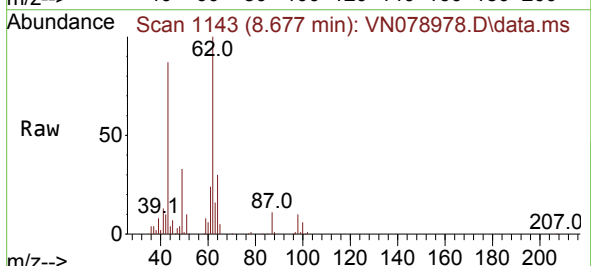
Instrument :
MSVOA_N
ClientSampleId :

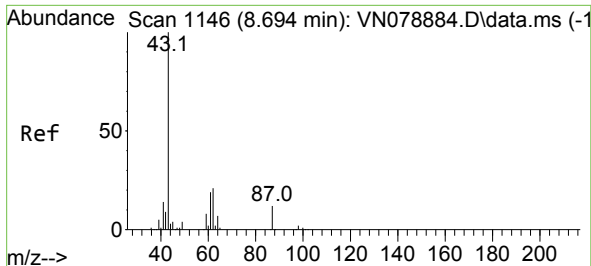
Tgt Ion:	41	Resp:	113934
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.6	64.0
67	63.5	77.5	116.3#
52	28.6	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 58.509 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

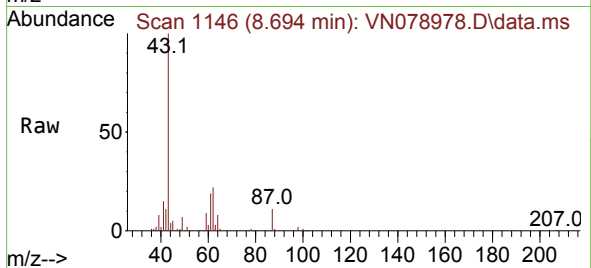
Tgt Ion:	62	Resp:	182918
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8



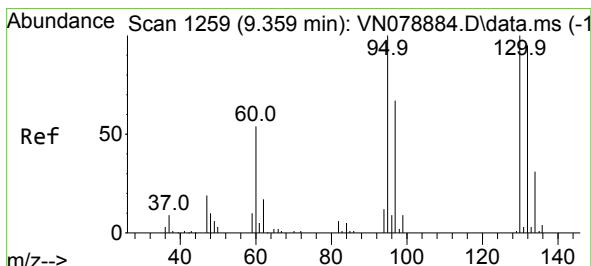
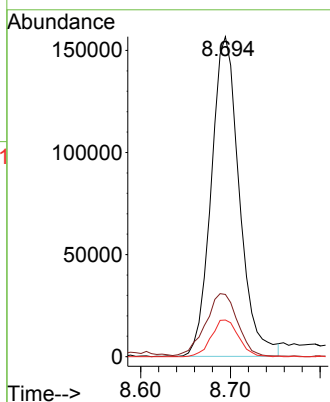
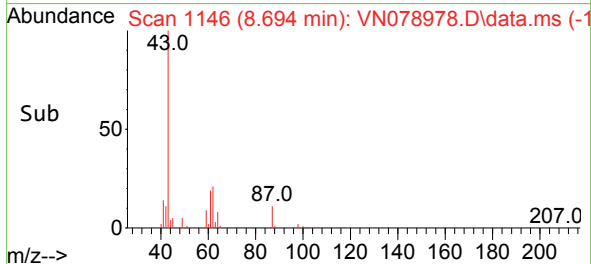


#43
Isopropyl Acetate
Concen: 60.894 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

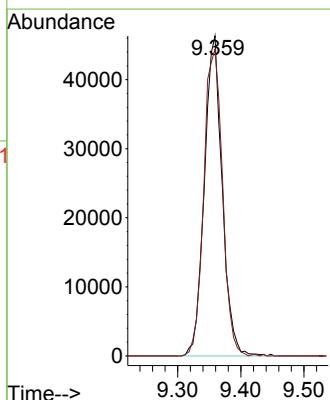
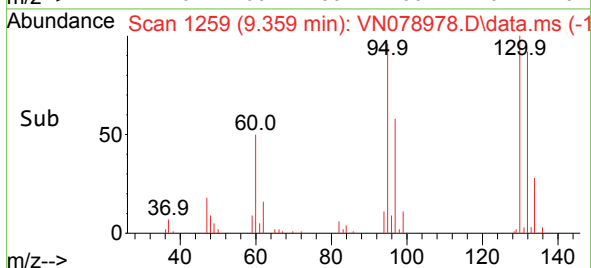
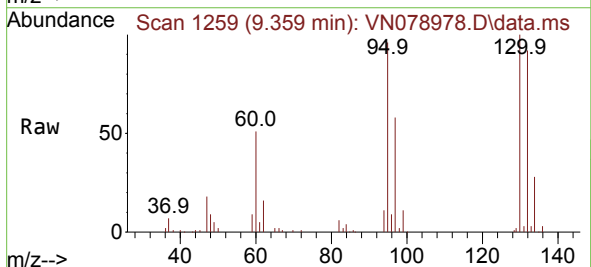


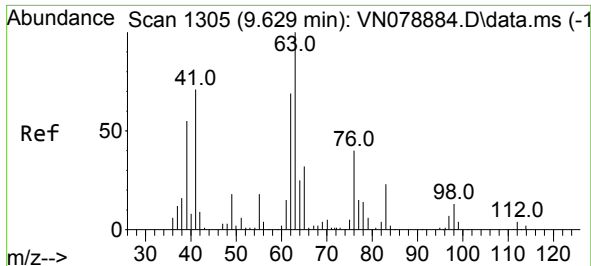
Tgt Ion: 43 Resp: 340929
Ion Ratio Lower Upper
43 100
61 22.8 24.7 37.1#
87 11.2 14.6 21.8#



#44
Trichloroethene
Concen: 45.682 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:130 Resp: 90832
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.784 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

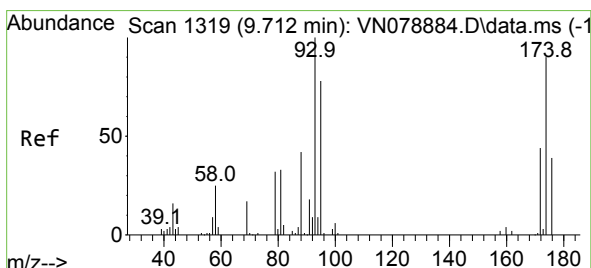
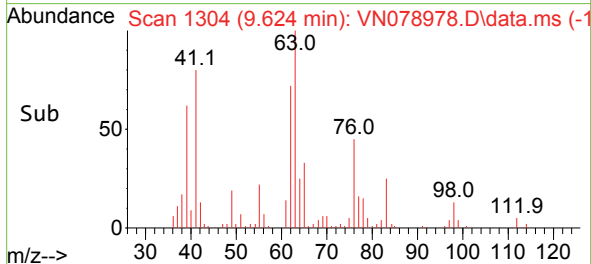
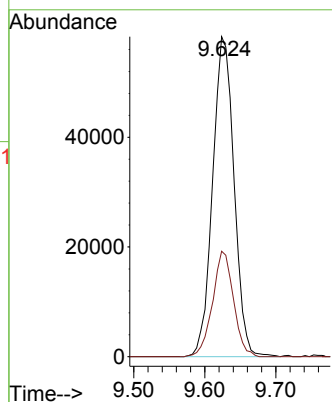
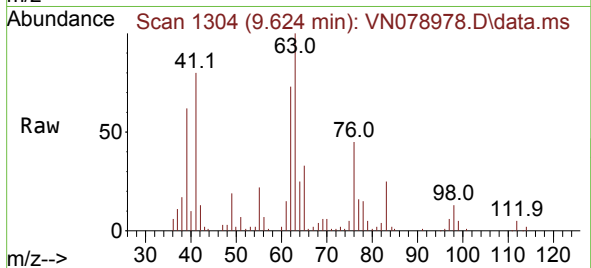
ClientSampleId :

Tgt Ion: 63 Resp: 122056

Ion Ratio Lower Upper

63 100

65 32.9 23.9 35.9



#46

Dibromomethane

Concen: 59.637 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

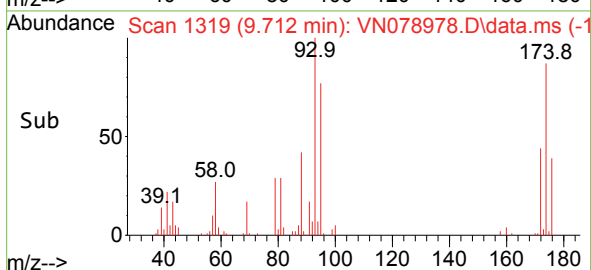
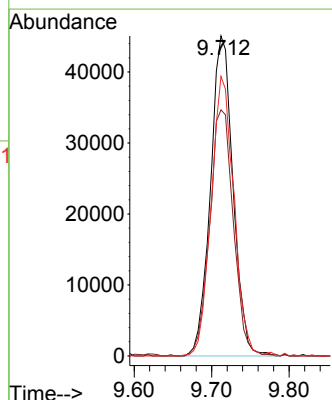
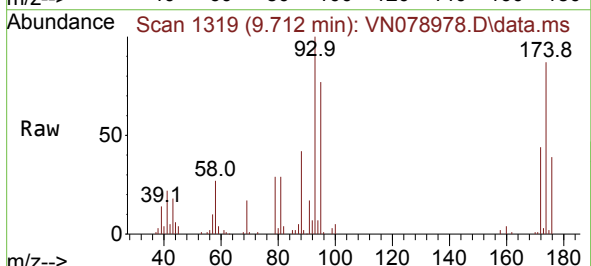
Tgt Ion: 93 Resp: 91135

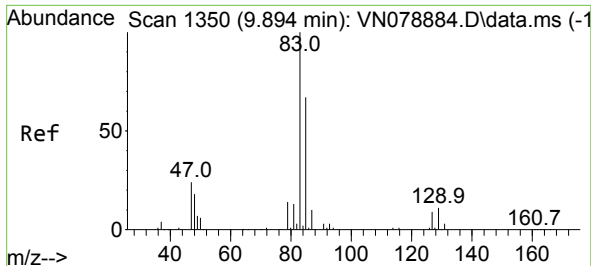
Ion Ratio Lower Upper

93 100

95 80.8 63.8 95.8

174 88.0 65.6 98.4

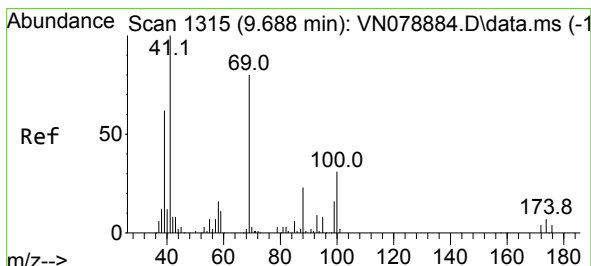
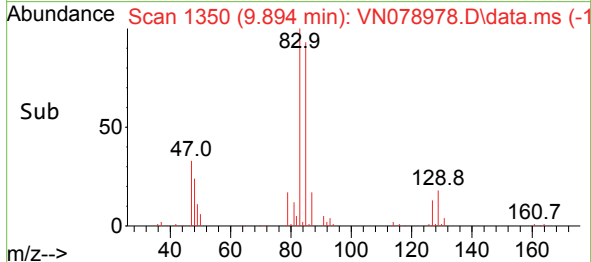
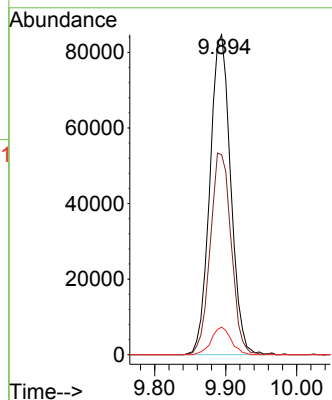
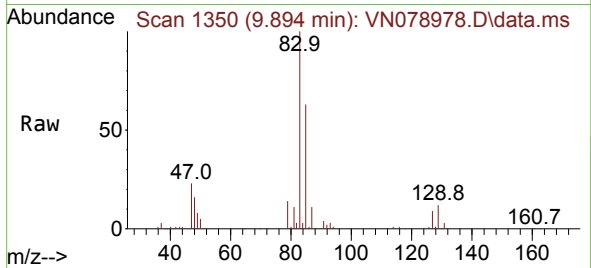




#47
Bromodichloromethane
Concen: 56.998 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

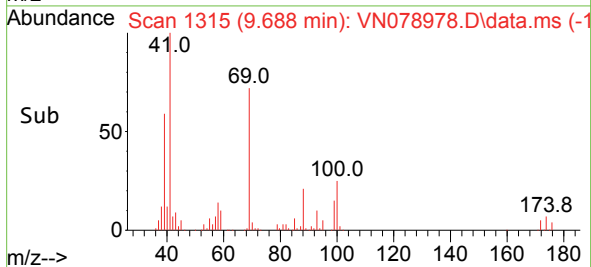
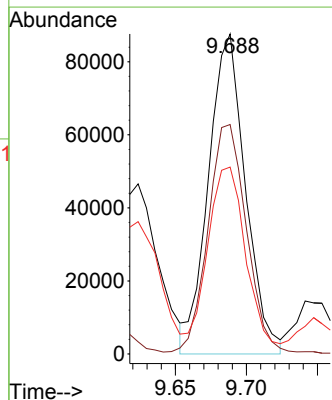
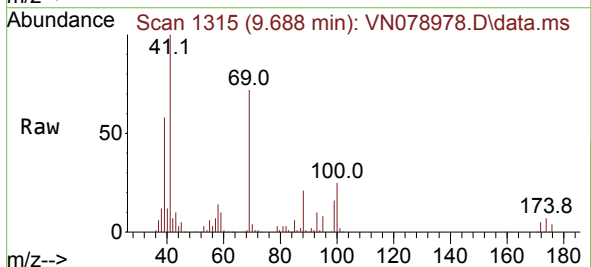
Instrument :
MSVOA_N
ClientSampleId :

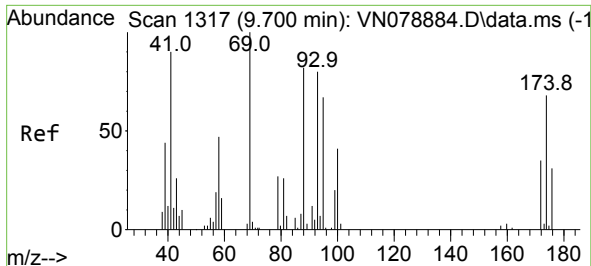
Tgt Ion: 83 Resp: 171995
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 62.568 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 41 Resp: 158740
Ion Ratio Lower Upper
41 100
69 74.6 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1397.100 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

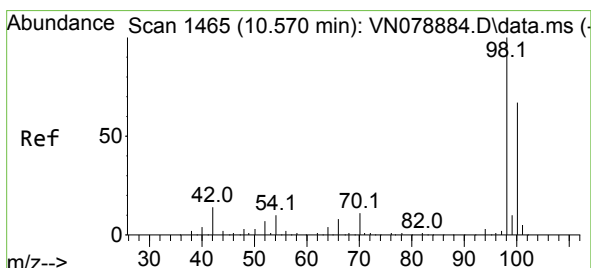
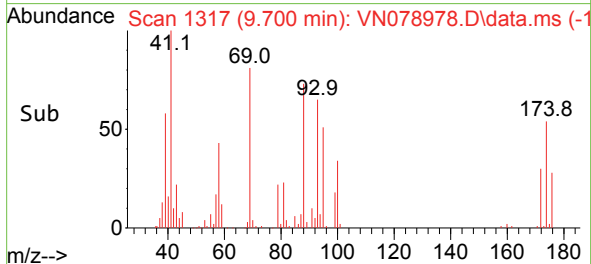
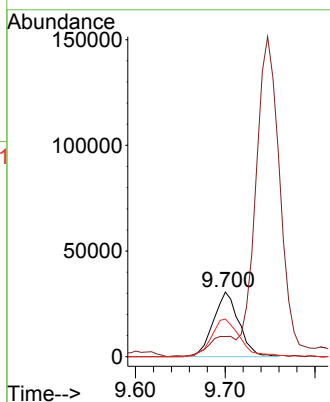
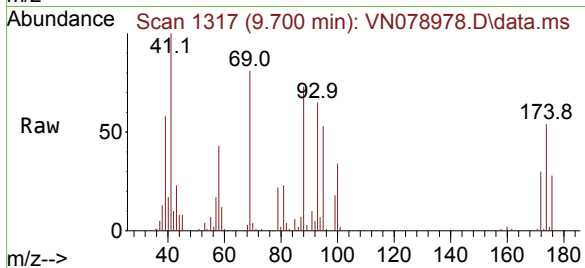
Tgt Ion: 88 Resp: 60374

Ion Ratio Lower Upper

88 100

43 34.5 17.0 25.6#

58 65.9 47.0 70.4



#50

Toluene-d8

Concen: 47.044 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078978.D

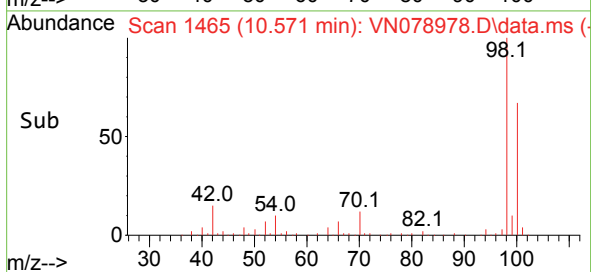
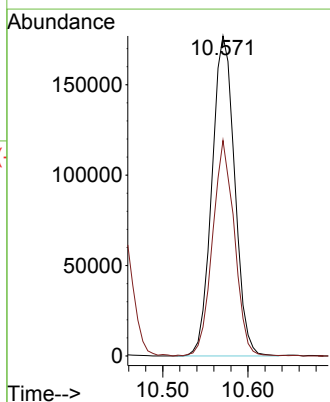
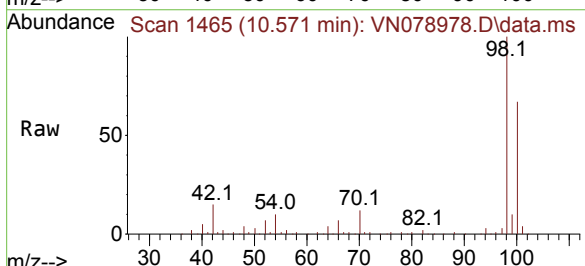
Acq: 21 Aug 2023 17:34

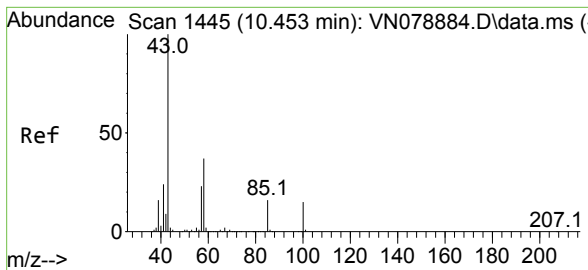
Tgt Ion: 98 Resp: 328758

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

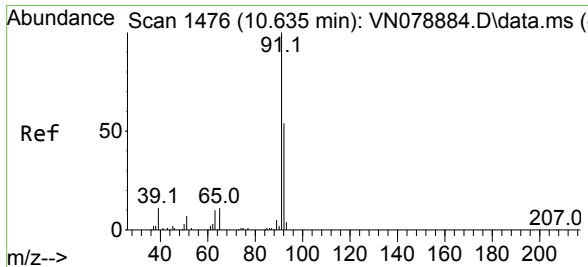
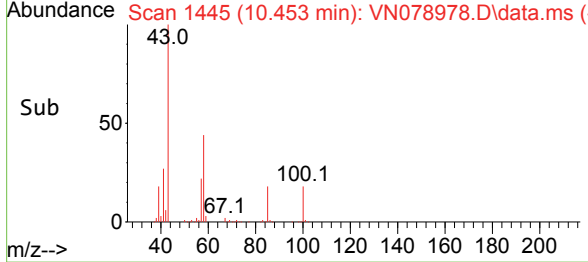
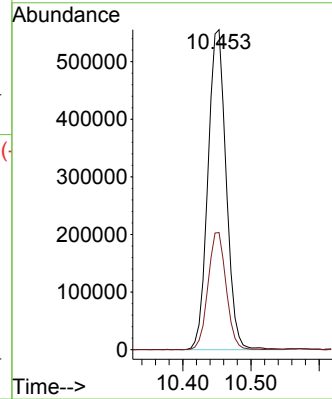
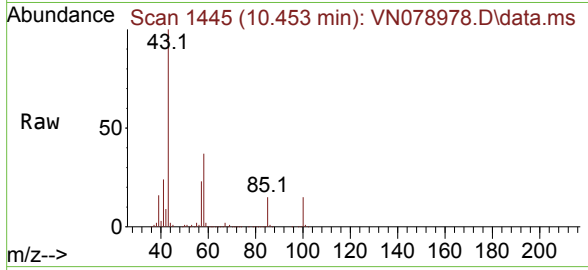




#51
4-Methyl-2-Pentanone
Concen: 311.222 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

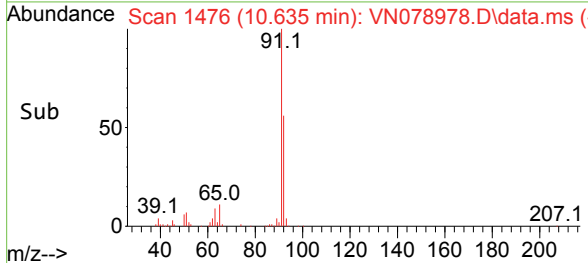
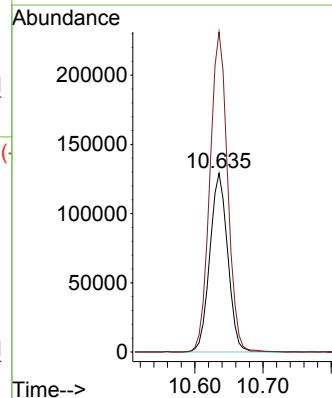
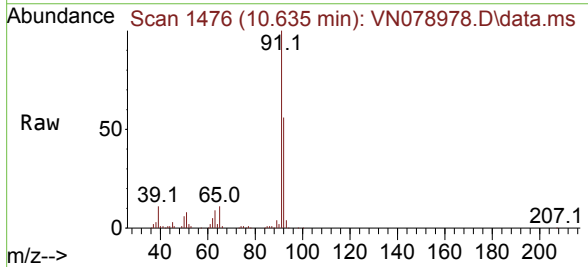
Instrument :
MSVOA_N
ClientSampleId :

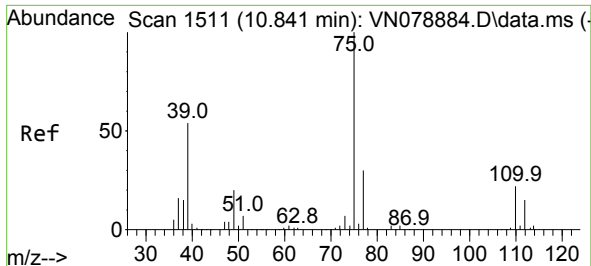
Tgt Ion: 43 Resp: 1033453
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8#



#52
Toluene
Concen: 45.759 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 92 Resp: 235098
Ion Ratio Lower Upper
92 100
91 178.0 137.4 206.0

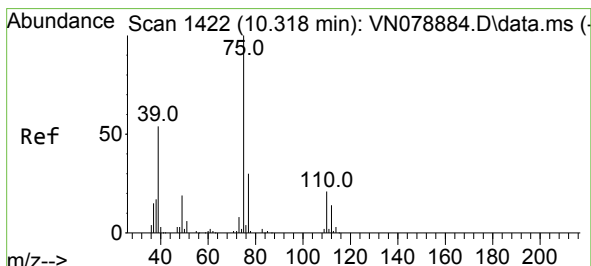
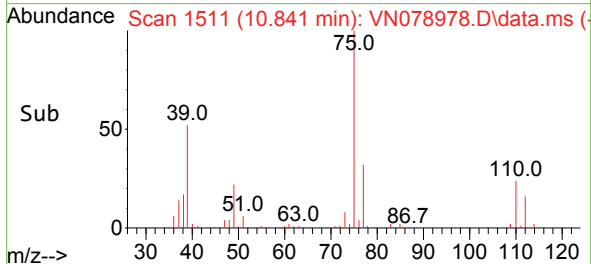
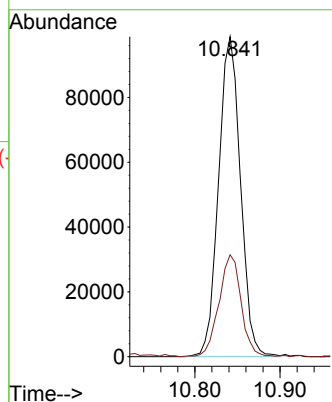
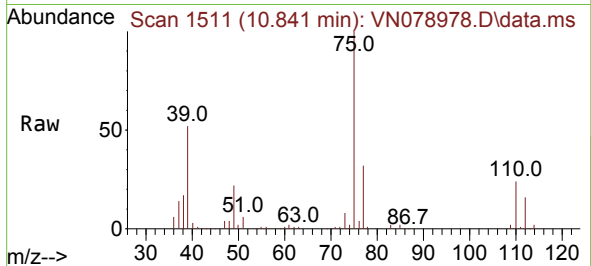




#53
 t-1,3-Dichloropropene
 Concen: 54.474 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

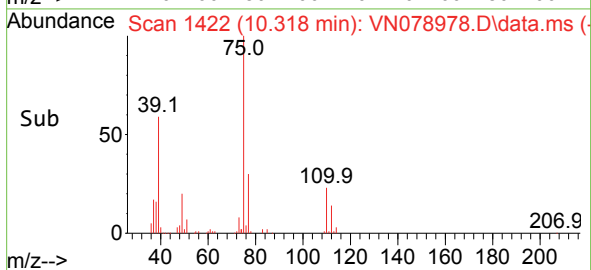
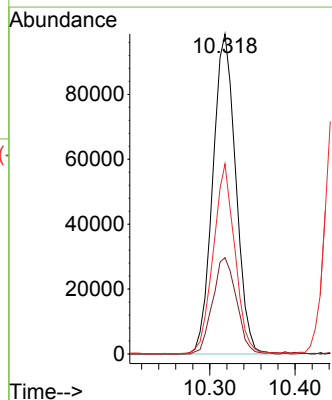
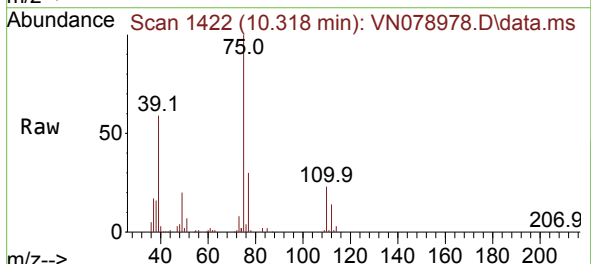
Instrument :
 MSVOA_N
 ClientSampleId :

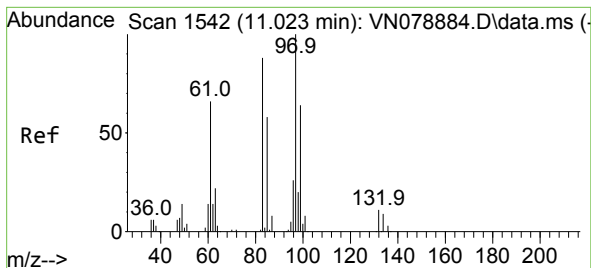
Tgt Ion: 75 Resp: 176280
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.393 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

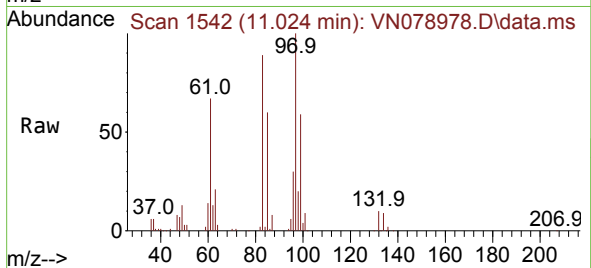
Tgt Ion: 75 Resp: 184654
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.1 39.1
 39 59.3 31.6 47.4#



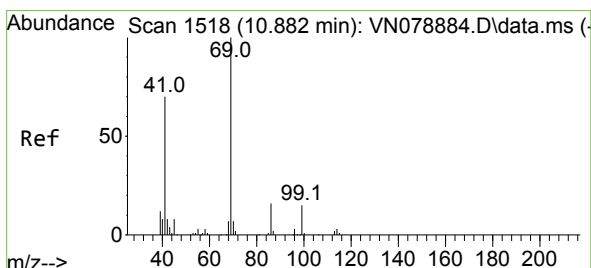
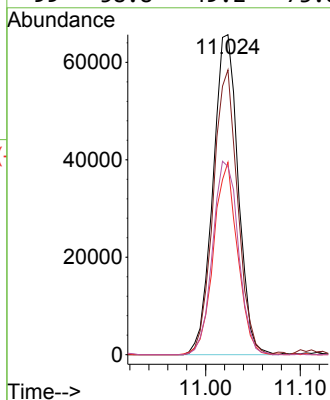
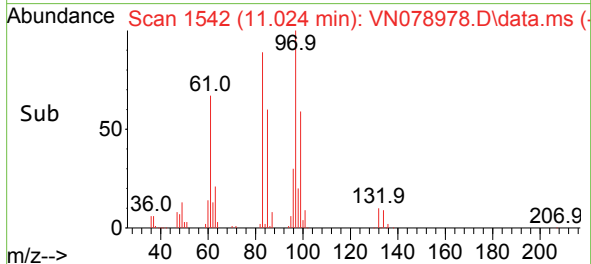


#55
1,1,2-Trichloroethane
Concen: 59.044 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

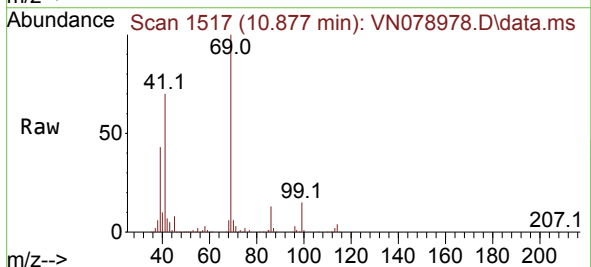
Instrument :
MSVOA_N
ClientSampleId :



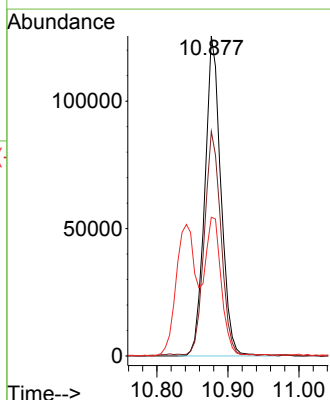
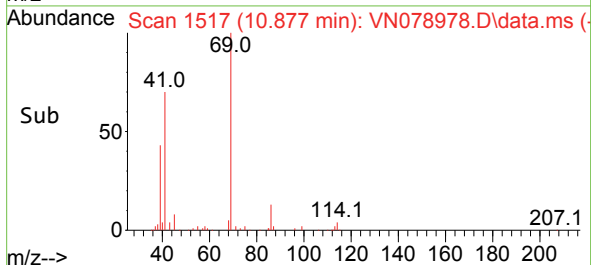
Tgt Ion: 97 Resp: 121632
Ion Ratio Lower Upper
97 100
83 89.0 65.1 97.7
85 60.1 43.4 65.2
99 58.8 49.2 73.8

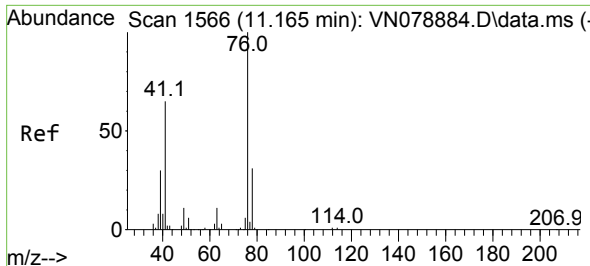


#56
Ethyl methacrylate
Concen: 61.892 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34



Tgt Ion: 69 Resp: 197642
Ion Ratio Lower Upper
69 100
41 71.9 39.6 59.4#
39 43.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 56.708 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

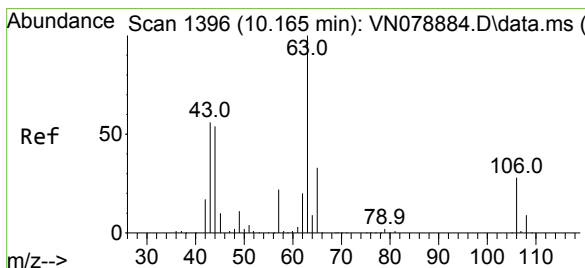
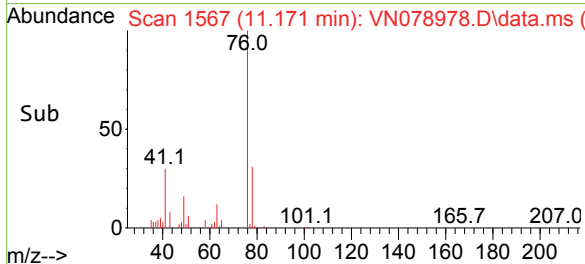
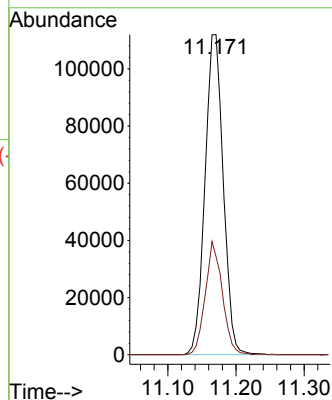
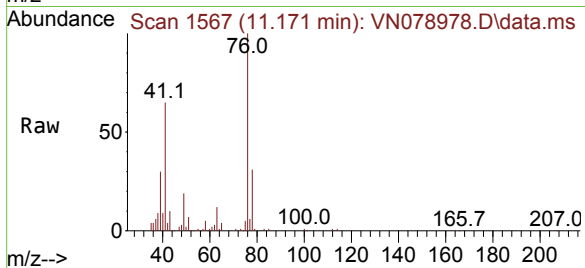
ClientSampleId :

Tgt Ion: 76 Resp: 208949

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 281.054 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078978.D

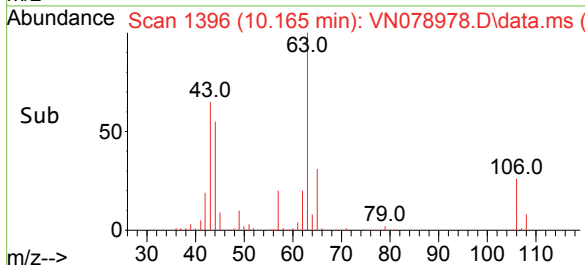
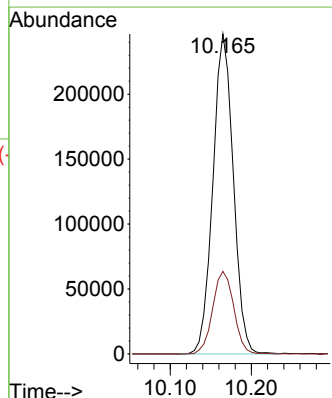
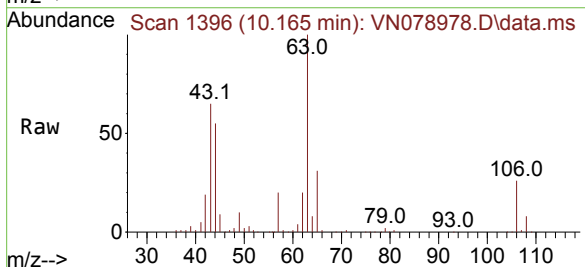
Acq: 21 Aug 2023 17:34

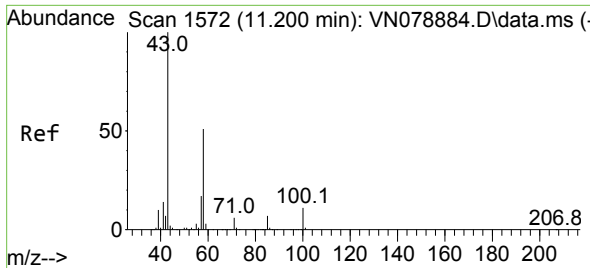
Tgt Ion: 63 Resp: 430823

Ion Ratio Lower Upper

63 100

106 26.6 26.2 39.4

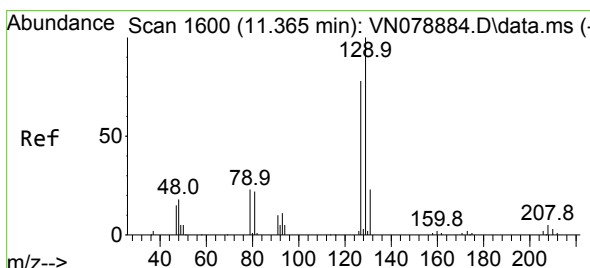
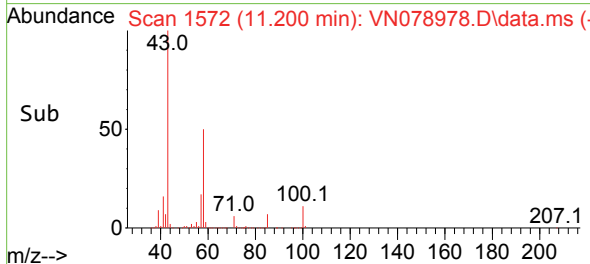
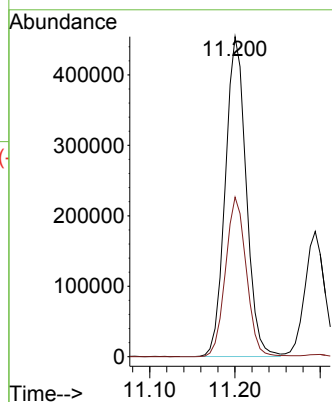
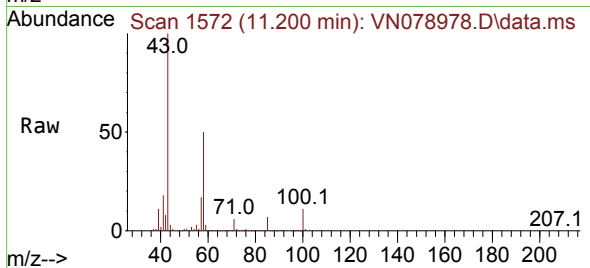




#59
2-Hexanone
Concen: 321.122 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

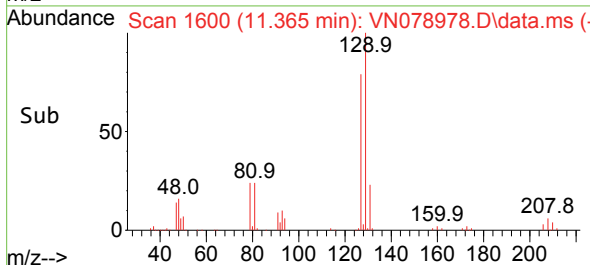
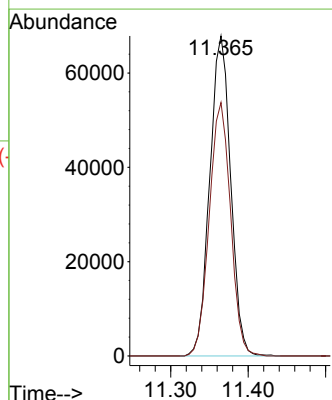
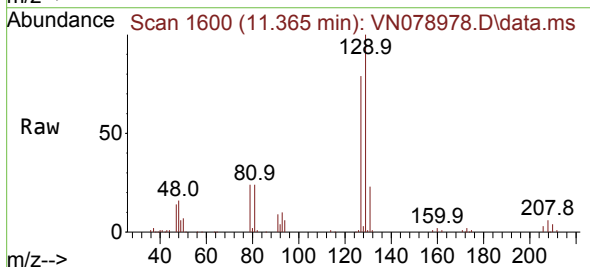
Instrument :
MSVOA_N
ClientSampleId :

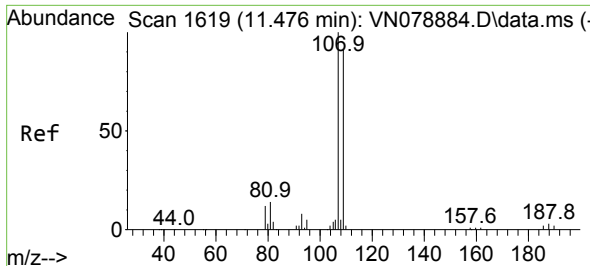
Tgt Ion: 43 Resp: 772341
Ion Ratio Lower Upper
43 100
58 49.8 31.7 95.1



#60
Dibromochloromethane
Concen: 58.694 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:129 Resp: 127236
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0

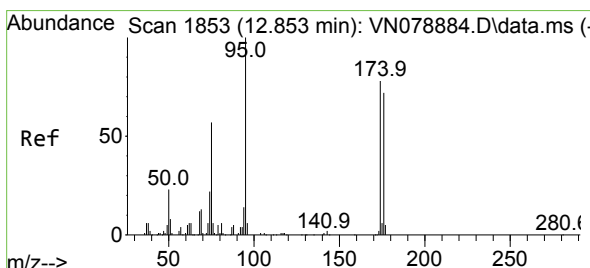
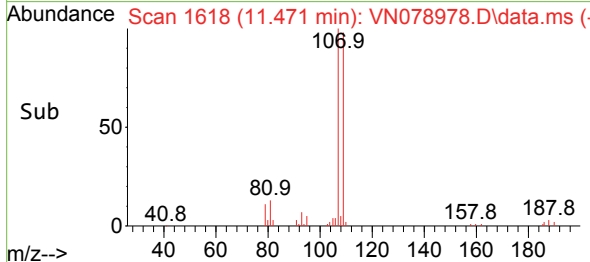
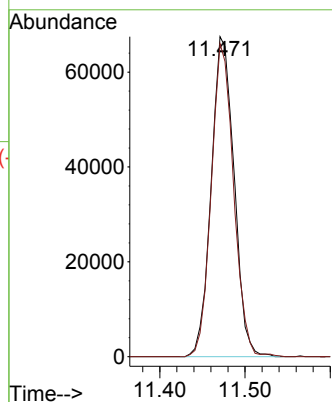
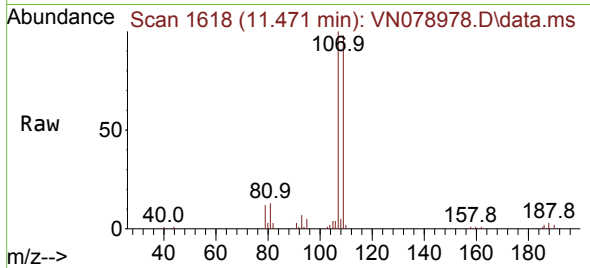




#61
1,2-Dibromoethane
Concen: 60.027 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

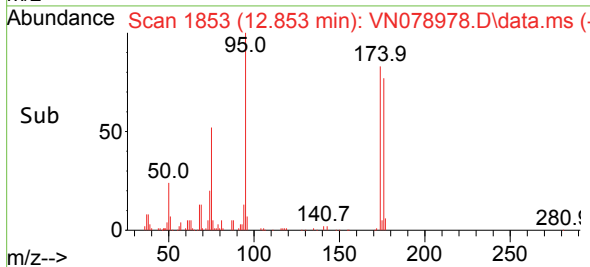
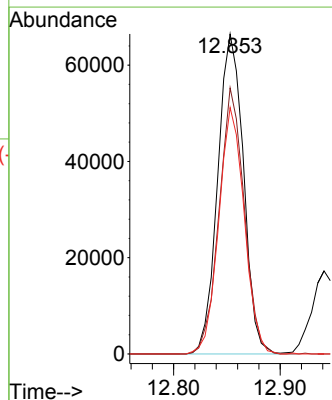
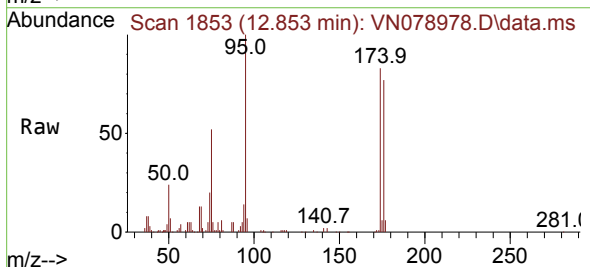
Instrument :
MSVOA_N
ClientSampleId :

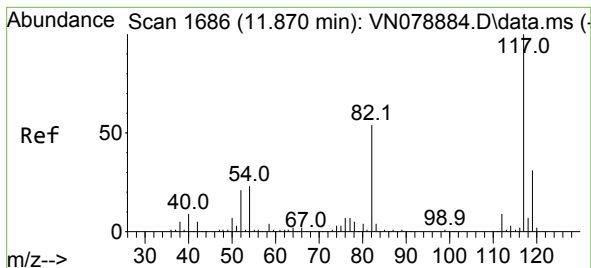
Tgt Ion:107 Resp: 125662
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.716 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 95 Resp: 111277
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 76.4 0.0 135.8

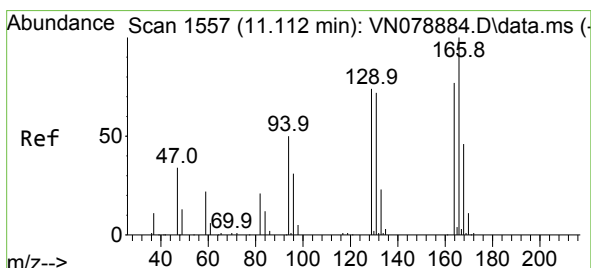
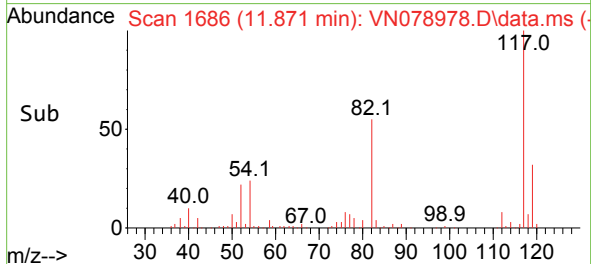
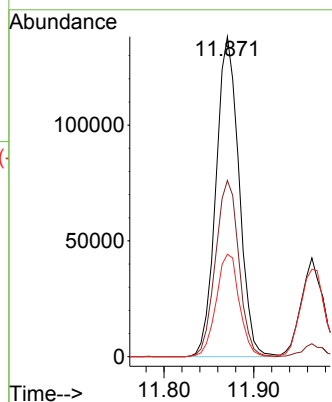
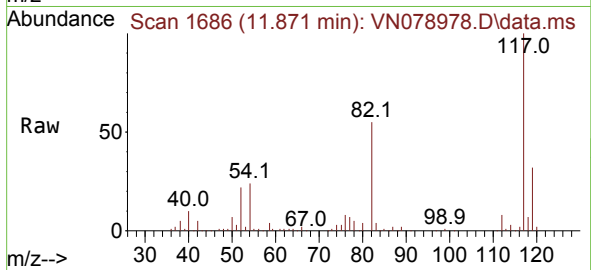




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

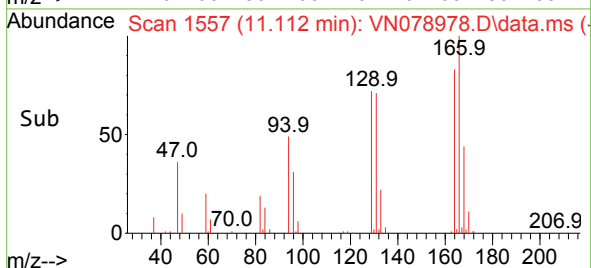
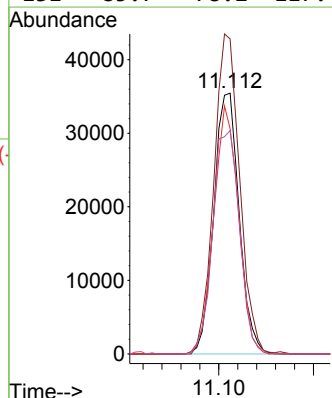
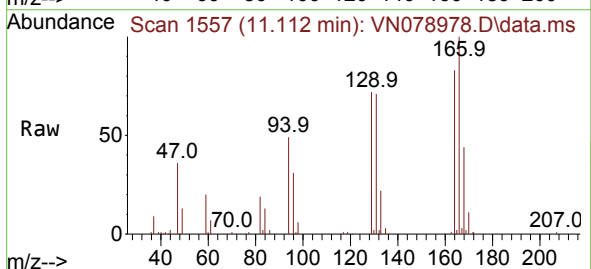
Instrument :
MSVOA_N
ClientSampleId :

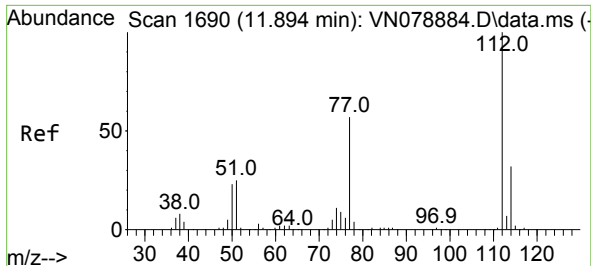
Tgt Ion:117 Resp: 246427
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 42.678 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:164 Resp: 65954
Ion Ratio Lower Upper
164 100
166 120.9 101.4 152.0
129 86.4 82.4 123.6
131 85.7 78.2 117.4

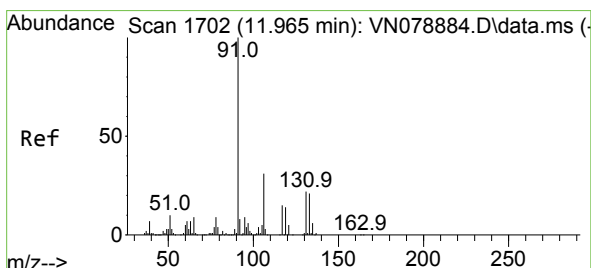
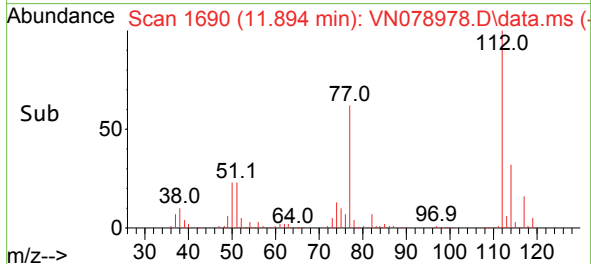
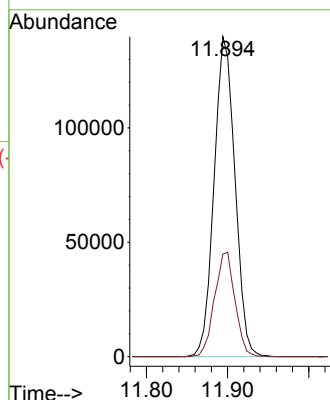
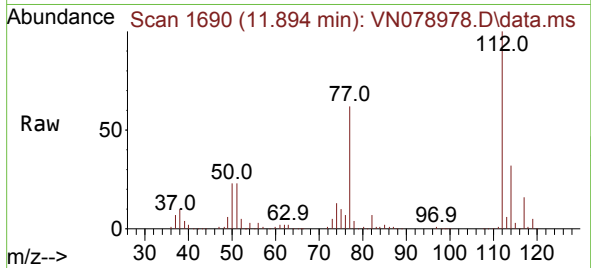




#65
Chlorobenzene
Concen: 47.681 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

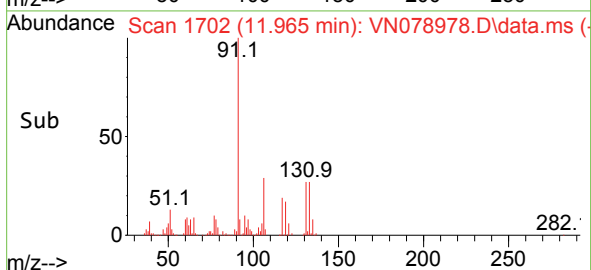
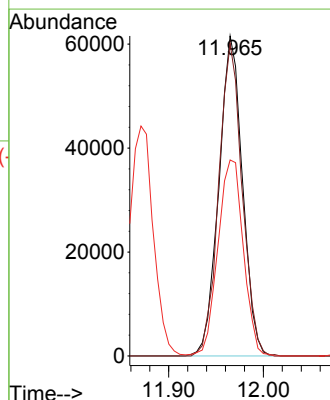
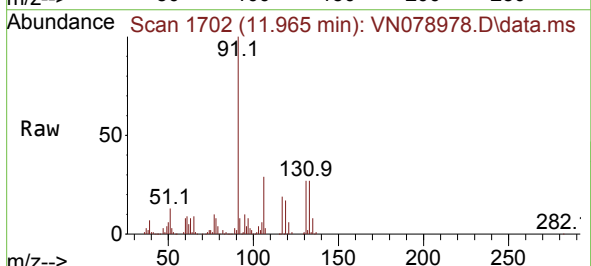
Instrument :
MSVOA_N
ClientSampleId :

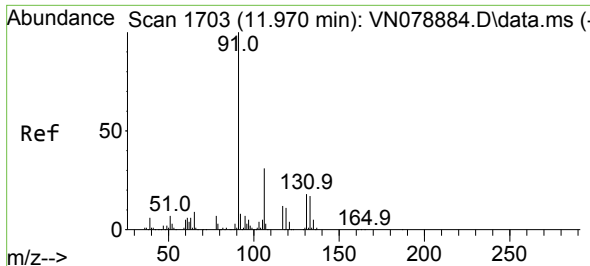
Tgt Ion:112 Resp: 250112
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.863 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:131 Resp: 106776
Ion Ratio Lower Upper
131 100
133 97.0 46.4 139.1
119 65.8 34.1 102.2

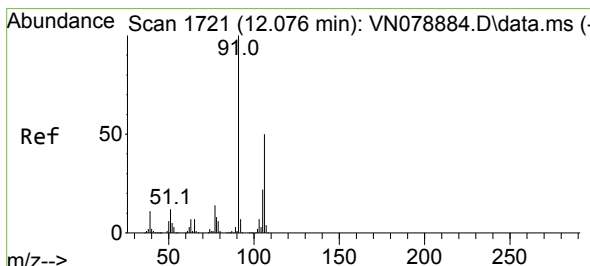
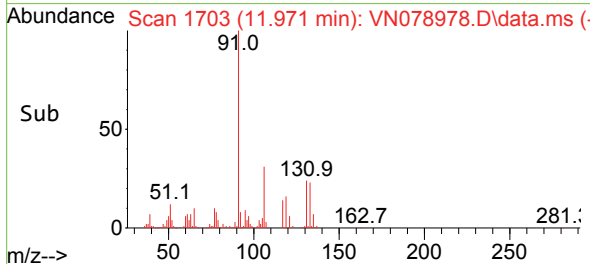
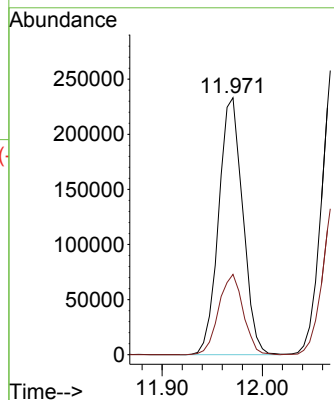
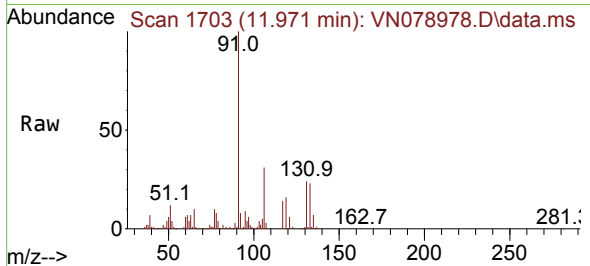




#67
Ethyl Benzene
Concen: 40.766 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

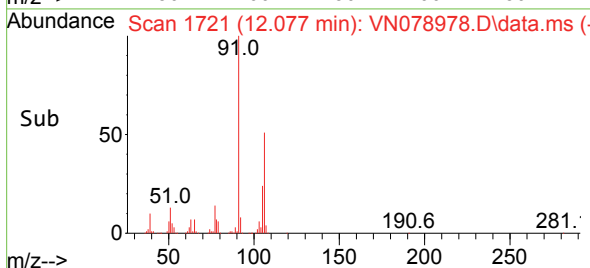
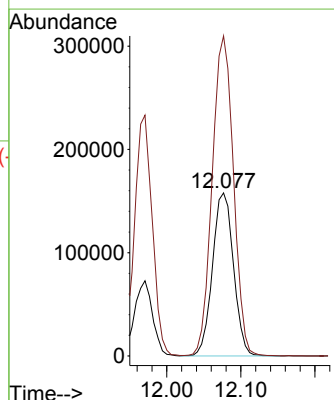
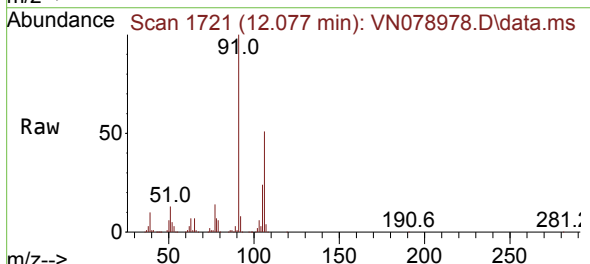
Instrument :
MSVOA_N
ClientSampleId :

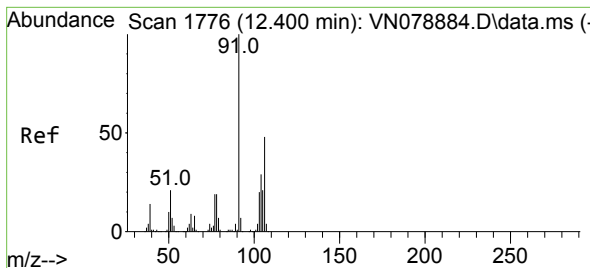
Tgt Ion: 91 Resp: 388874
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 87.147 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:106 Resp: 310811
Ion Ratio Lower Upper
106 100
91 198.5 159.6 239.4





#69

o-Xylene

Concen: 45.389 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

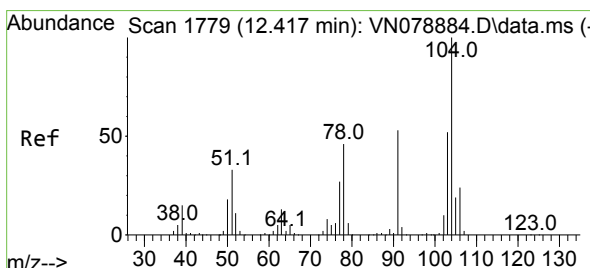
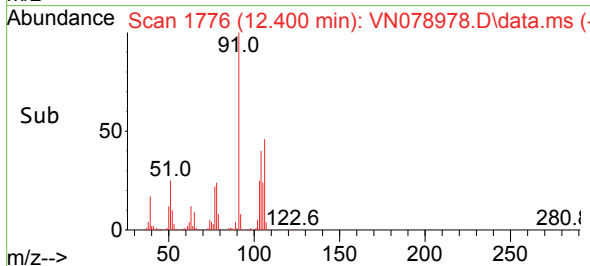
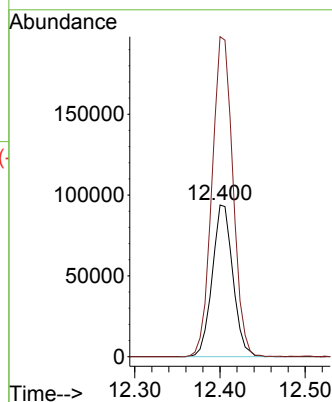
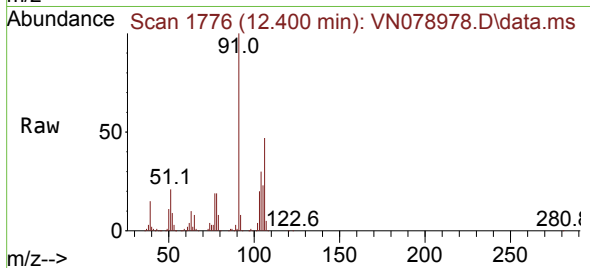
ClientSampleId :

Tgt Ion:106 Resp: 157474

Ion Ratio Lower Upper

106 100

91 214.6 105.2 315.5



#70

Styrene

Concen: 47.260 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

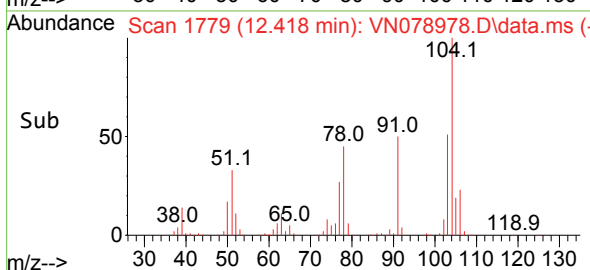
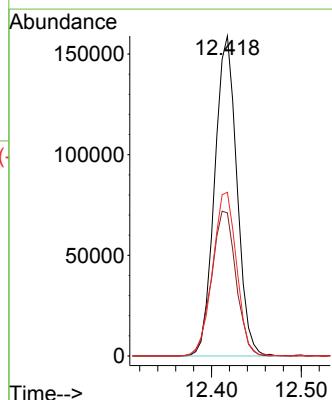
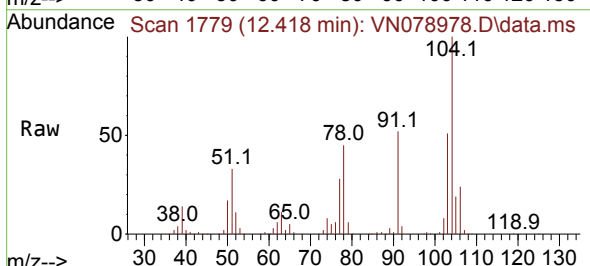
Tgt Ion:104 Resp: 273402

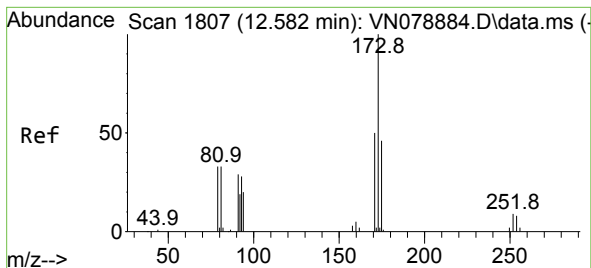
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 55.3 43.2 64.8





#71

Bromoform

Concen: 63.704 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

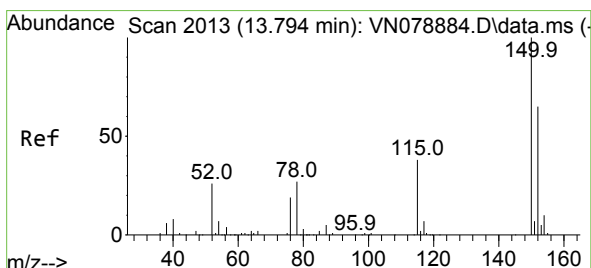
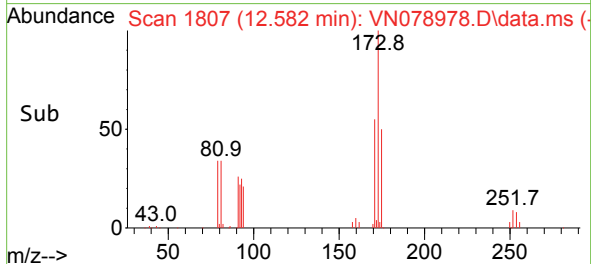
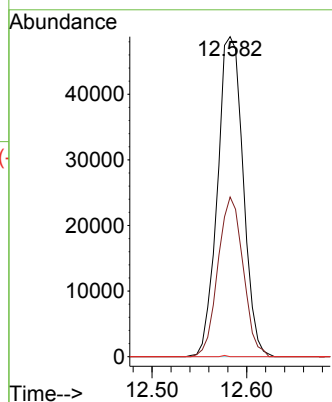
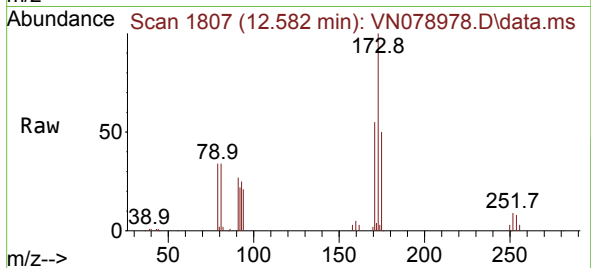
Tgt Ion:173 Resp: 91810

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.1 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: VN078978.D

Acq: 21 Aug 2023 17:34

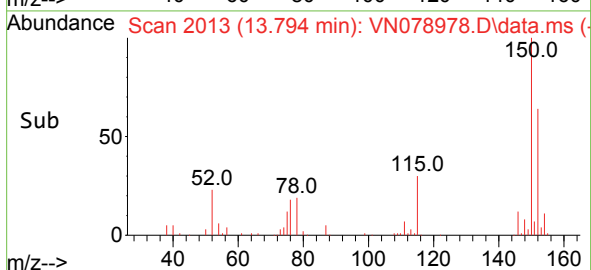
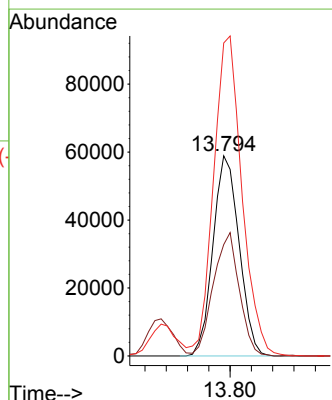
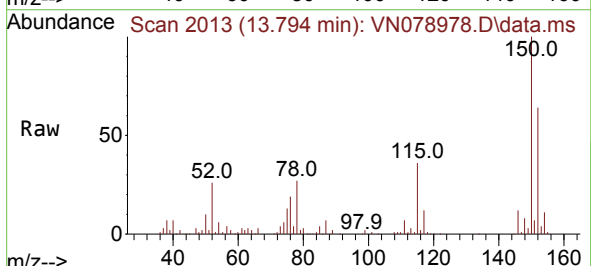
Tgt Ion:152 Resp: 100187

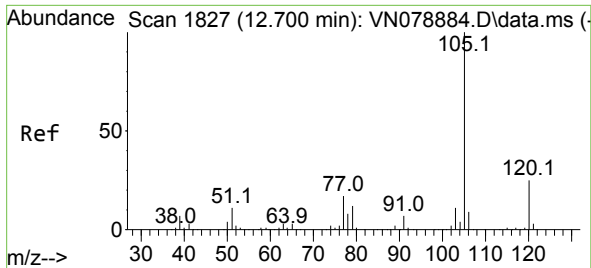
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 174.0 0.0 355.8

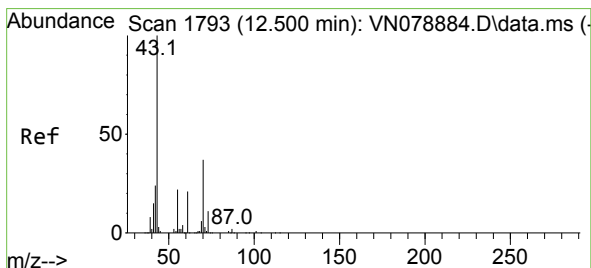
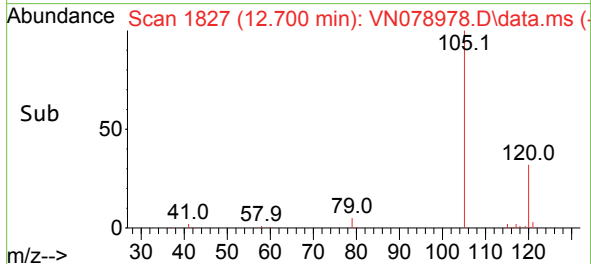
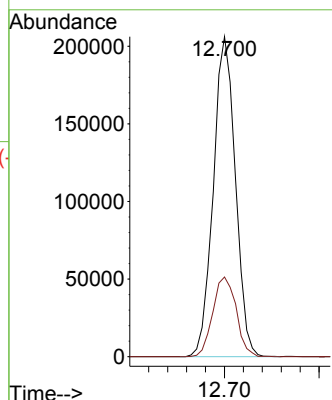
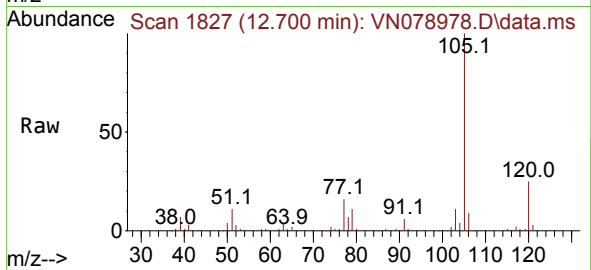




#73
Isopropylbenzene
Concen: 39.927 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

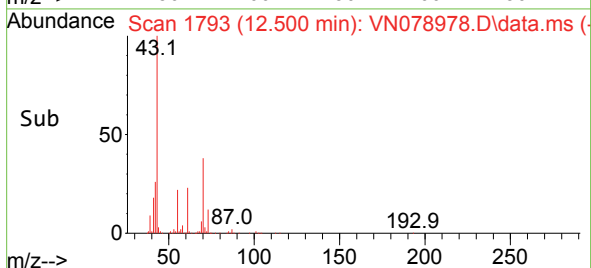
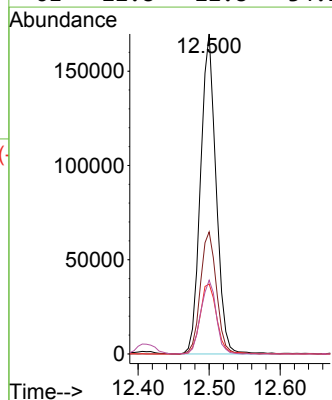
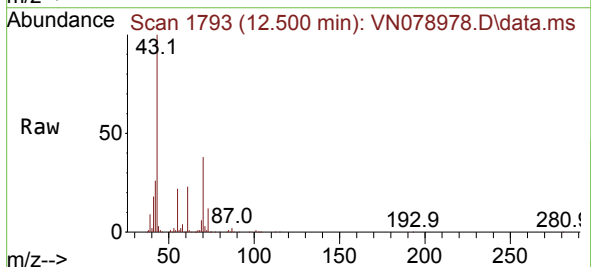
Instrument :
MSVOA_N
ClientSampleId :

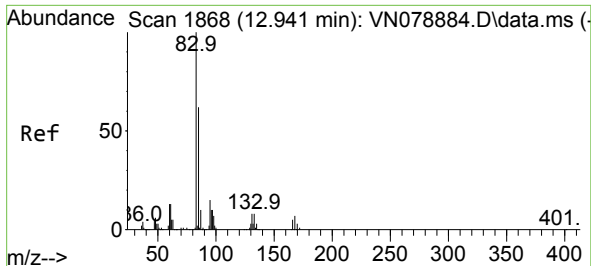
Tgt Ion:105 Resp: 333539
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 61.430 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 43 Resp: 259031
Ion Ratio Lower Upper
43 100
70 39.5 43.4 65.2#
55 23.4 21.4 32.0
61 22.8 22.8 34.2

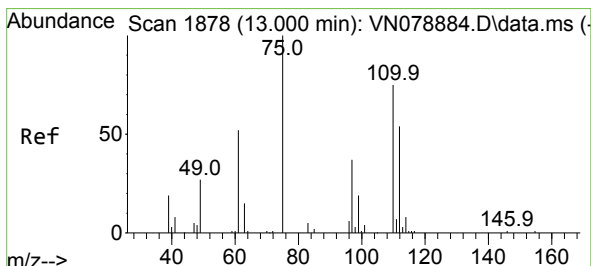
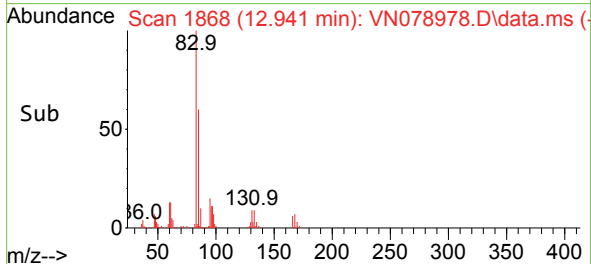
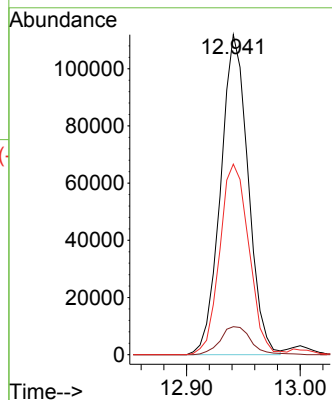
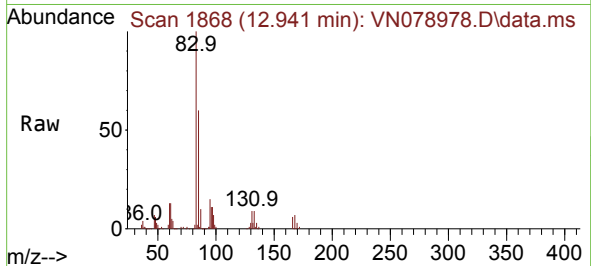




#75
1,1,2,2-Tetrachloroethane
Concen: 62.523 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

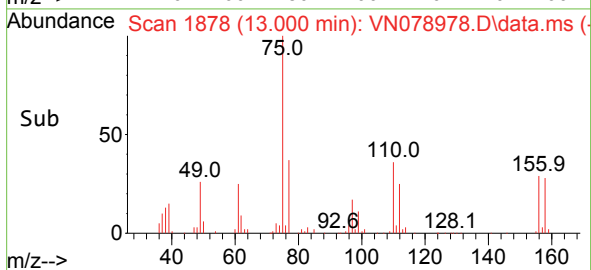
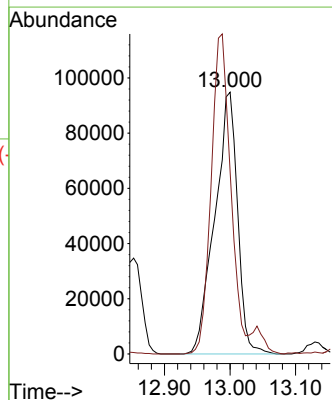
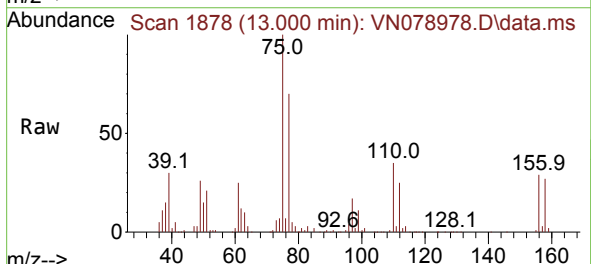
Instrument :
MSVOA_N
ClientSampleId :

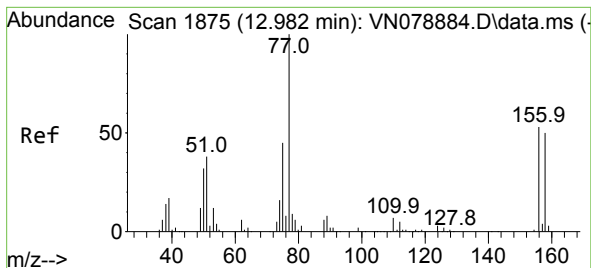
Tgt Ion: 83 Resp: 188589
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 94.460 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 75 Resp: 228029
Ion Ratio Lower Upper
75 100
77 105.6 84.5 253.5





#77

Bromobenzene

Concen: 50.870 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

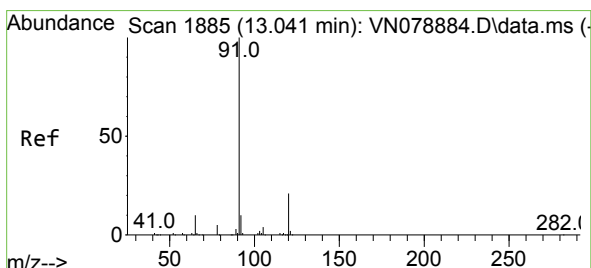
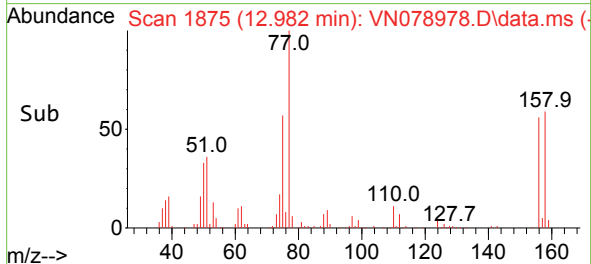
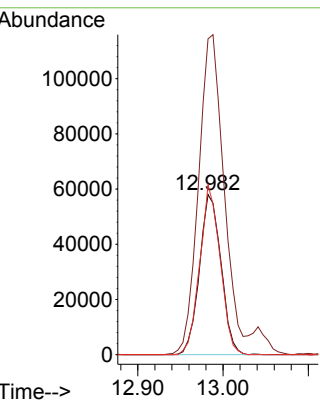
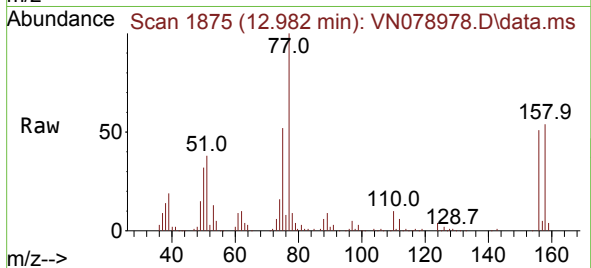
Tgt Ion:156 Resp: 102146

Ion Ratio Lower Upper

156 100

77 235.8 107.7 323.3

158 99.8 48.4 145.3



#78

n-propylbenzene

Concen: 39.609 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078978.D

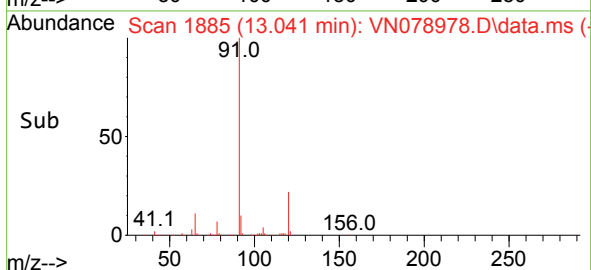
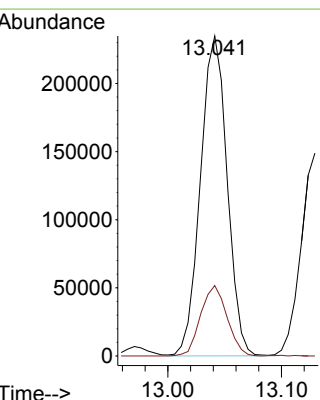
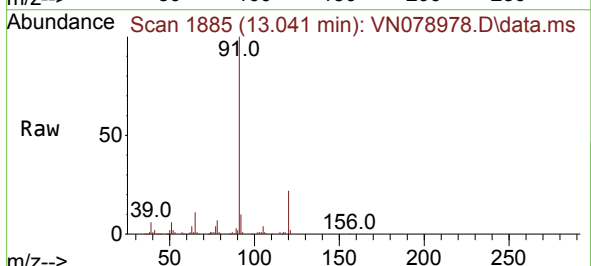
Acq: 21 Aug 2023 17:34

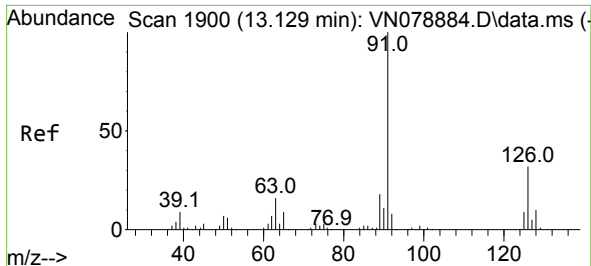
Tgt Ion: 91 Resp: 383697

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

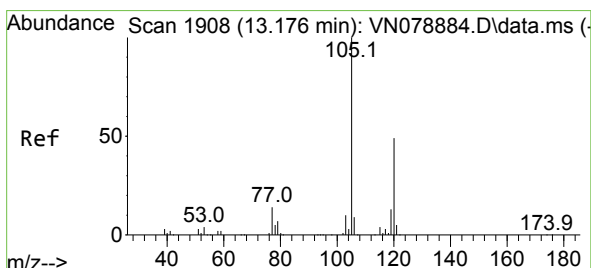
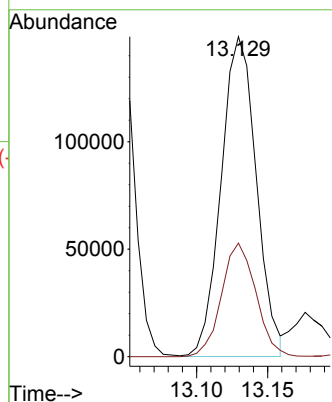
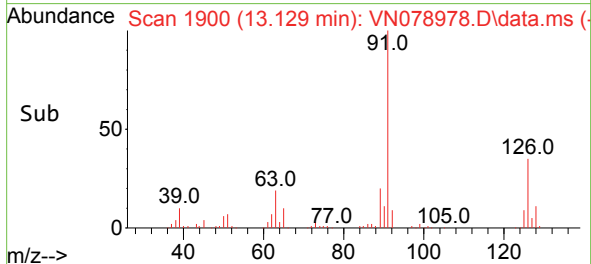
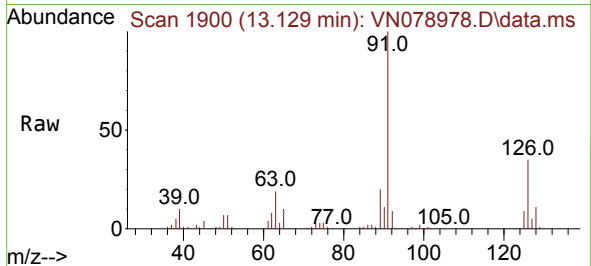




#79
2-Chlorotoluene
Concen: 42.698 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

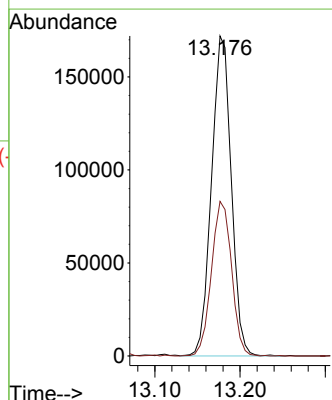
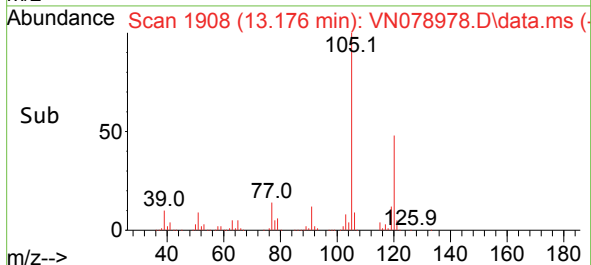
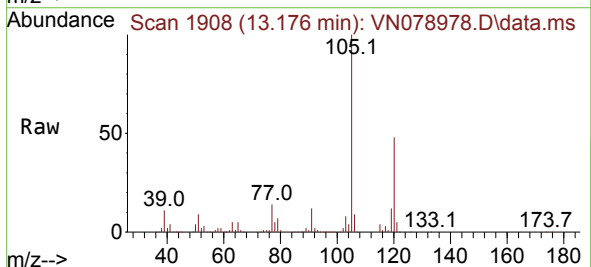
Instrument :
MSVOA_N
ClientSampleId :

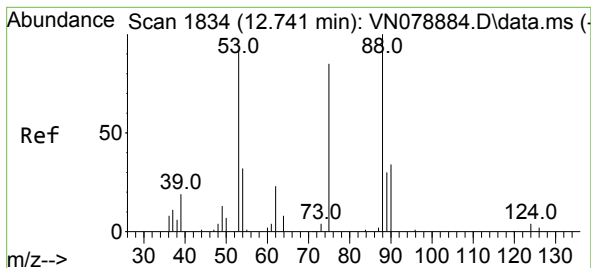
Tgt Ion: 91 Resp: 256570
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 41.791 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:105 Resp: 276662
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3

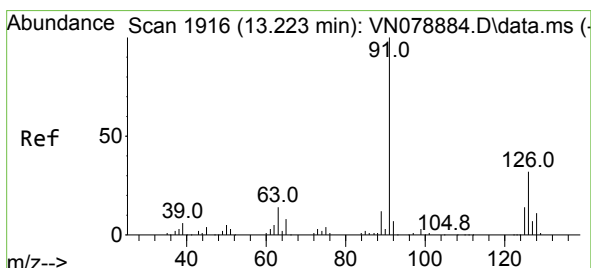
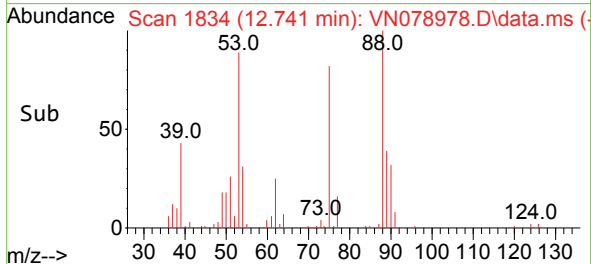
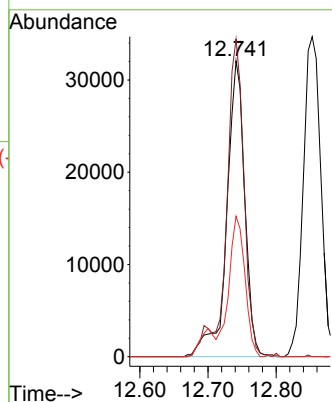
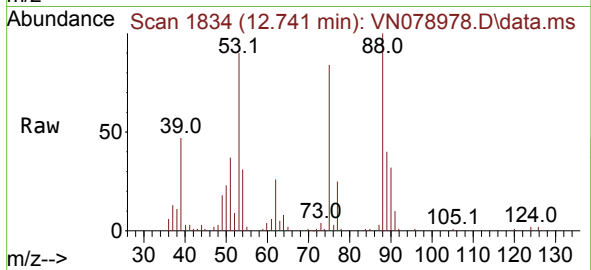




#81
trans-1,4-Dichloro-2-butene
Concen: 62.305 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

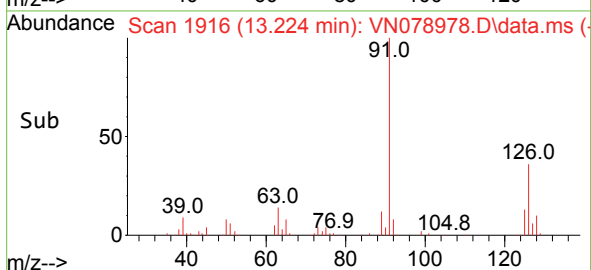
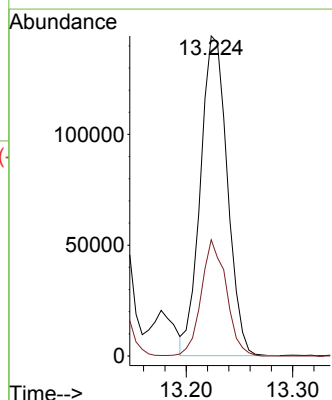
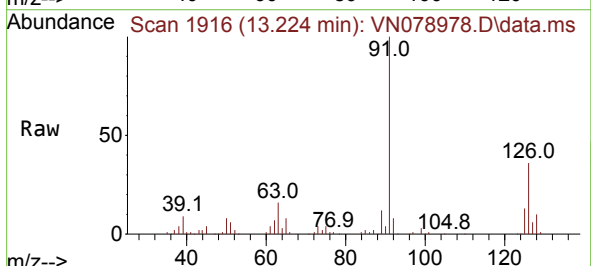
Instrument :
MSVOA_N
ClientSampleId :

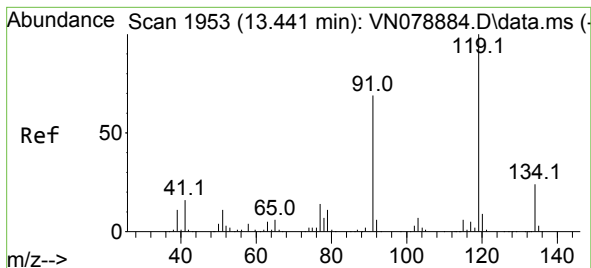
Tgt Ion: 75 Resp: 58877
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.2
89 42.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 43.077 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion: 91 Resp: 253281
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

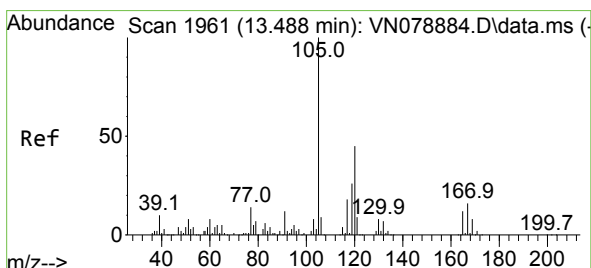
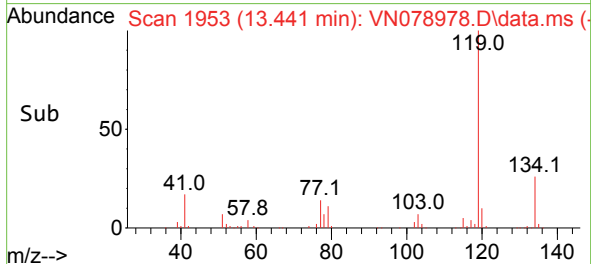
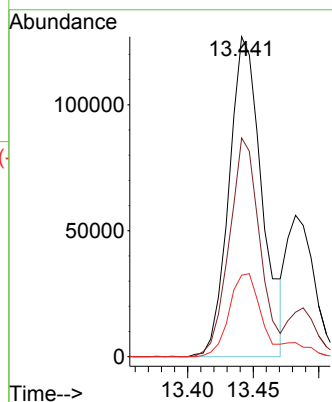
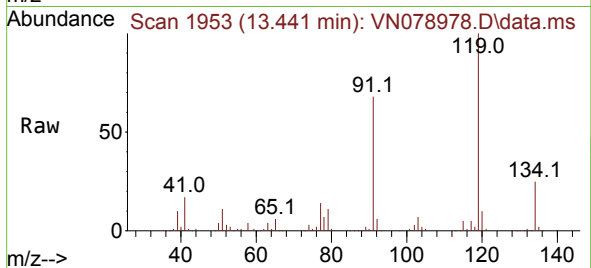




#83
 tert-Butylbenzene
 Concen: 39.935 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

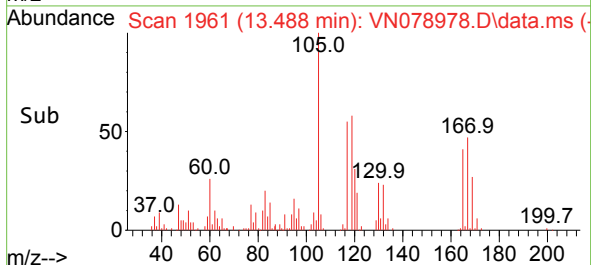
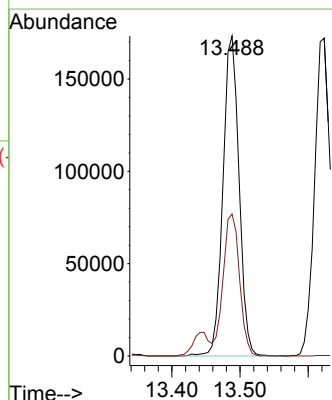
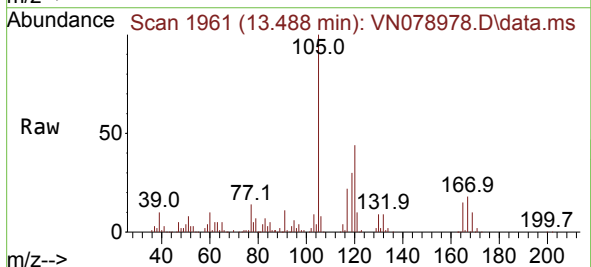
Instrument :
 MSVOA_N
 ClientSampleId :

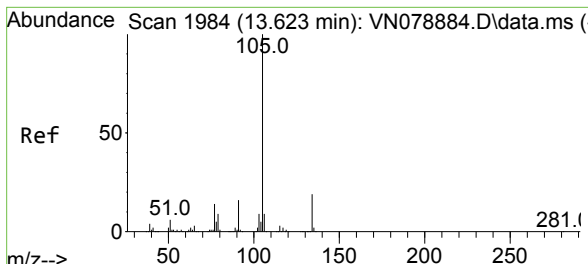
Tgt Ion:119 Resp: 222126
 Ion Ratio Lower Upper
 119 100
 91 63.6 33.9 101.7
 134 25.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 43.417 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

Tgt Ion:105 Resp: 284600
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

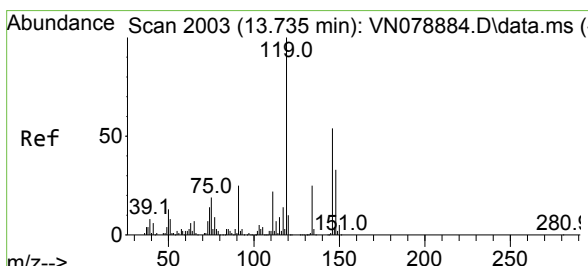
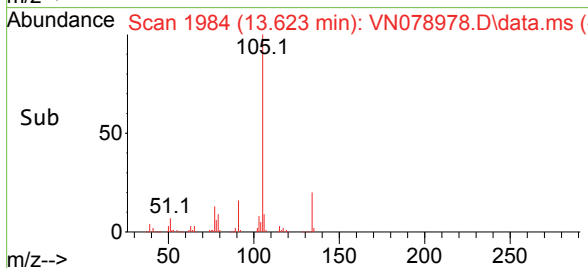
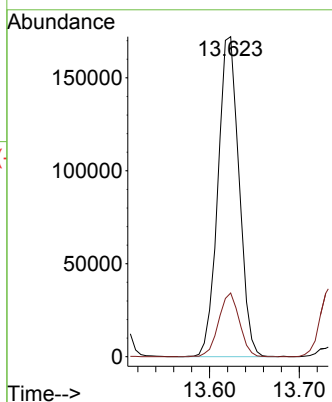
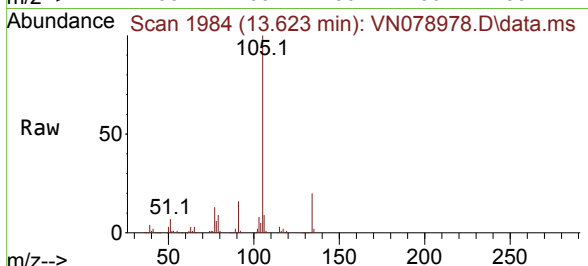




#85
 sec-Butylbenzene
 Concen: 36.818 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

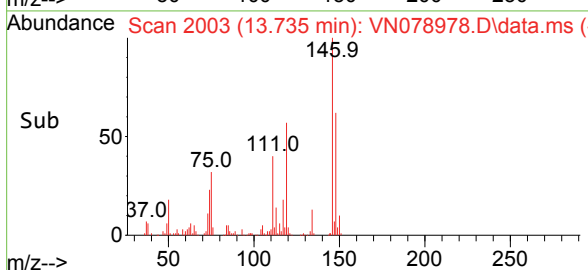
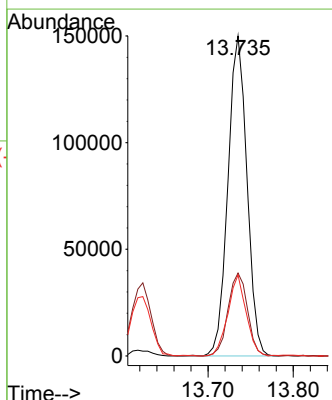
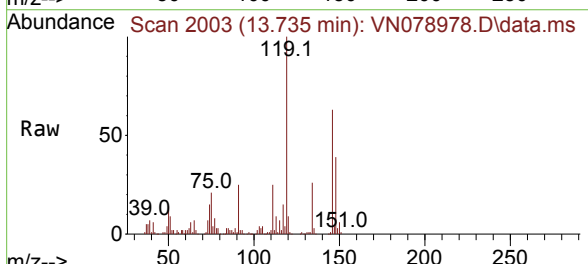
Instrument :
 MSVOA_N
 ClientSampleId :

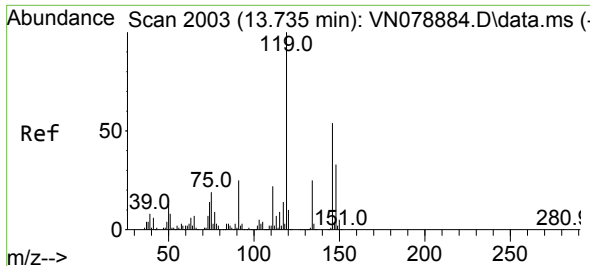
Tgt Ion:105 Resp: 281835
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 38.058 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

Tgt Ion:119 Resp: 232753
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.3 12.4 37.2

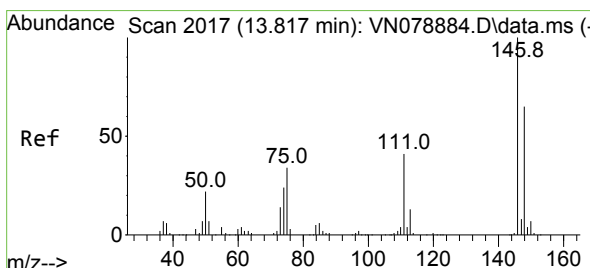
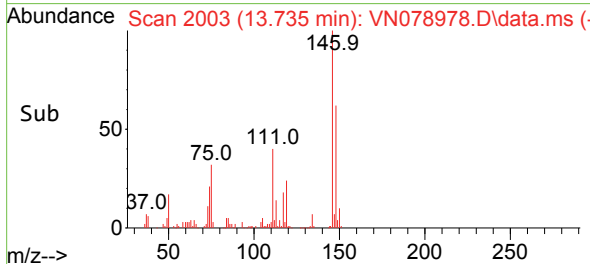
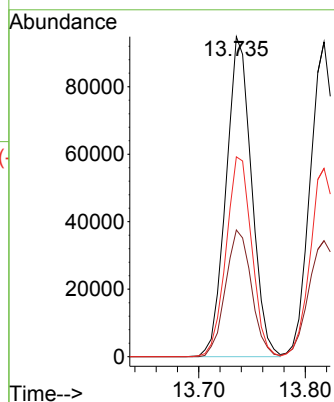
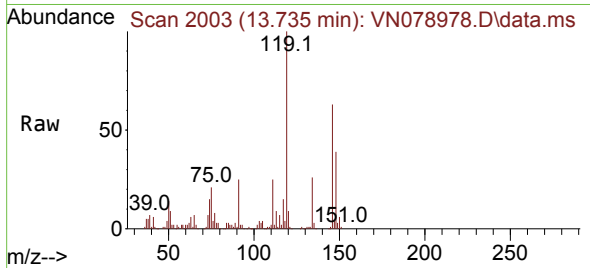




#87
1,3-Dichlorobenzene
Concen: 45.648 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

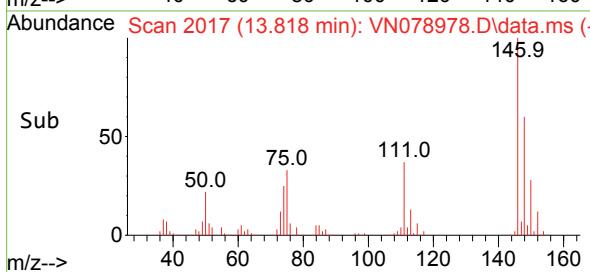
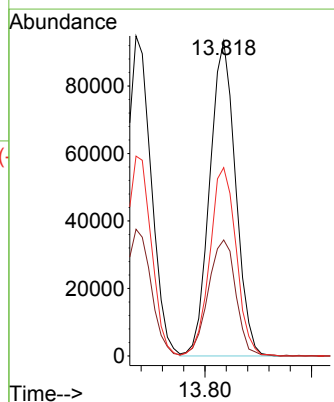
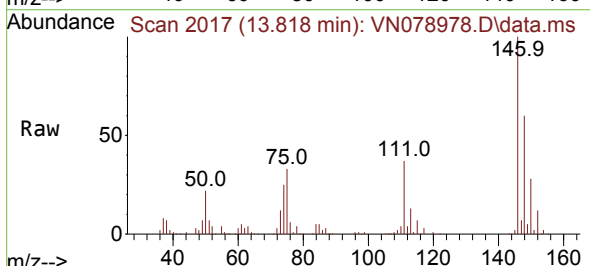
Instrument :
MSVOA_N
ClientSampleId :

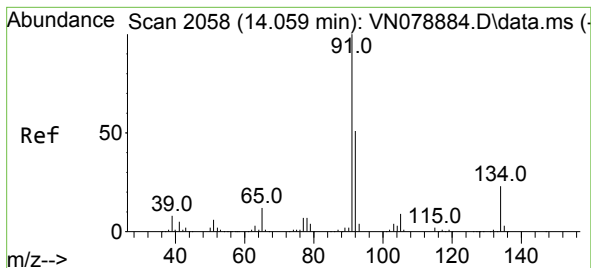
Tgt Ion:146 Resp: 157725
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.3
148 62.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 45.429 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

Tgt Ion:146 Resp: 157112
Ion Ratio Lower Upper
146 100
111 39.4 20.6 61.8
148 61.1 31.6 94.8





#89

n-Butylbenzene

Concen: 35.222 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

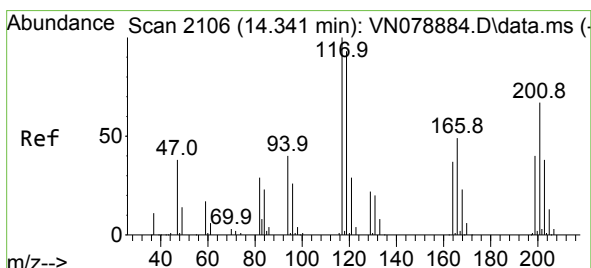
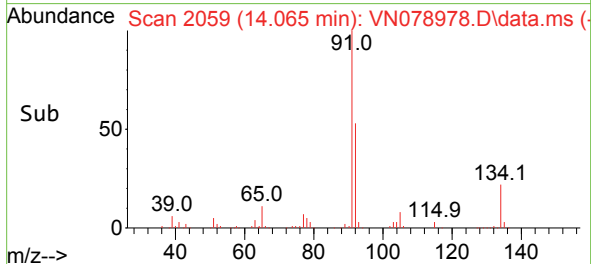
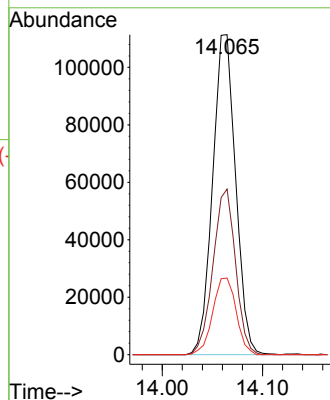
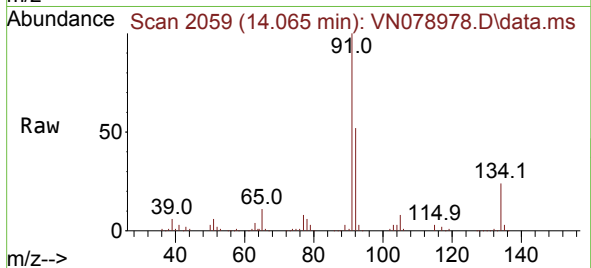
Tgt Ion: 91 Resp: 177273

Ion Ratio Lower Upper

91 100

92 50.7 26.4 79.0

134 24.4 12.6 37.6



#90

Hexachloroethane

Concen: 38.672 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078978.D

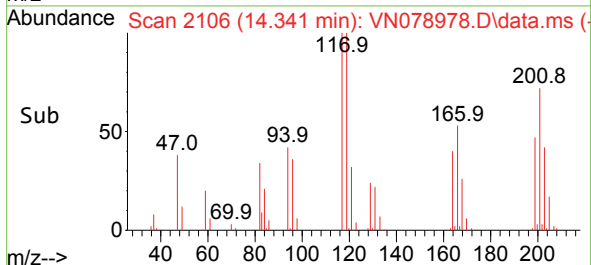
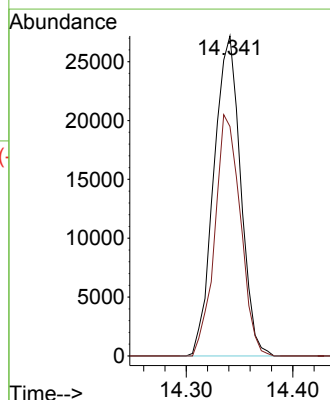
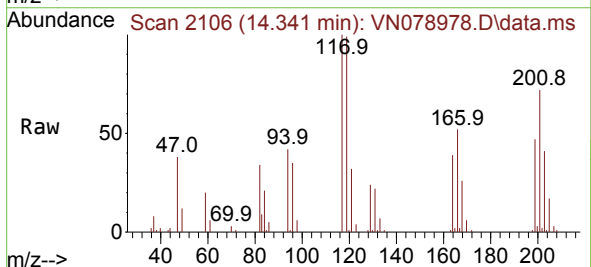
Acq: 21 Aug 2023 17:34

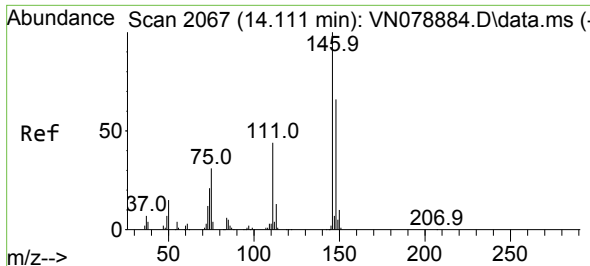
Tgt Ion: 117 Resp: 47410

Ion Ratio Lower Upper

117 100

201 72.3 29.3 88.0

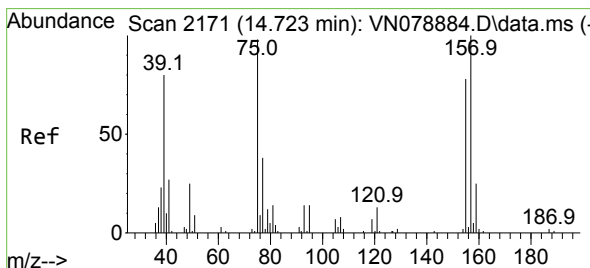
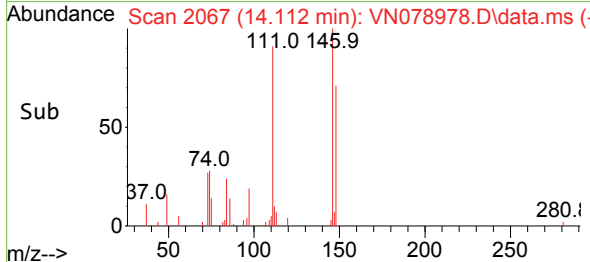
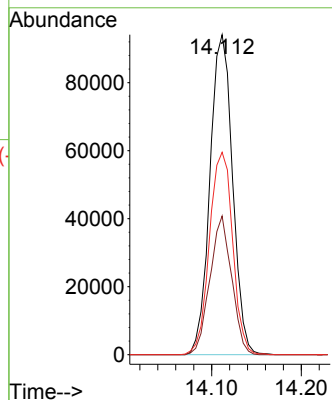
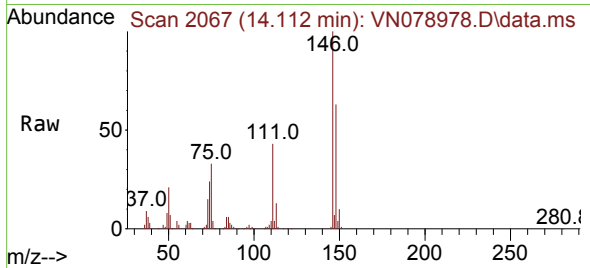




#91
 1,2-Dichlorobenzene
 Concen: 47.848 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

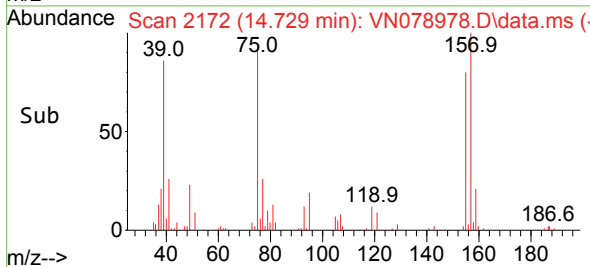
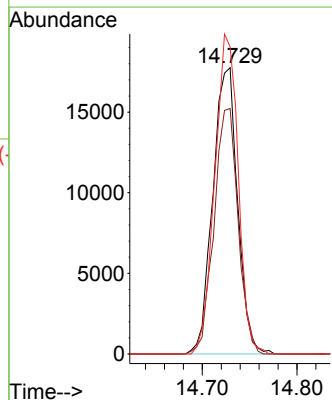
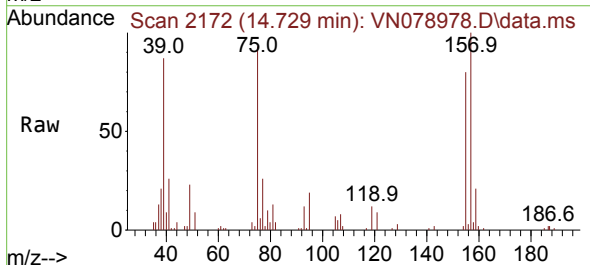
Instrument :
 MSVOA_N
 ClientSampleId :

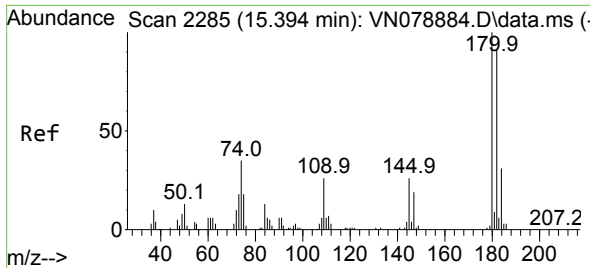
Tgt Ion:146 Resp: 164412
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.0 66.0
 148 65.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.061 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078978.D
 Acq: 21 Aug 2023 17:34

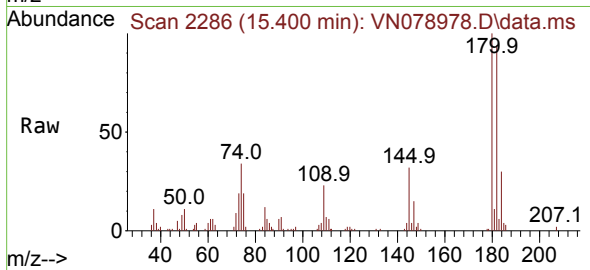
Tgt Ion: 75 Resp: 32257
 Ion Ratio Lower Upper
 75 100
 155 83.5 39.1 117.2
 157 105.3 50.3 150.9



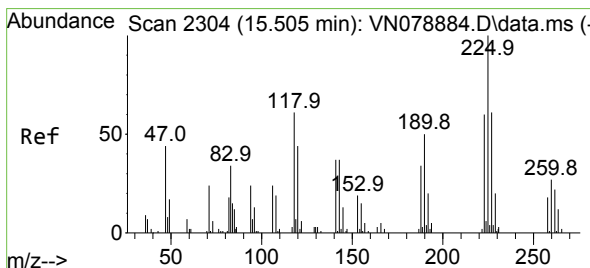
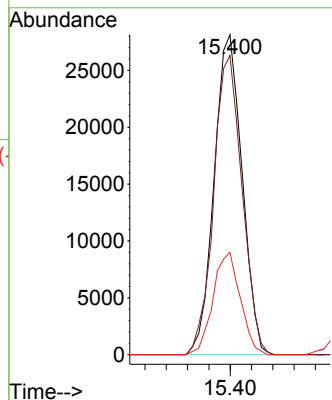
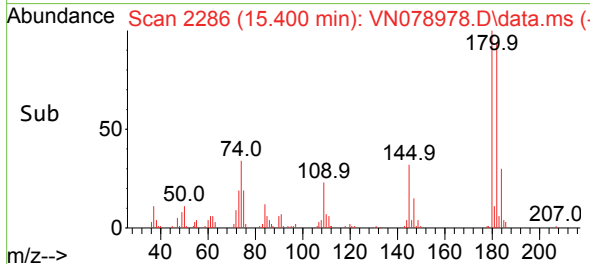


#93
1,2,4-Trichlorobenzene
Concen: 42.068 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34

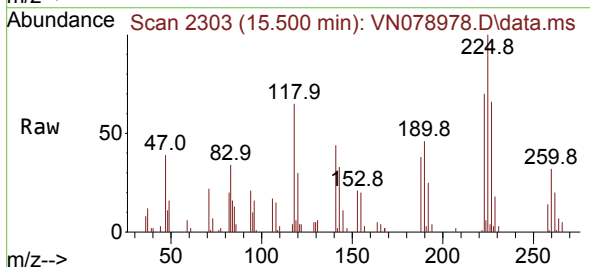
Instrument :
MSVOA_N
ClientSampleId :



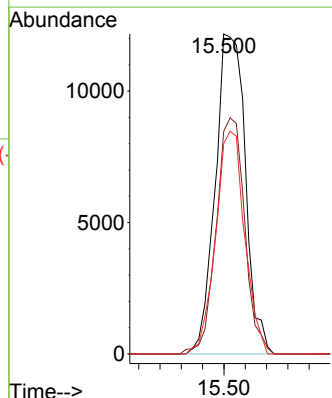
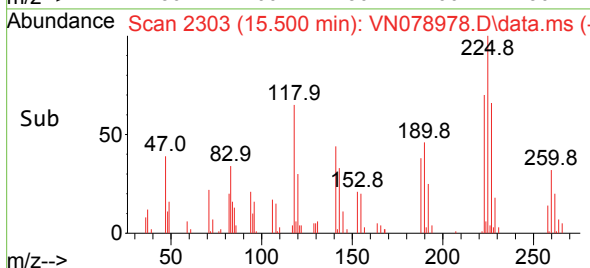
Tgt Ion:180 Resp: 51244
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 31.2 16.6 49.8

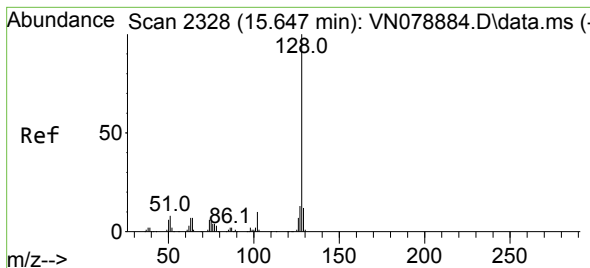


#94
Hexachlorobutadiene
Concen: 35.954 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078978.D
Acq: 21 Aug 2023 17:34



Tgt Ion:225 Resp: 23861
Ion Ratio Lower Upper
225 100
223 69.7 31.3 93.8
227 67.0 31.9 95.9





#95

Naphthalene

Concen: 43.063 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

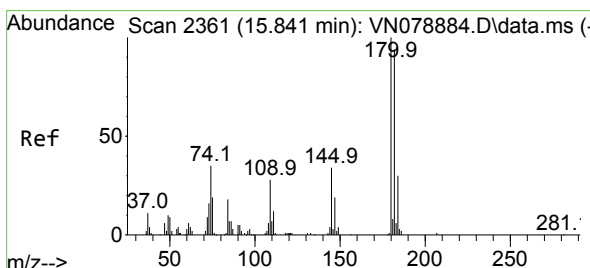
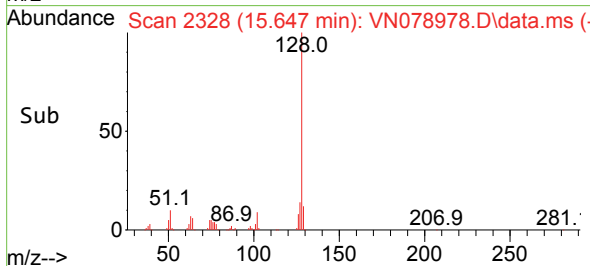
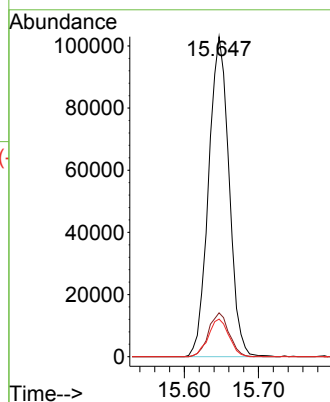
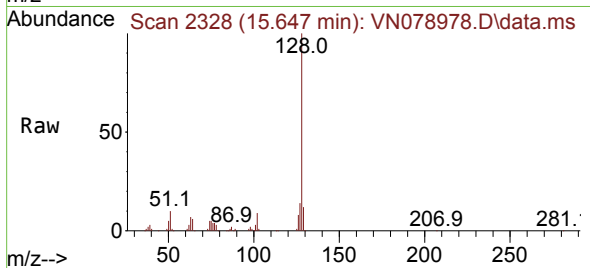
Tgt Ion:128 Resp: 197077

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 11.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.150 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078978.D

Acq: 21 Aug 2023 17:34

Tgt Ion:180 Resp: 58903

Ion Ratio Lower Upper

180 100

182 99.0 46.2 138.6

145 32.2 17.5 52.6

