

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079027.D
 Acq On : 24 Aug 2023 13:30
 Operator : JC\MD
 Sample : VN0824MBSD01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:12:20 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	171169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137709	51.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.400%	
35) Dibromofluoromethane	8.171	113	109984	52.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	10.571	98	394217	50.897	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.853	95	128427	50.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	51909	21.856	ug/l	100
3) Chloromethane	2.365	50	58187	17.547	ug/l	100
4) Vinyl Chloride	2.518	62	60584	20.833	ug/l	99
5) Bromomethane	2.959	94	36479	21.848	ug/l	99
6) Chloroethane	3.124	64	42552	20.931	ug/l	97
7) Trichlorofluoromethane	3.495	101	76112	21.488	ug/l	95
8) Diethyl Ether	3.965	74	27711	20.637	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	38887	20.613	ug/l	94
10) Methyl Iodide	4.595	142	49036	23.232	ug/l	93
11) Tert butyl alcohol	5.524	59	42804	95.770	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	38856	21.145	ug/l	86
13) Acrolein	4.177	56	24980	92.711	ug/l	93
14) Allyl chloride	5.030	41	69955	19.127	ug/l #	90
15) Acrylonitrile	5.724	53	128198	105.879	ug/l	99
16) Acetone	4.436	43	108938	99.123	ug/l	91
17) Carbon Disulfide	4.718	76	102768	19.979	ug/l #	94
18) Methyl Acetate	5.036	43	94990	20.460	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	141558	21.385	ug/l #	90
20) Methylene Chloride	5.277	84	49763	21.247	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	42878	20.808	ug/l	87
22) Diisopropyl ether	6.683	45	163942	21.188	ug/l #	90
23) Vinyl Acetate	6.612	43	515609	101.207	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	91559	21.661	ug/l	96
25) 2-Butanone	7.488	43	178358	101.224	ug/l #	77
26) 2,2-Dichloropropane	7.500	77	70604	20.665	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	53929	21.532	ug/l	87
28) Bromochloromethane	7.812	49	46795	20.870	ug/l #	74
29) Tetrahydrofuran	7.847	42	116784	100.134	ug/l #	72
30) Chloroform	7.971	83	93397	22.117	ug/l	94
31) Cyclohexane	8.259	56	71052	19.794	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	78756	21.872	ug/l	96
36) 1,1-Dichloropropene	8.377	75	63550	20.253	ug/l	96
37) Ethyl Acetate	7.565	43	73599	20.964	ug/l #	89
38) Carbon Tetrachloride	8.365	117	67512	21.473	ug/l	97
39) Methylcyclohexane	9.600	83	57570	19.949	ug/l #	83
40) Benzene	8.612	78	195752	21.106	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40362	21.109	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	73981	21.351	ug/l	98
43) Isopropyl Acetate	8.694	43	126462	20.380	ug/l #	85
44) Trichloroethene	9.353	130	46365	21.039	ug/l	90
45) 1,2-Dichloropropane	9.630	63	52741	21.358	ug/l	93
46) Dibromomethane	9.718	93	36678	21.656	ug/l	97
47) Bromodichloromethane	9.894	83	72747	21.751	ug/l	95
48) Methyl methacrylate	9.682	41	55929	19.890	ug/l #	77
49) 1,4-Dioxane	9.700	88	19253	401.981	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	383061	104.082	ug/l #	84
52) Toluene	10.635	92	122764	21.559	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	75147	20.952	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	80709	20.662	ug/l #	84
55) 1,1,2-Trichloroethane	11.024	97	51133	22.395	ug/l	98
56) Ethyl methacrylate	10.877	69	74526	21.057	ug/l #	76
57) 1,3-Dichloropropane	11.171	76	85052	20.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142028	83.598	ug/l	90
59) 2-Hexanone	11.200	43	265794	99.710	ug/l	85
60) Dibromochloromethane	11.365	129	52988	22.054	ug/l	98
61) 1,2-Dibromoethane	11.471	107	49132	21.176	ug/l	97
64) Tetrachloroethene	11.106	164	35895	20.650	ug/l	92
65) Chlorobenzene	11.894	112	125384	21.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	48890	21.926	ug/l	97
67) Ethyl Benzene	11.965	91	218543	20.368	ug/l	99
68) m/p-Xylenes	12.076	106	168344	41.964	ug/l	99
69) o-Xylene	12.400	106	82001	21.013	ug/l	98
70) Styrene	12.418	104	130958	20.126	ug/l	96
71) Bromoform	12.582	173	35541	21.925	ug/l #	99
73) Isopropylbenzene	12.700	105	196248	20.285	ug/l	97
74) N-amyl acetate	12.500	43	94224	19.295	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	75877	21.721	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	90287	32.295	ug/l	66
77) Bromobenzene	12.982	156	49739	21.389	ug/l	97
78) n-propylbenzene	13.041	91	227944	20.319	ug/l	99
79) 2-Chlorotoluene	13.129	91	142235	20.439	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	164356	21.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	25148	22.979	ug/l #	91
82) 4-Chlorotoluene	13.223	91	139310	20.459	ug/l	100
83) tert-Butylbenzene	13.441	119	135002	20.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	165220	21.764	ug/l	98
85) sec-Butylbenzene	13.618	105	183296	20.677	ug/l	99
86) p-Isopropyltoluene	13.735	119	147114	20.771	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	84336	21.076	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	82141	20.509	ug/l	100
89) n-Butylbenzene	14.059	91	114656	19.671	ug/l	97
90) Hexachloroethane	14.335	117	31145	21.937	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	83596	21.007	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12255	18.481	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	27809	19.713	ug/l	93
94) Hexachlorobutadiene	15.506	225	16992	21.046	ug/l	94
95) Naphthalene	15.647	128	79614	16.698	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	30064	19.458	ug/l	95

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 25 01:12:20 2023
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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
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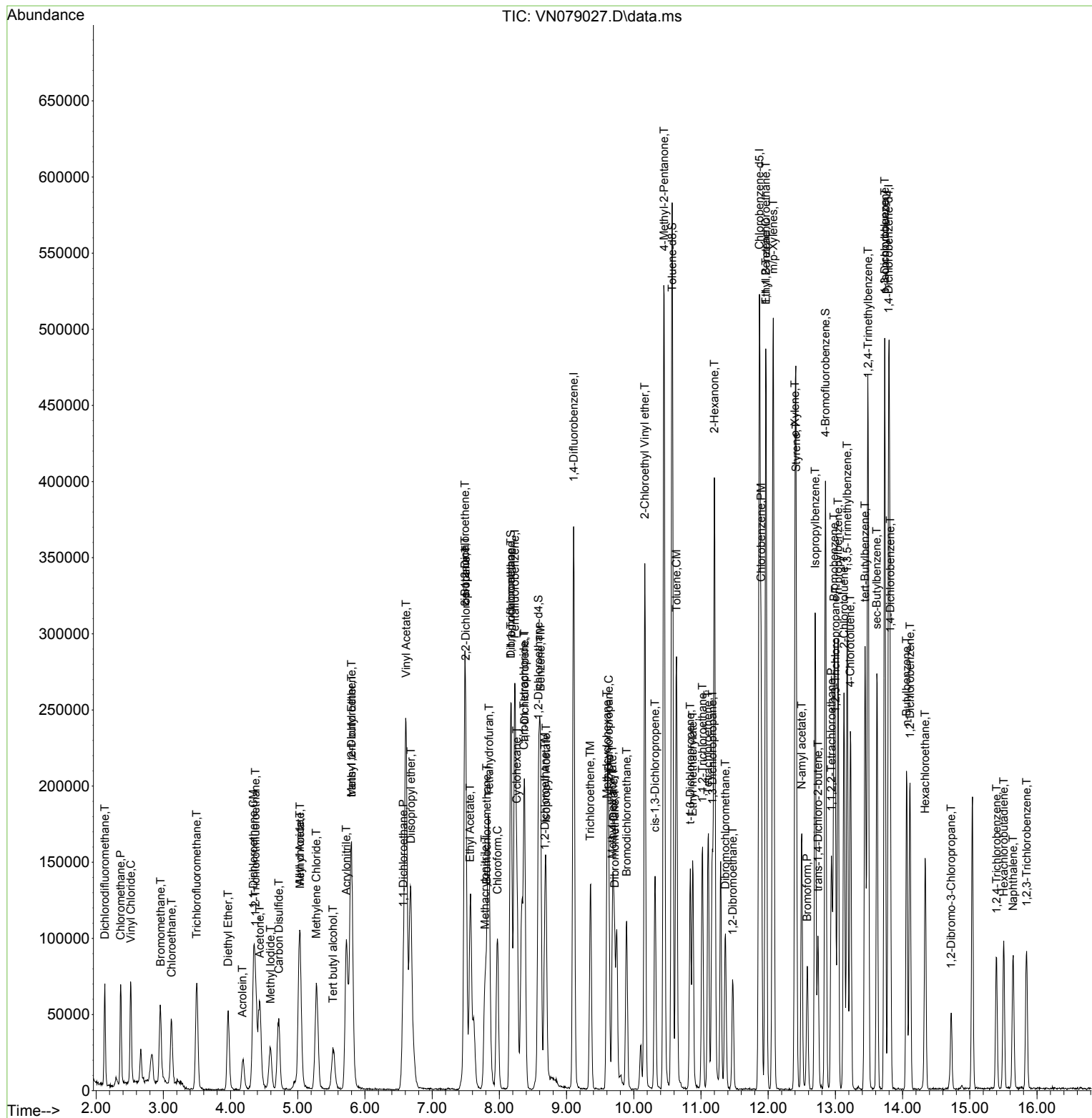
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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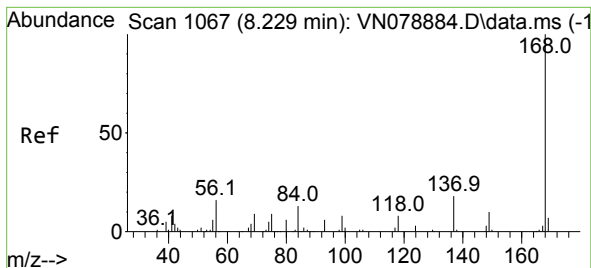
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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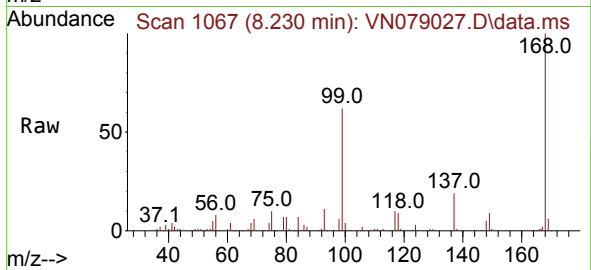
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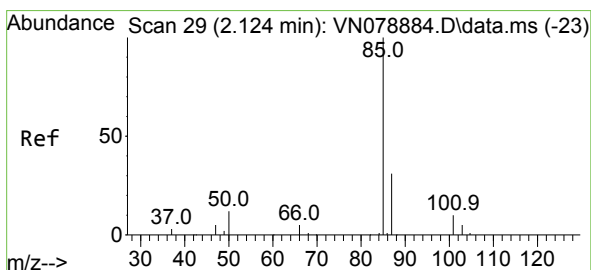
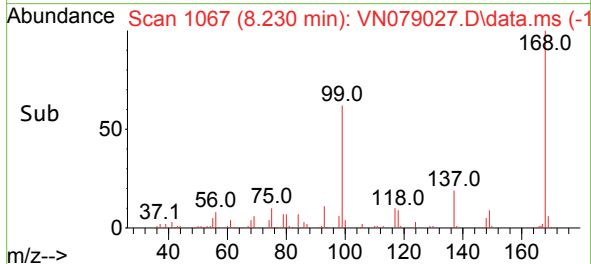
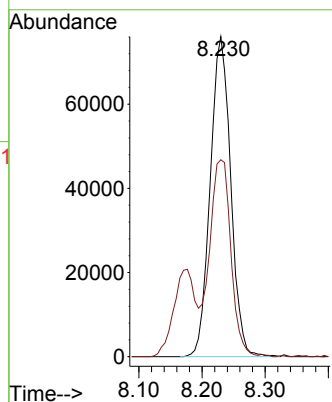


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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ClientSampleId :

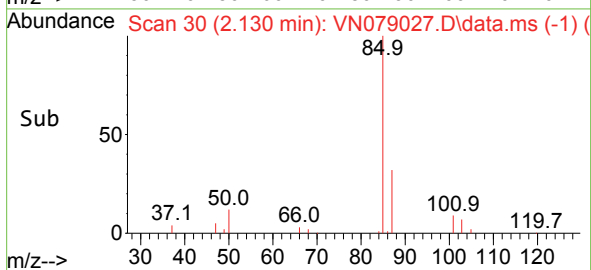
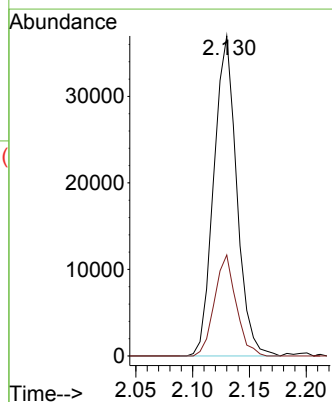
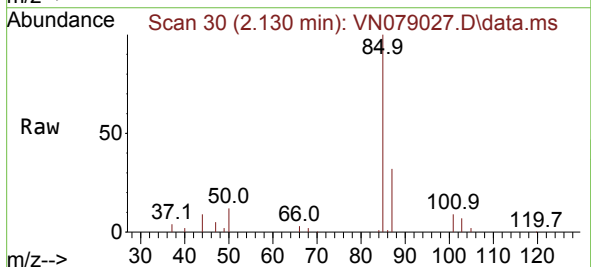


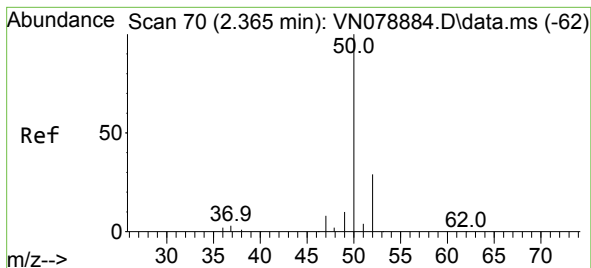
Tgt Ion:168 Resp: 171169
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 21.856 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 85 Resp: 51909
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3

Chloromethane

Concen: 17.547 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

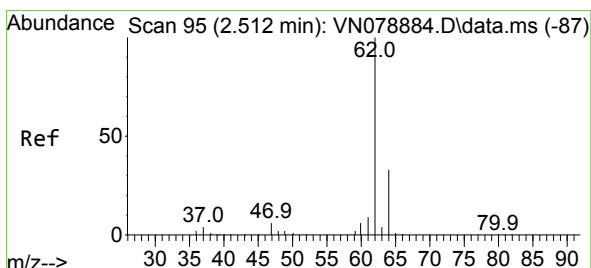
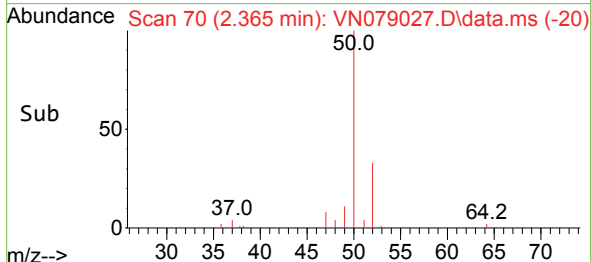
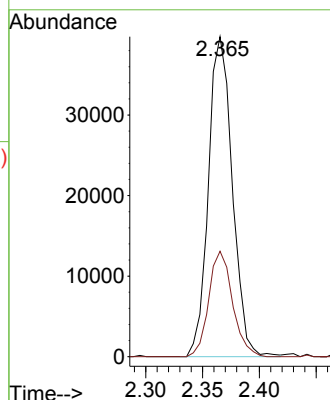
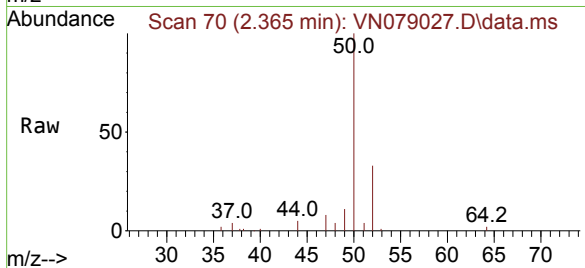
ClientSampleId :

Tgt Ion: 50 Resp: 58187

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 20.833 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079027.D

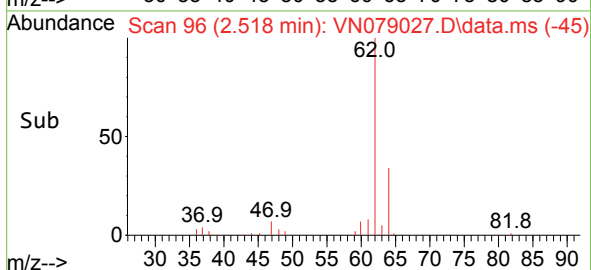
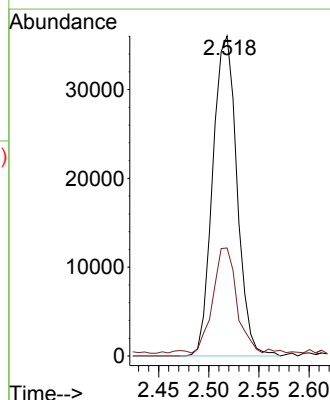
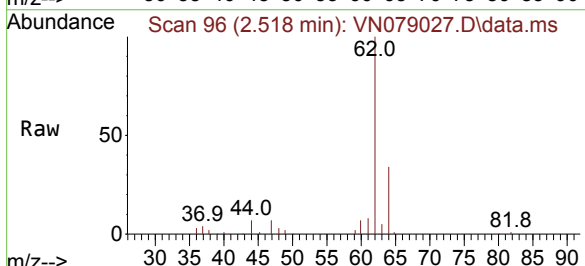
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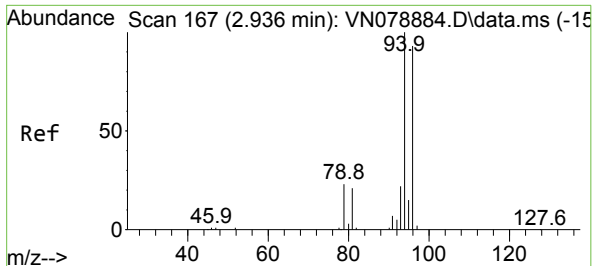
Tgt Ion: 62 Resp: 60584

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.2





#5

Bromomethane

Concen: 21.848 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

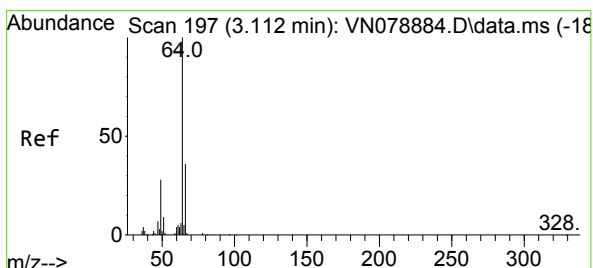
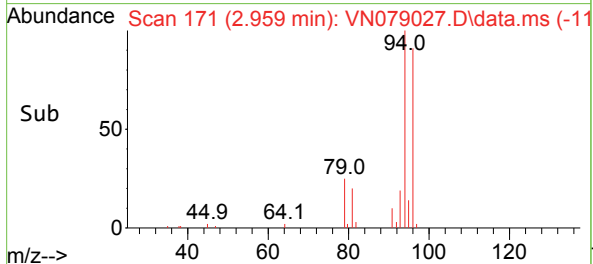
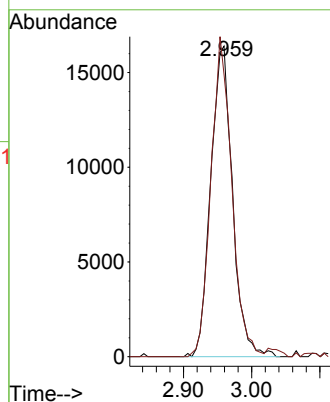
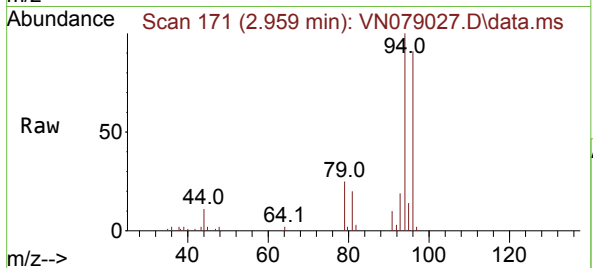
ClientSampleId :

Tgt Ion: 94 Resp: 36479

Ion Ratio Lower Upper

94 100

96 90.8 73.1 109.7



#6

Chloroethane

Concen: 20.931 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN079027.D

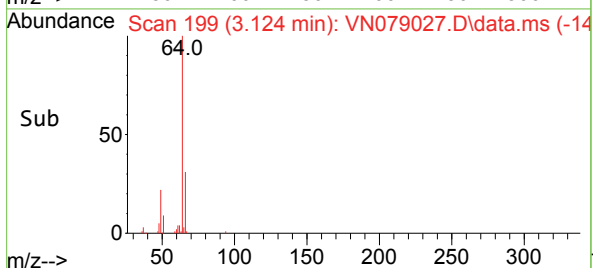
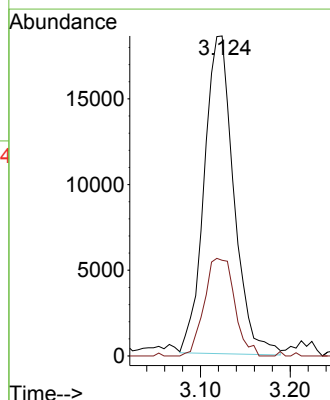
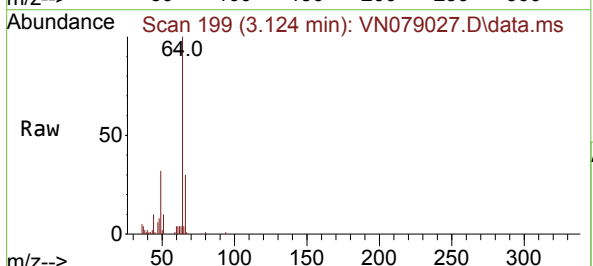
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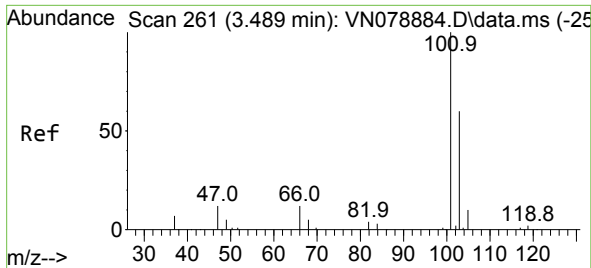
Tgt Ion: 64 Resp: 42552

Ion Ratio Lower Upper

64 100

66 30.3 25.4 38.2

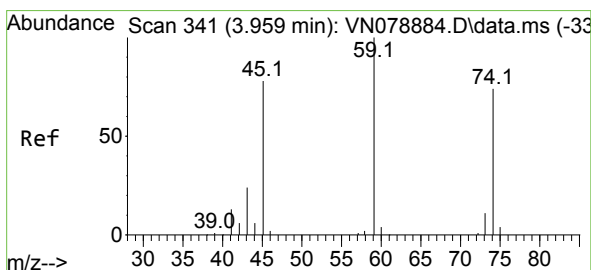
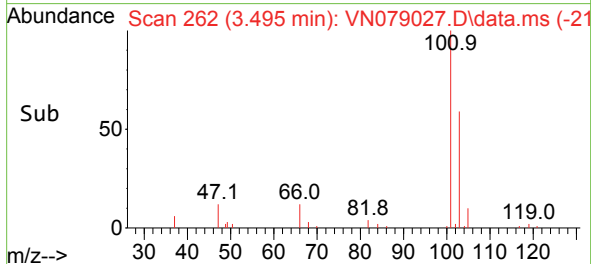
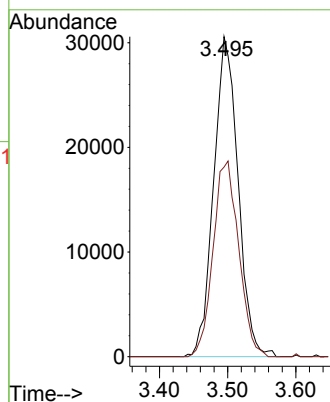
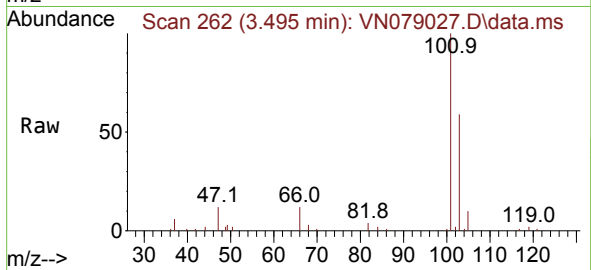




#7
 Trichlorofluoromethane
 Concen: 21.488 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

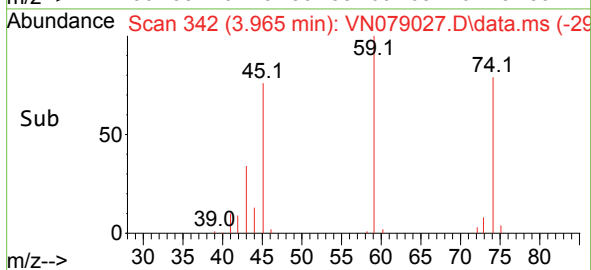
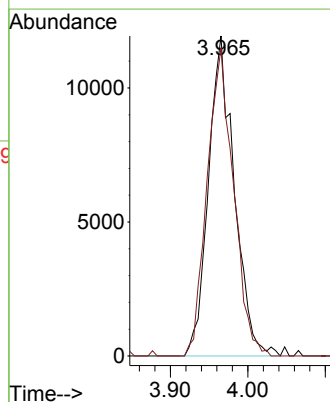
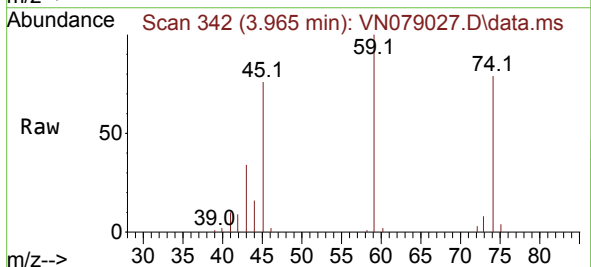
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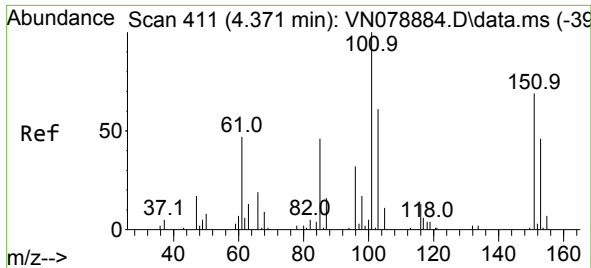
Tgt Ion:101 Resp: 76112
 Ion Ratio Lower Upper
 101 100
 103 59.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.637 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion: 74 Resp: 27711
 Ion Ratio Lower Upper
 74 100
 45 98.0 34.4 103.3

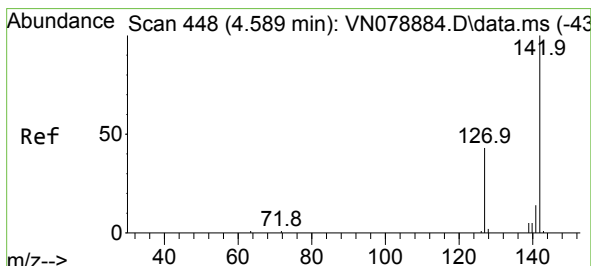
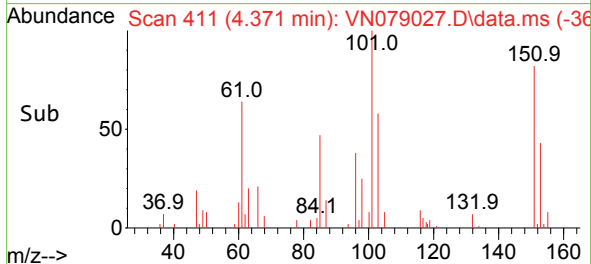
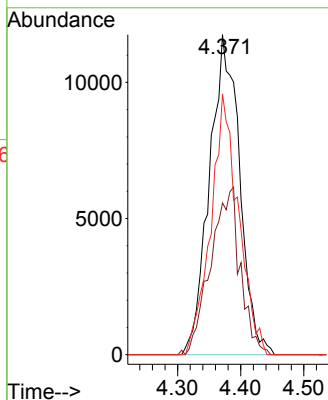
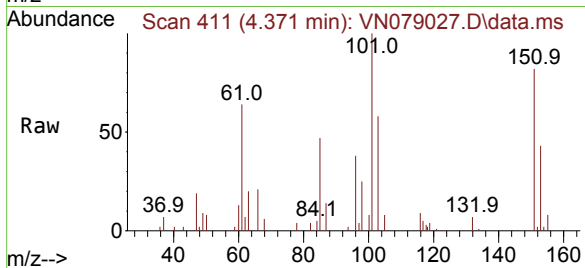




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.613 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

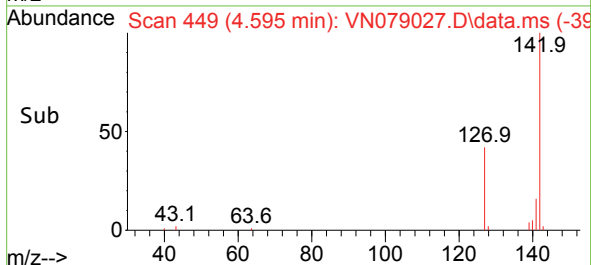
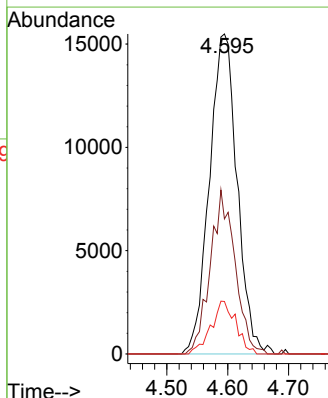
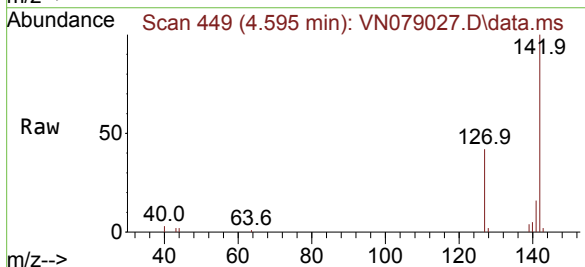
Instrument :
MSVOA_N
ClientSampleId :

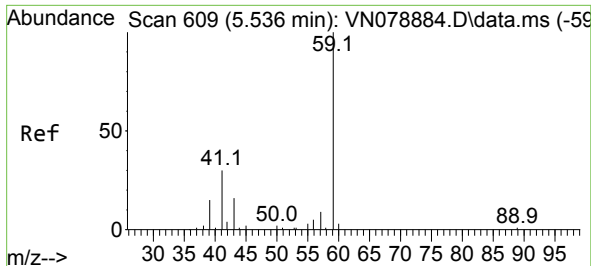
Tgt Ion:101 Resp: 38887
Ion Ratio Lower Upper
101 100
85 51.5 36.6 55.0
151 75.0 57.6 86.4



#10
Methyl Iodide
Concen: 23.232 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

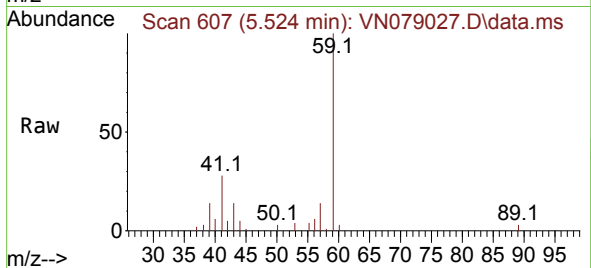
Tgt Ion:142 Resp: 49036
Ion Ratio Lower Upper
142 100
127 42.2 37.6 56.4
141 16.4 11.4 17.0



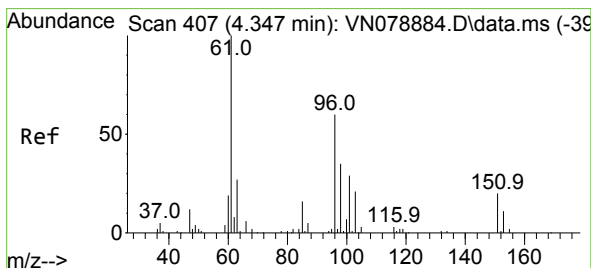
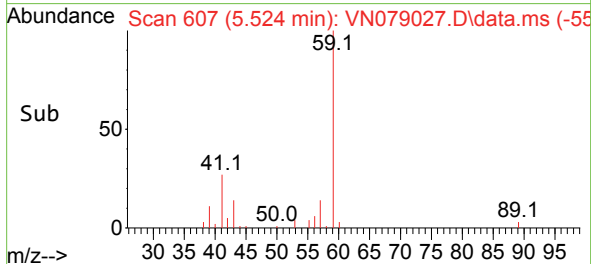
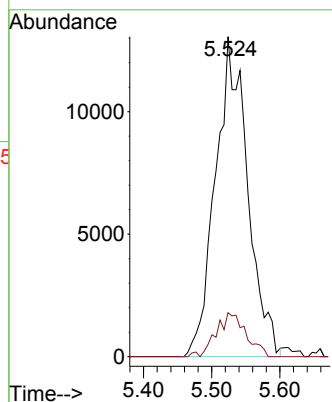


#11
Tert butyl alcohol
Concen: 95.770 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :

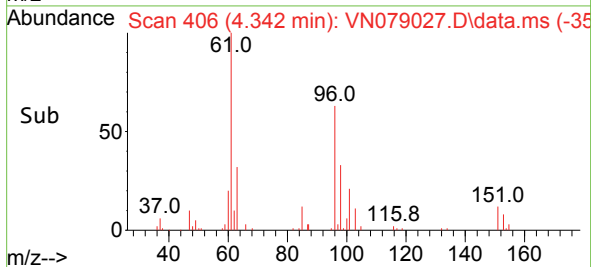
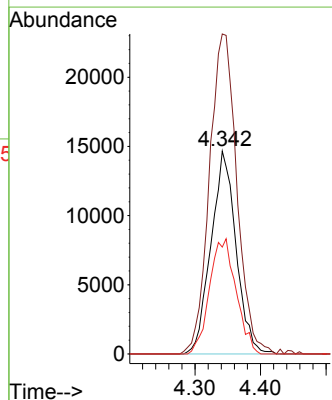
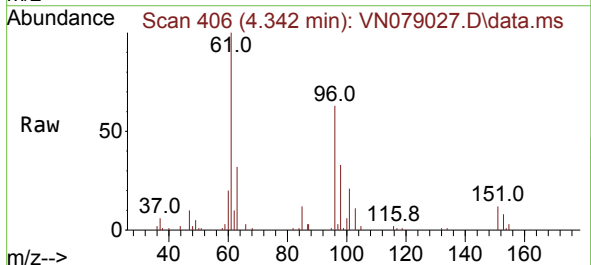


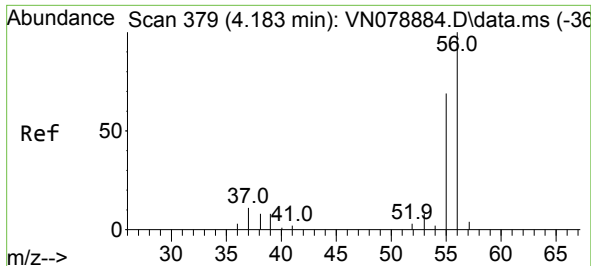
Tgt Ion: 59 Resp: 42804
Ion Ratio Lower Upper
59 100
57 12.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 21.145 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 96 Resp: 38856
Ion Ratio Lower Upper
96 100
61 157.8 112.7 169.1
98 52.7 51.2 76.8





#13

Acrolein

Concen: 92.711 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

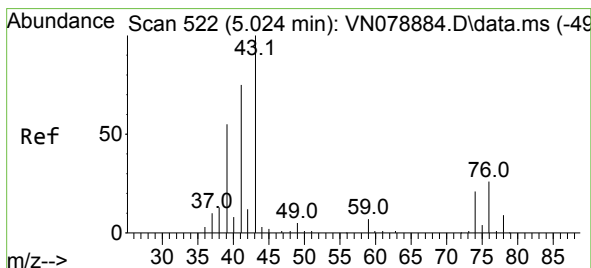
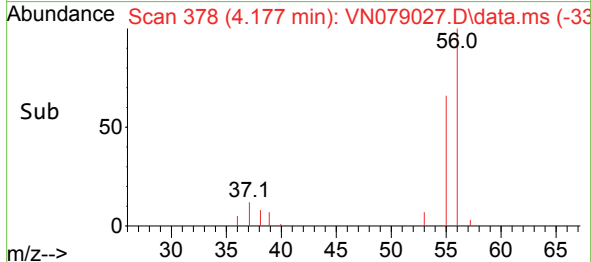
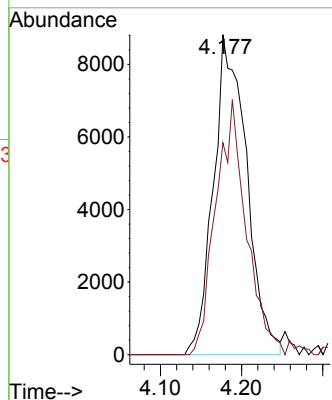
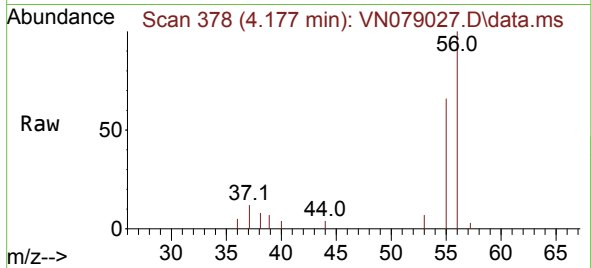
ClientSampleId :

Tgt Ion: 56 Resp: 24980

Ion Ratio Lower Upper

56 100

55 73.4 54.5 81.7



#14

Allyl chloride

Concen: 19.127 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

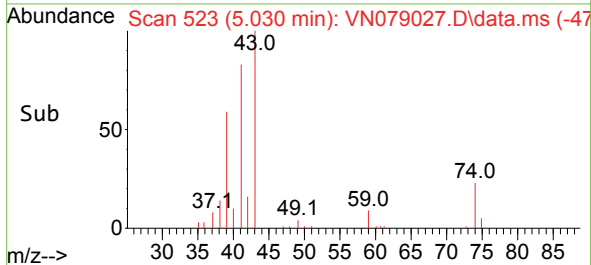
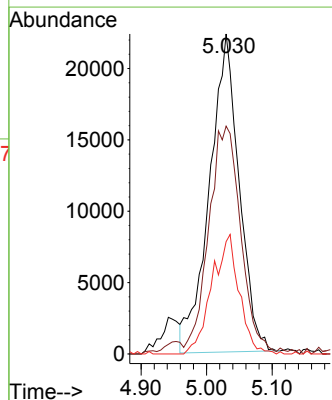
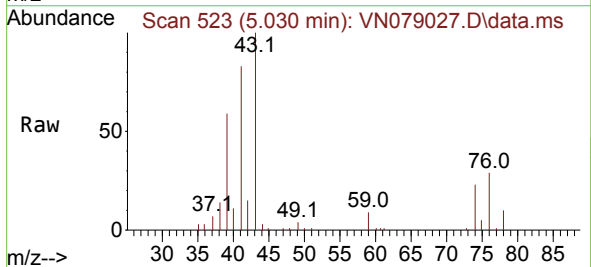
Tgt Ion: 41 Resp: 69955

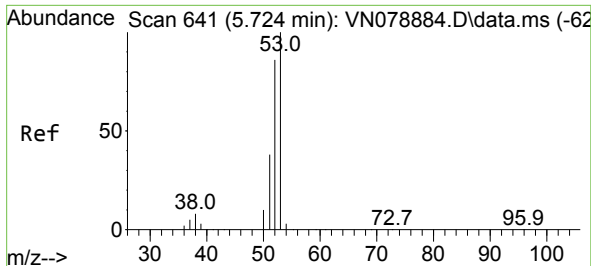
Ion Ratio Lower Upper

41 100

39 75.9 58.8 88.2

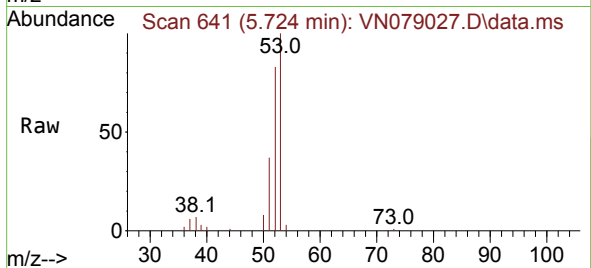
76 34.6 39.1 58.7#



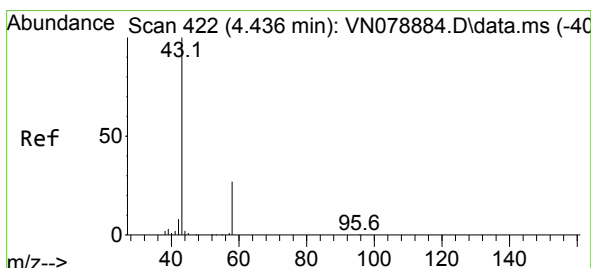
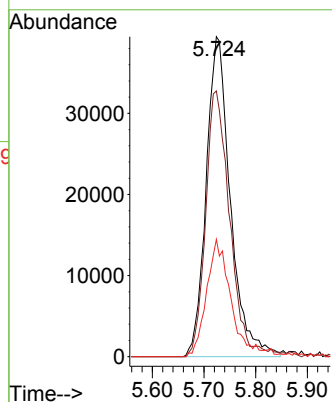
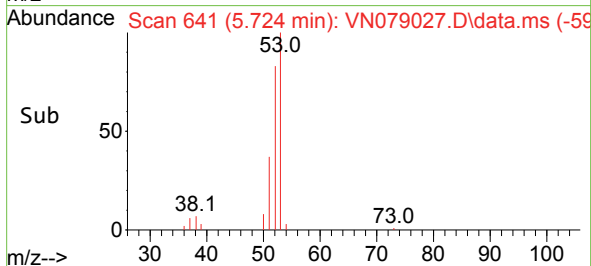


#15
Acrylonitrile
Concen: 105.879 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :

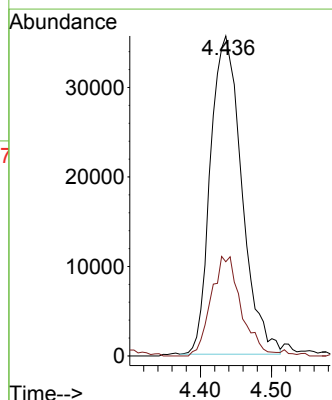
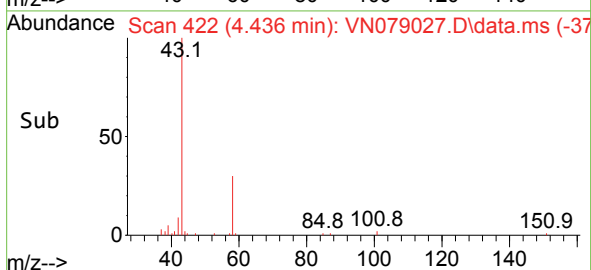
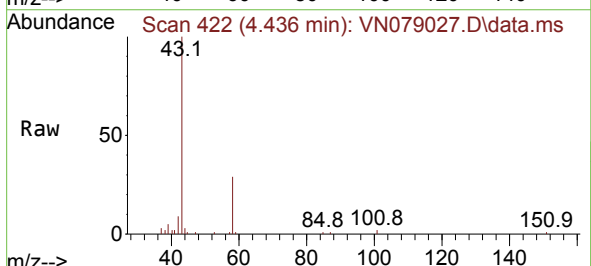


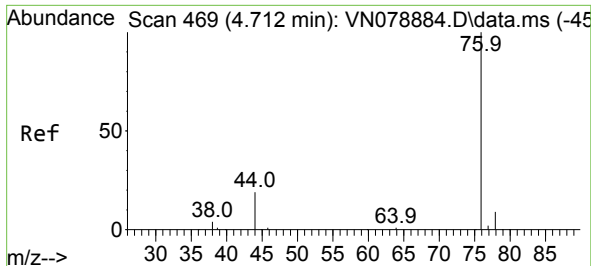
Tgt Ion: 53 Resp: 128198
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.3 28.9 43.3



#16
Acetone
Concen: 99.123 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

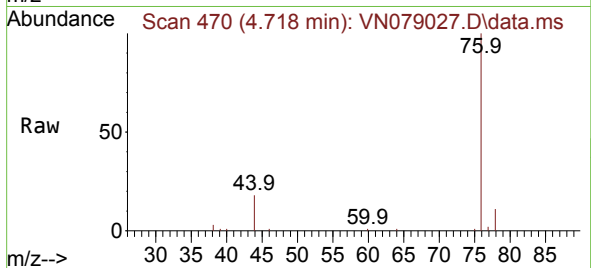
Tgt Ion: 43 Resp: 108938
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0



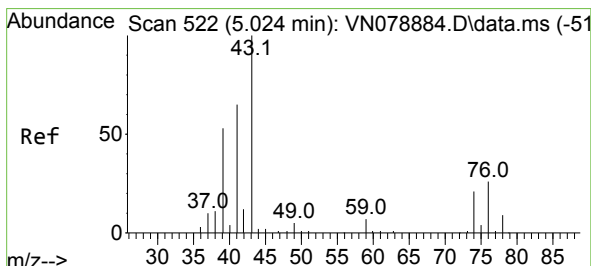
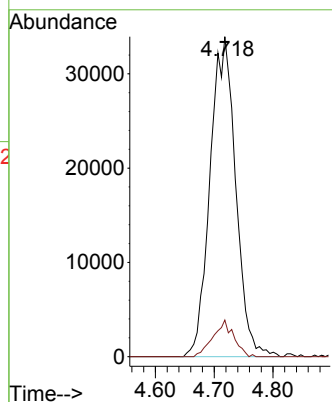
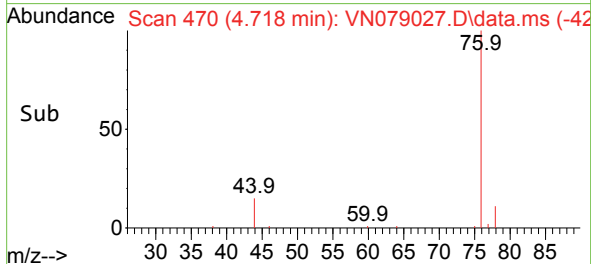


#17
Carbon Disulfide
Concen: 19.979 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :

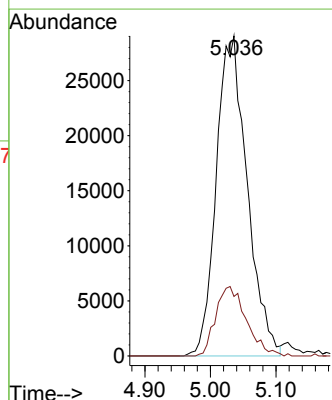
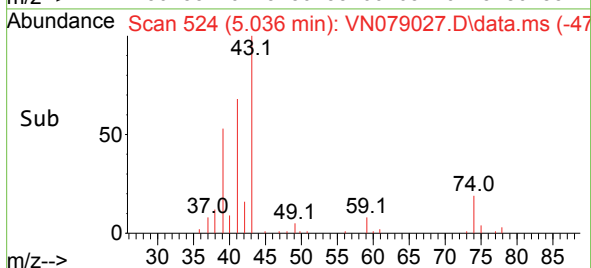
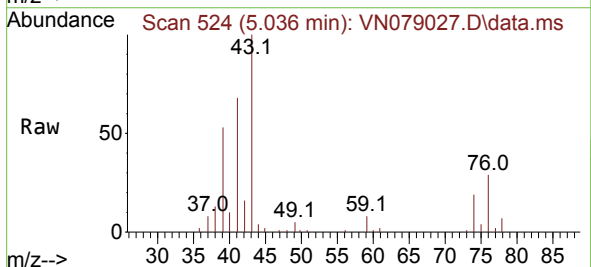


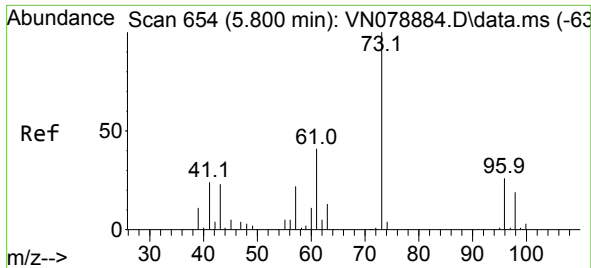
Tgt Ion: 76 Resp: 102768
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#



#18
Methyl Acetate
Concen: 20.460 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 43 Resp: 94990
Ion Ratio Lower Upper
43 100
74 21.5 26.2 39.4#

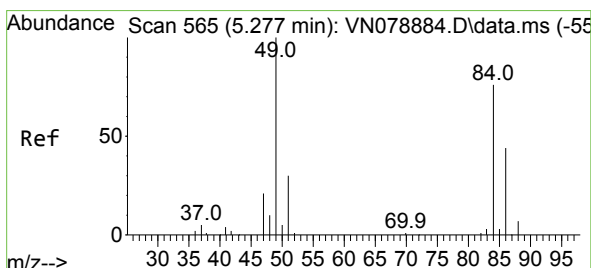
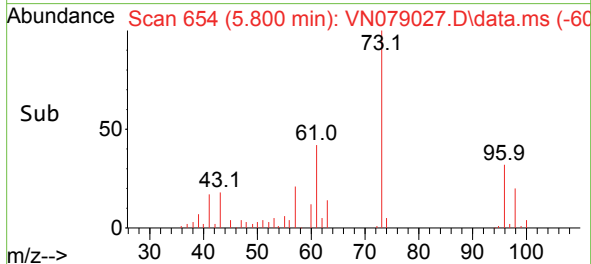
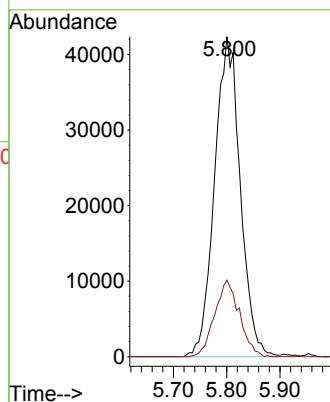
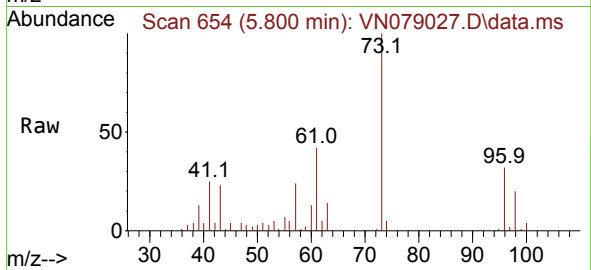




#19
Methyl tert-butyl Ether
Concen: 21.385 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

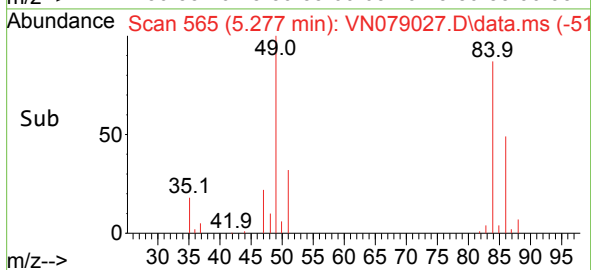
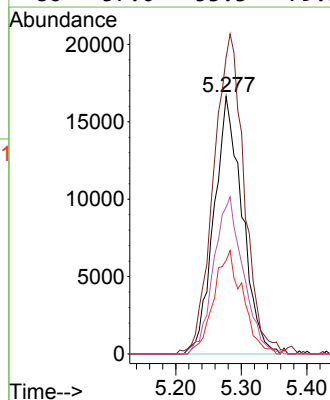
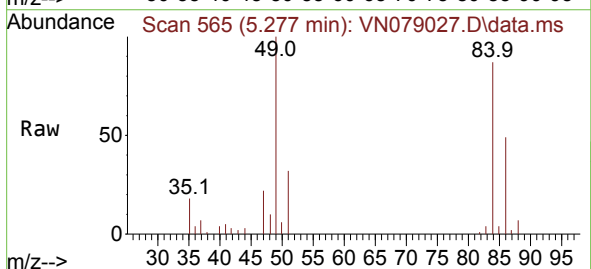
Instrument :
MSVOA_N
ClientSampleId :

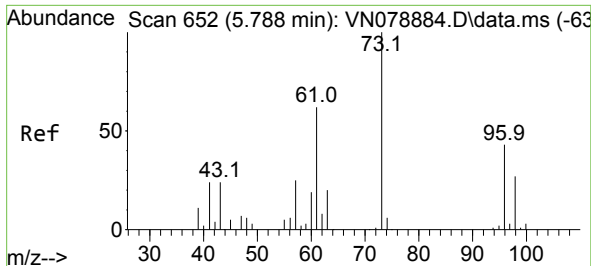
Tgt Ion: 73 Resp: 141558
Ion Ratio Lower Upper
73 100
57 23.9 15.6 23.4#



#20
Methylene Chloride
Concen: 21.247 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 84 Resp: 49763
Ion Ratio Lower Upper
84 100
49 113.7 79.7 119.5
51 36.3 25.2 37.8
86 57.0 53.3 79.9

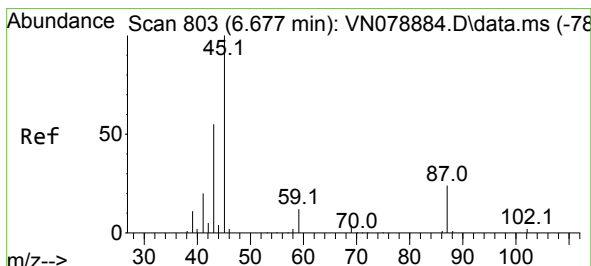
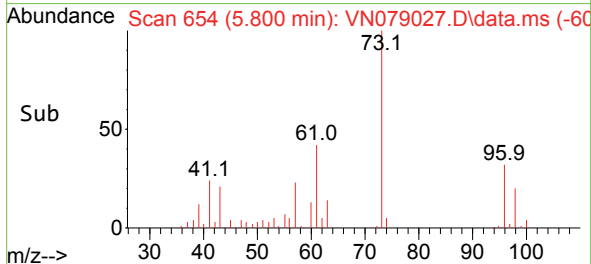
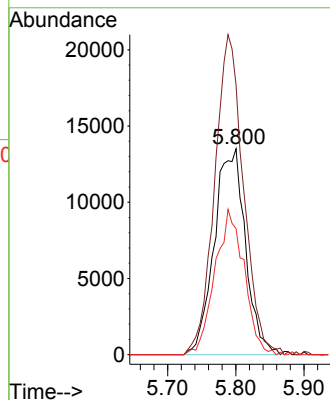
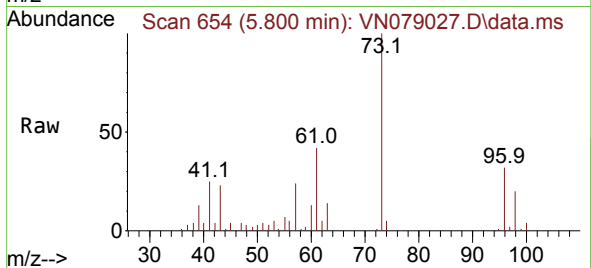




#21
trans-1,2-Dichloroethene
Concen: 20.808 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

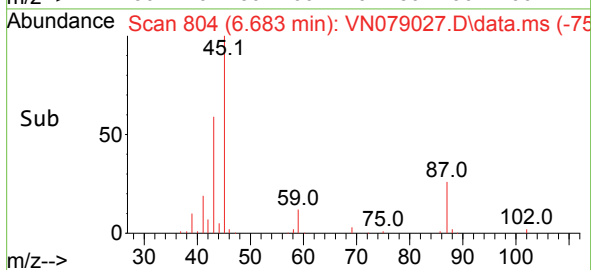
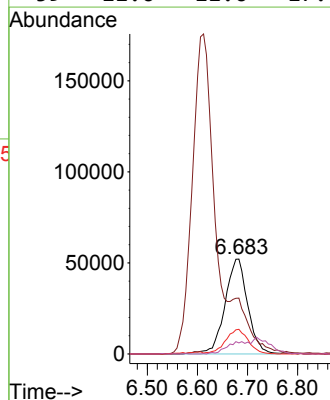
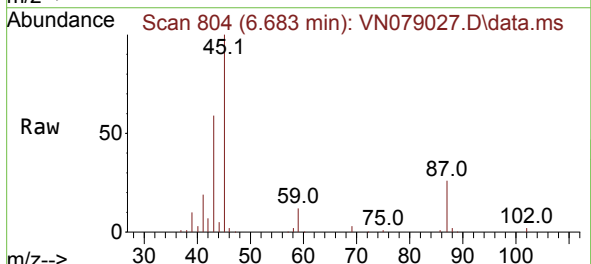
Instrument :
MSVOA_N
ClientSampleId :

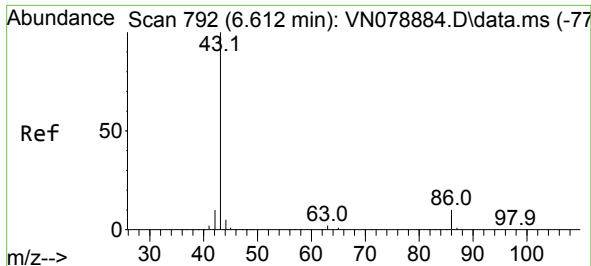
Tgt Ion: 96 Resp: 42878
Ion Ratio Lower Upper
96 100
61 131.1 90.1 135.1
98 61.2 46.4 69.6



#22
Diisopropyl ether
Concen: 21.188 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 45 Resp: 163942
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 25.9 31.8 47.8#
59 11.6 11.6 17.4

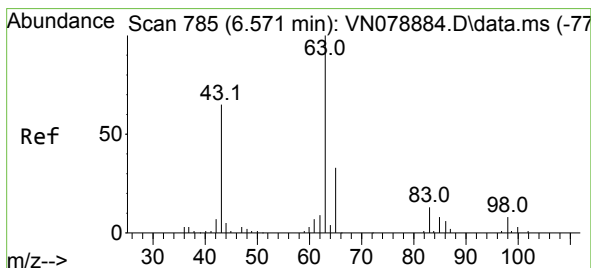
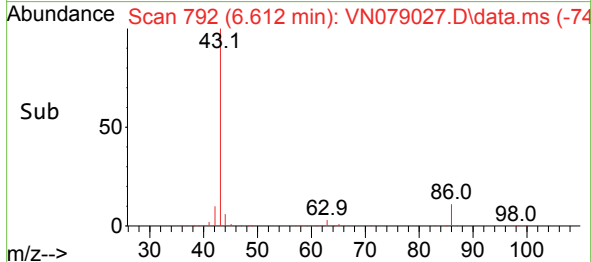
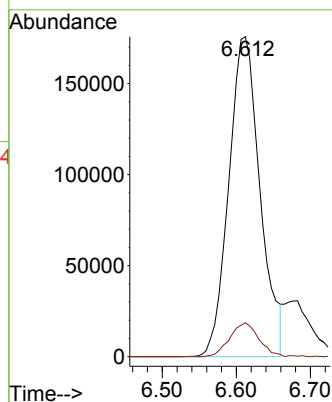
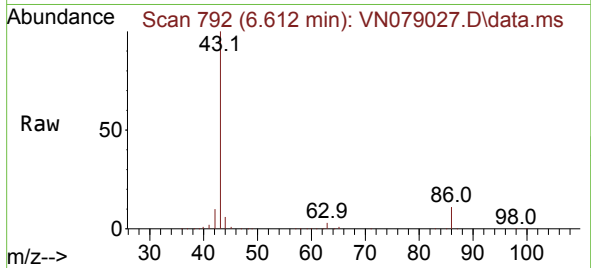




#23
 Vinyl Acetate
 Concen: 101.207 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

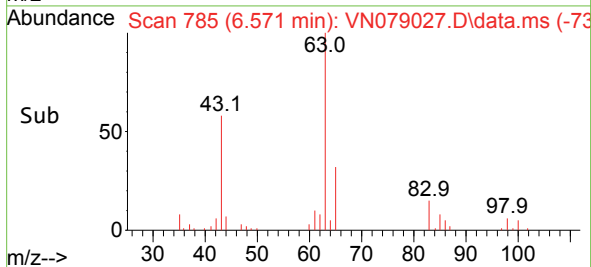
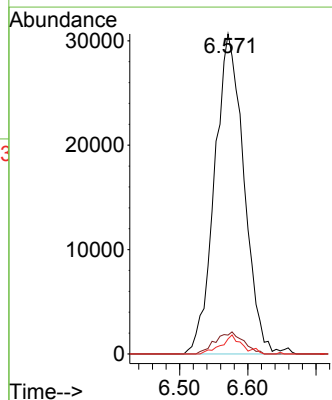
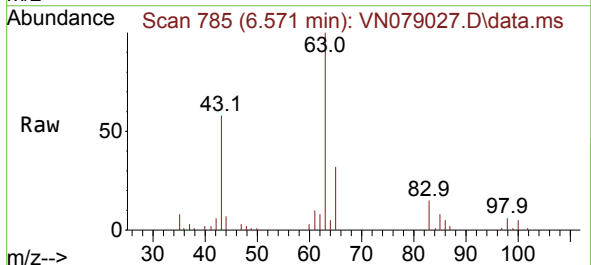
Instrument :
 MSVOA_N
 ClientSampleId :

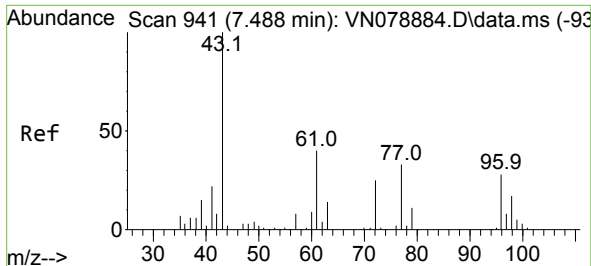
Tgt Ion: 43 Resp: 515609
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.661 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion: 63 Resp: 91559
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.7 2.5 7.4

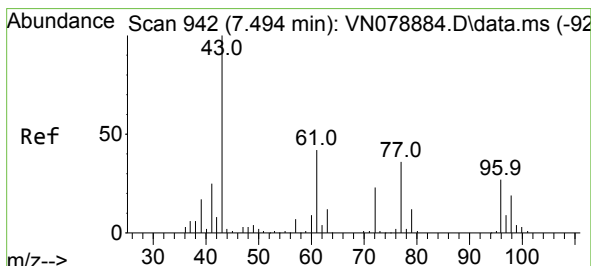
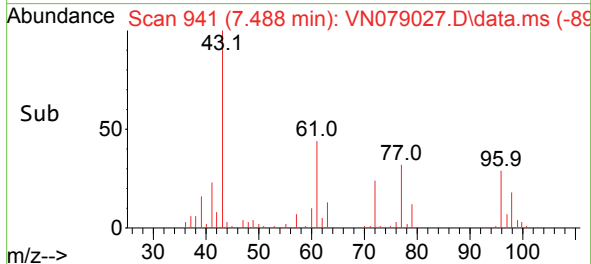
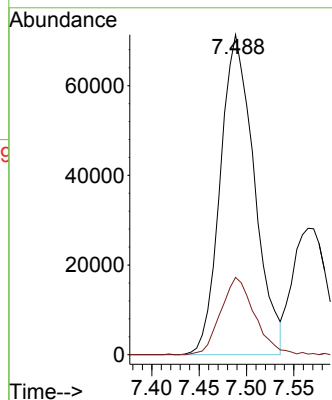
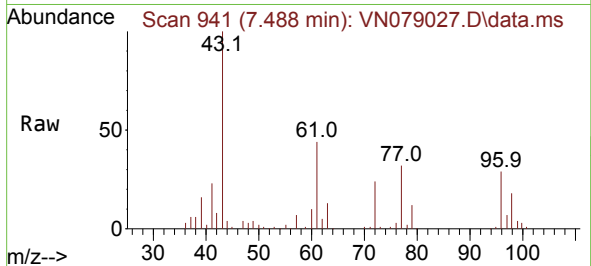




#25
2-Butanone
Concen: 101.224 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

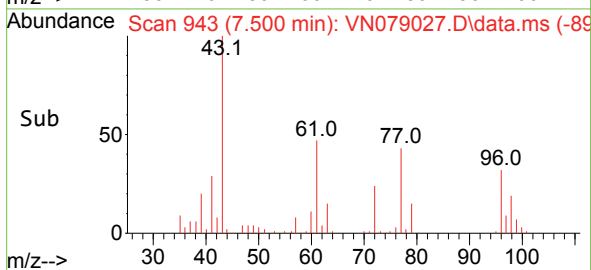
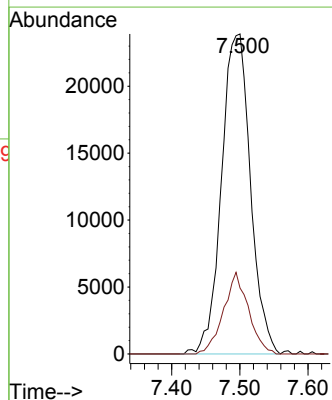
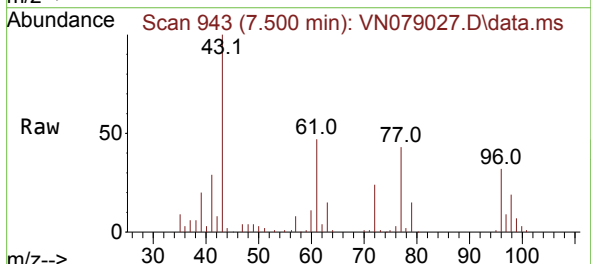
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 178358
Ion Ratio Lower Upper
43 100
72 24.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.665 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 77 Resp: 70604
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.532 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

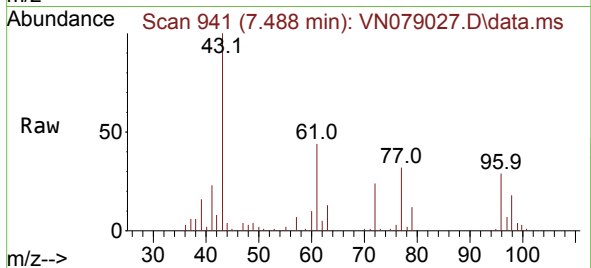
Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :



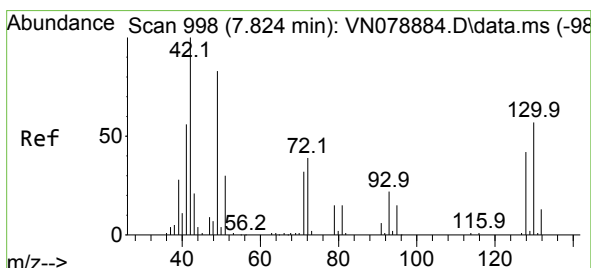
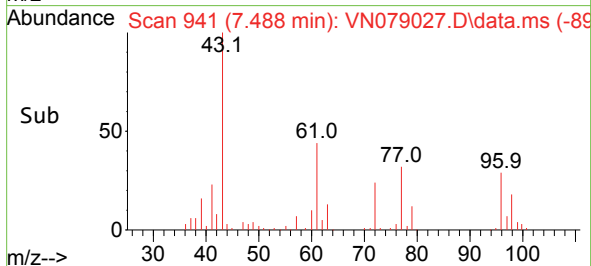
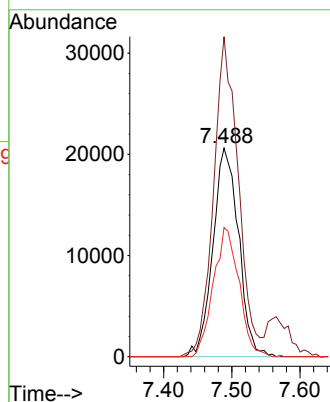
Tgt Ion: 96 Resp: 53929

Ion Ratio Lower Upper

96 100

61 147.5 0.0 255.2

98 61.9 0.0 128.8



#28

Bromochloromethane

Concen: 20.870 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.012 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

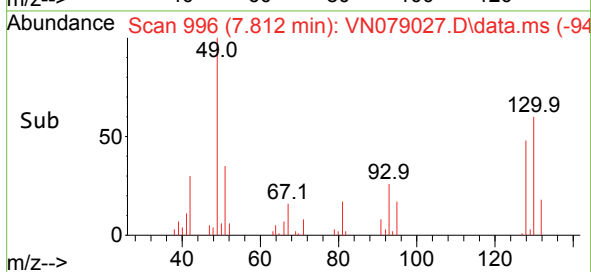
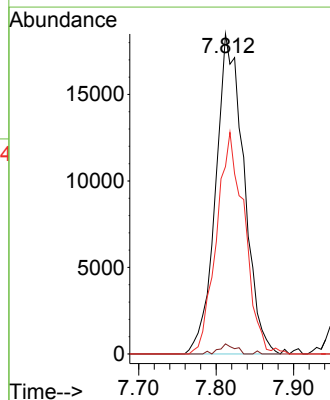
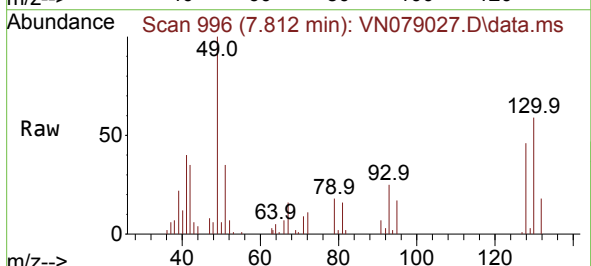
Tgt Ion: 49 Resp: 46795

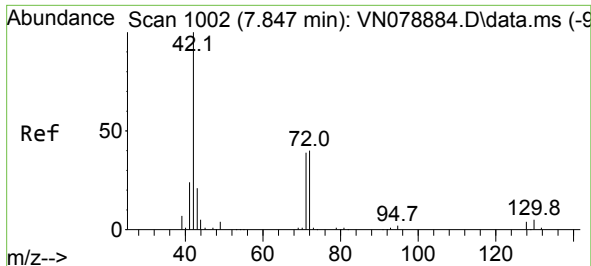
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

130 68.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.134 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

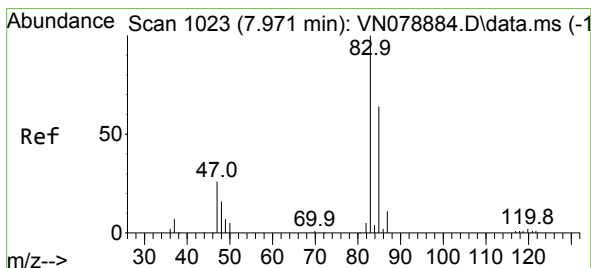
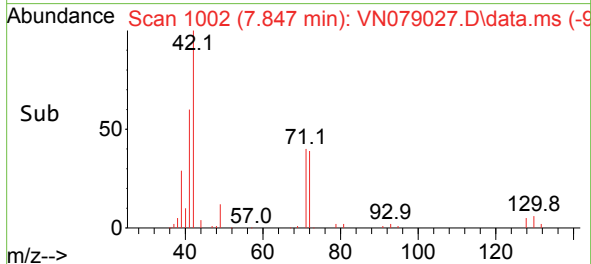
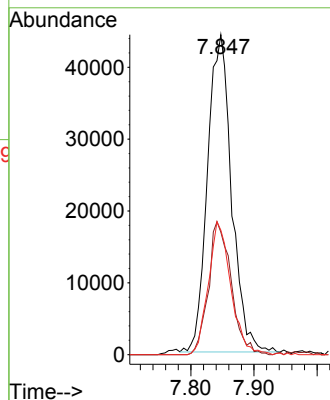
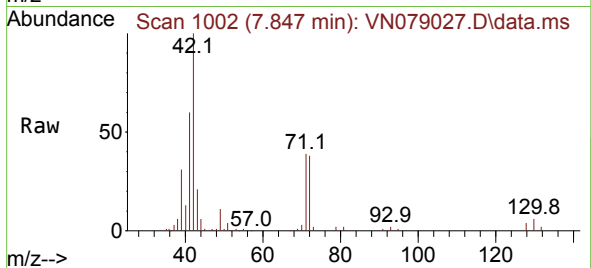
Tgt Ion: 42 Resp: 116784

Ion Ratio Lower Upper

42 100

72 39.8 49.8 74.6#

71 39.1 47.4 71.2#



#30

Chloroform

Concen: 22.117 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079027.D

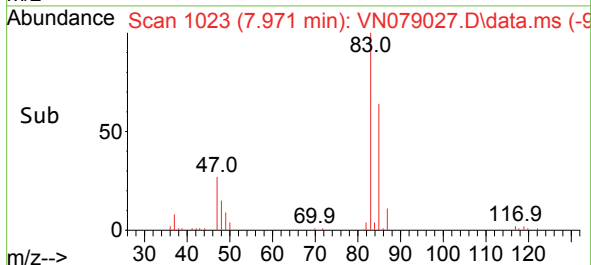
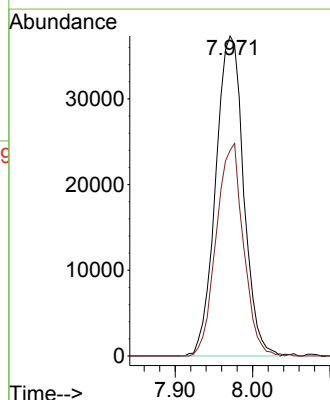
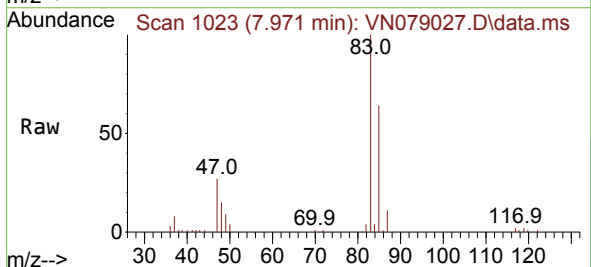
Acq: 24 Aug 2023 13:30

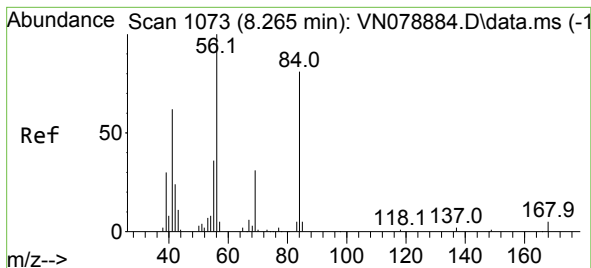
Tgt Ion: 83 Resp: 93397

Ion Ratio Lower Upper

83 100

85 64.3 55.4 83.0





#31

Cyclohexane

Concen: 19.794 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

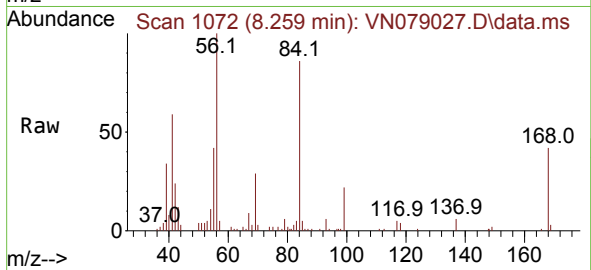
Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :



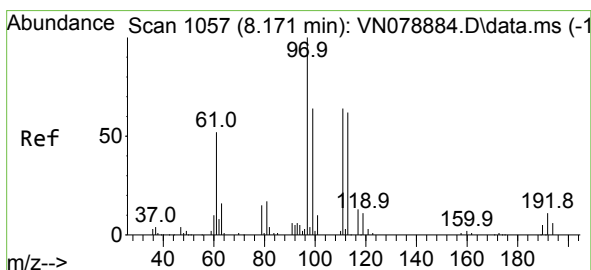
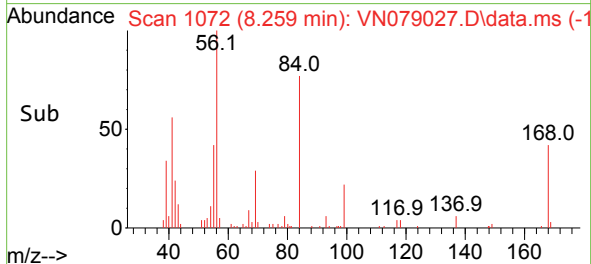
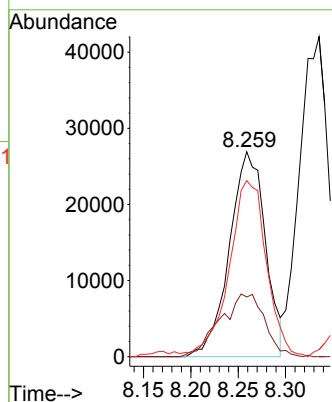
Tgt Ion: 56 Resp: 71052

Ion Ratio Lower Upper

56 100

69 29.1 26.8 40.2

84 84.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 21.872 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

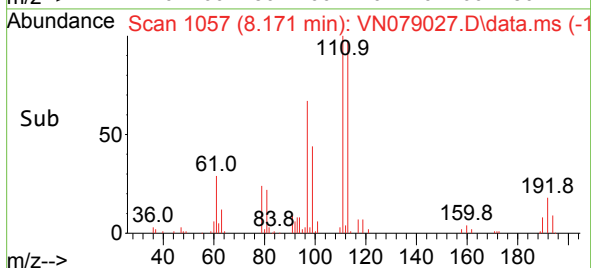
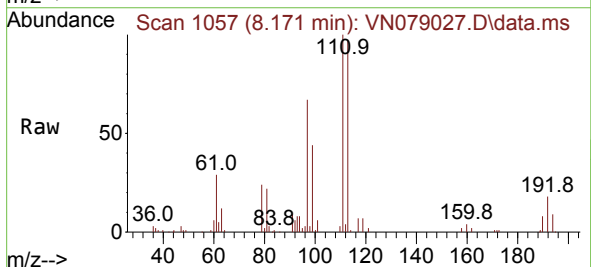
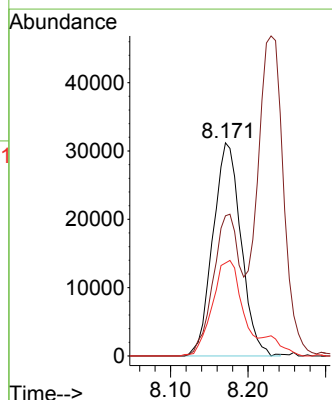
Tgt Ion: 97 Resp: 78756

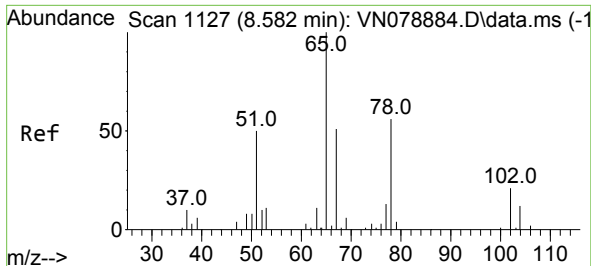
Ion Ratio Lower Upper

97 100

99 62.6 50.3 75.5

61 48.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.702 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

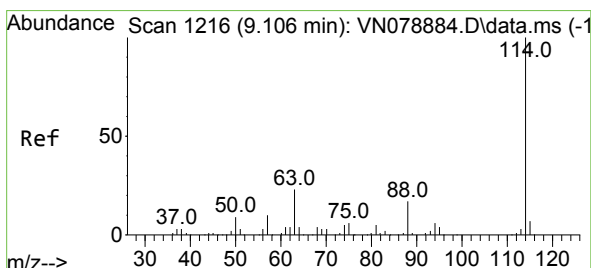
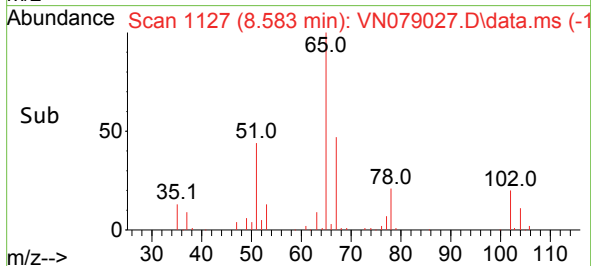
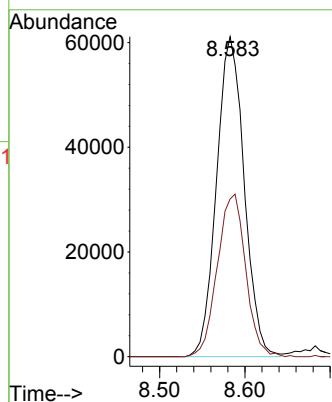
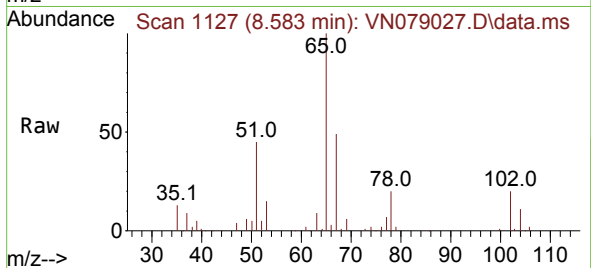
ClientSampleId :

Tgt Ion: 65 Resp: 137709

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

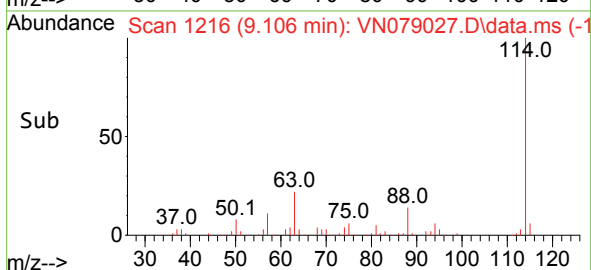
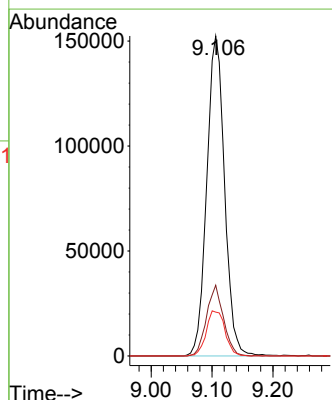
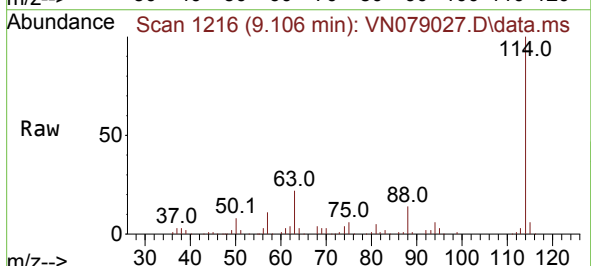
Tgt Ion: 114 Resp: 309882

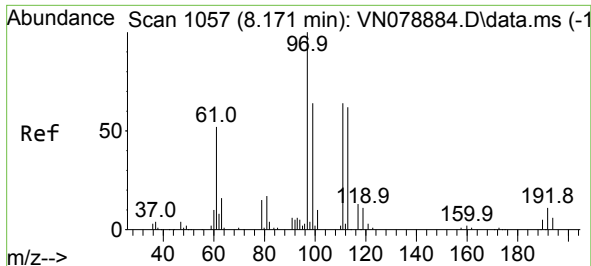
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

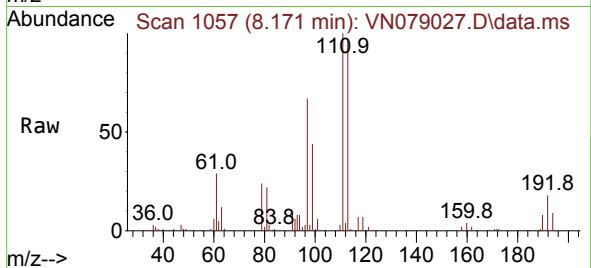
88 13.7 0.0 30.6



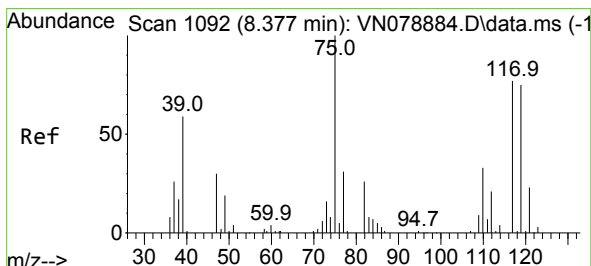
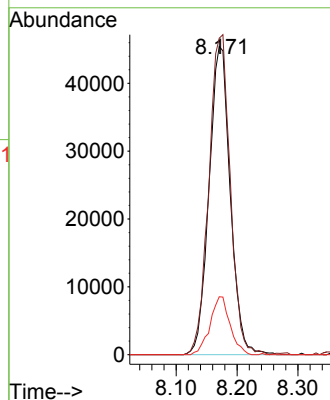
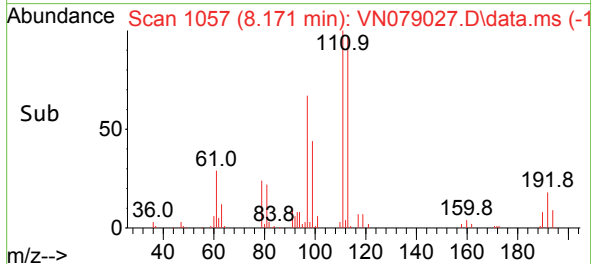


#35
Dibromofluoromethane
Concen: 52.726 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :

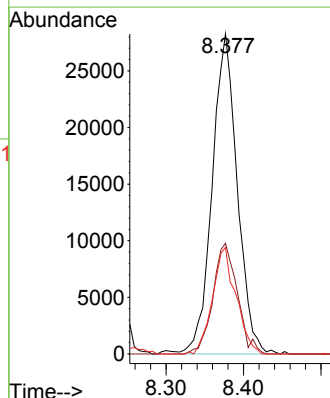
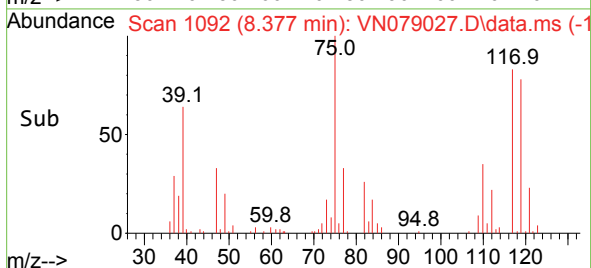
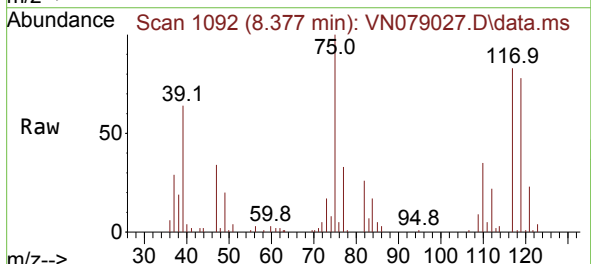


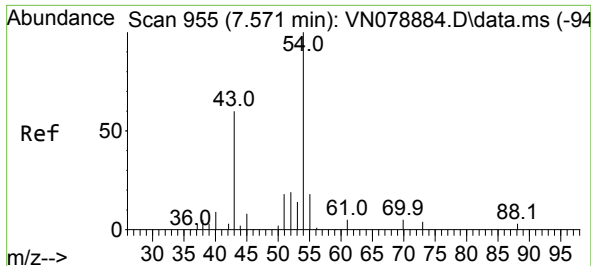
Tgt Ion:113 Resp: 109984
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.253 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 75 Resp: 63550
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 20.964 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

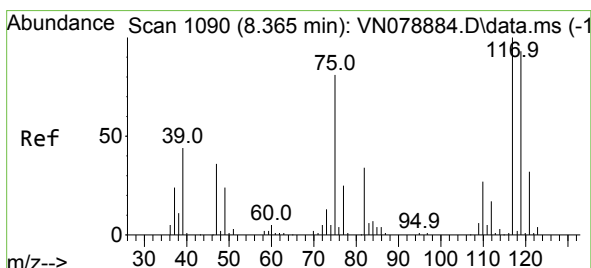
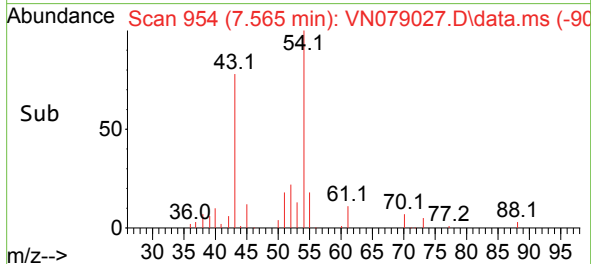
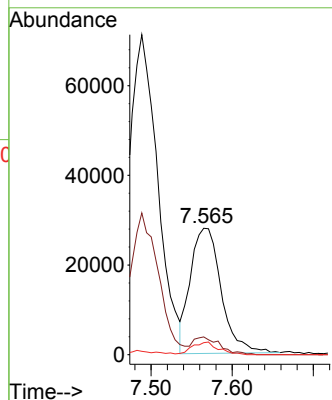
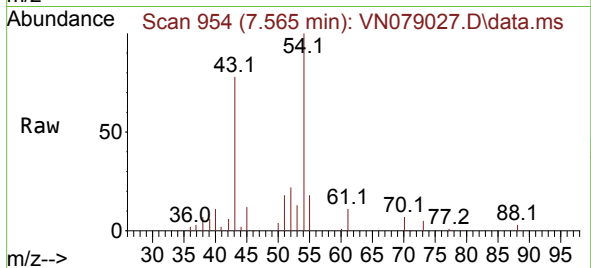
Tgt Ion: 43 Resp: 73599

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 8.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 21.473 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

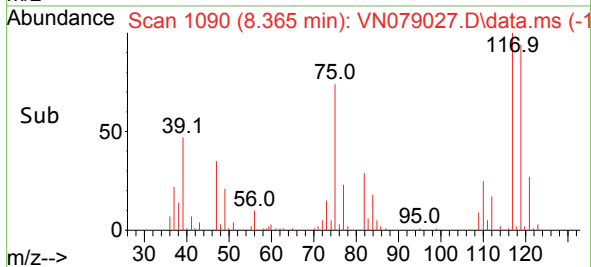
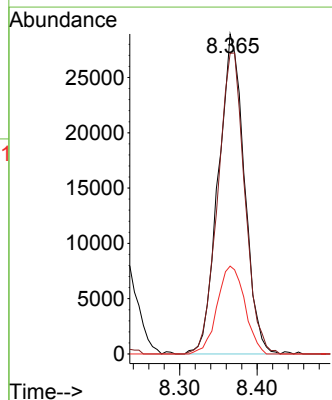
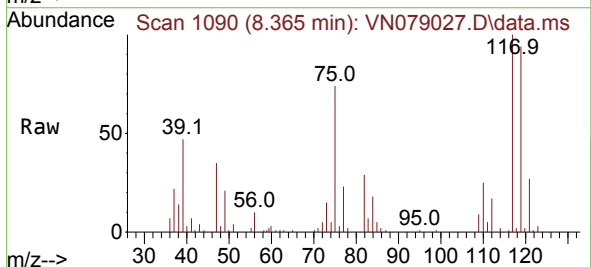
Tgt Ion: 117 Resp: 67512

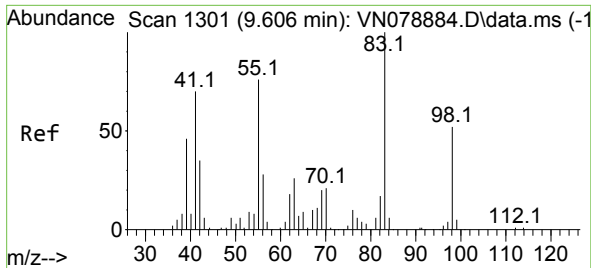
Ion Ratio Lower Upper

117 100

119 93.9 77.3 115.9

121 27.5 23.3 34.9

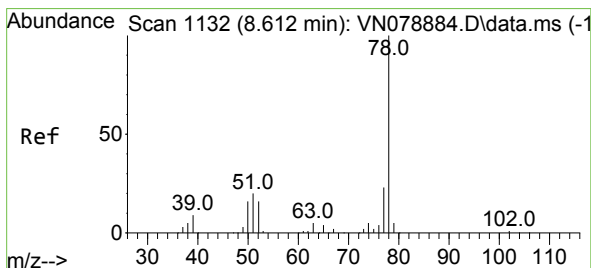
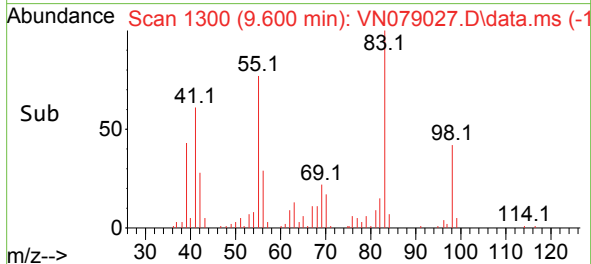
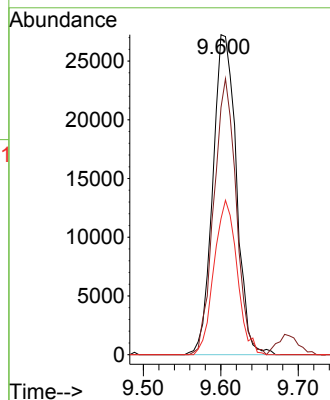
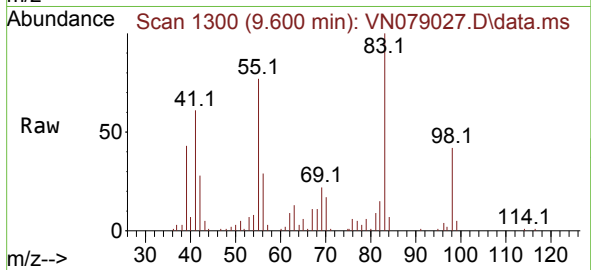




#39
Methylcyclohexane
Concen: 19.949 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

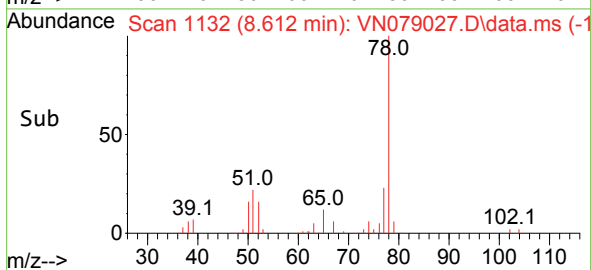
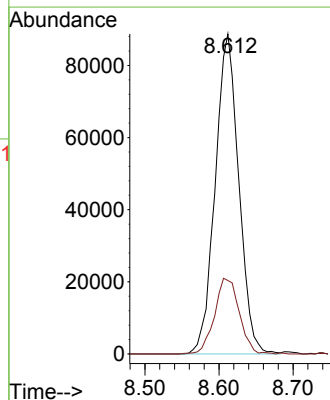
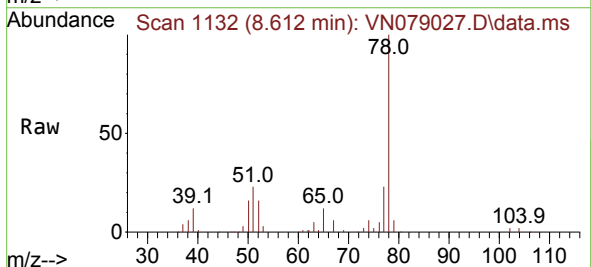
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 57570
Ion Ratio Lower Upper
83 100
55 77.2 49.1 73.7#
98 42.5 40.6 61.0



#40
Benzene
Concen: 21.106 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 78 Resp: 195752
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

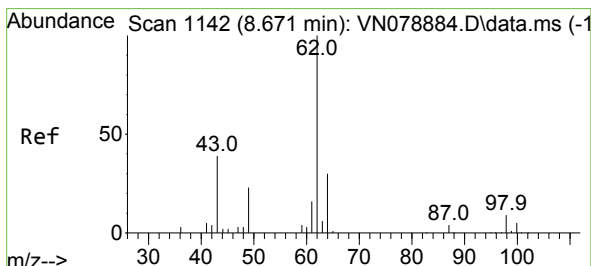
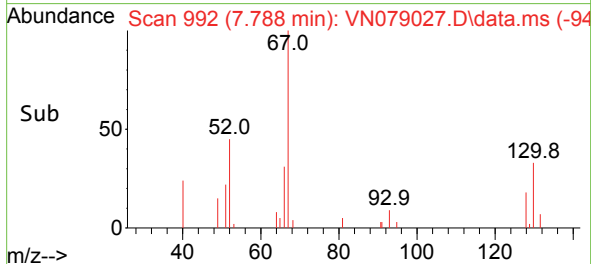
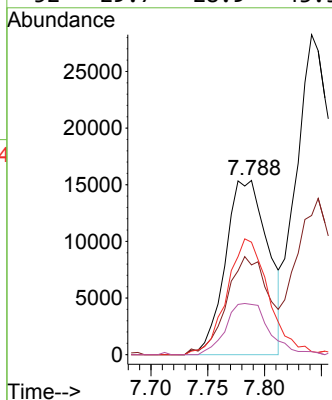
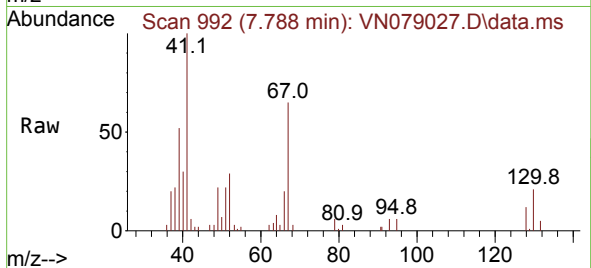




#41
Methacrylonitrile
Concen: 21.109 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

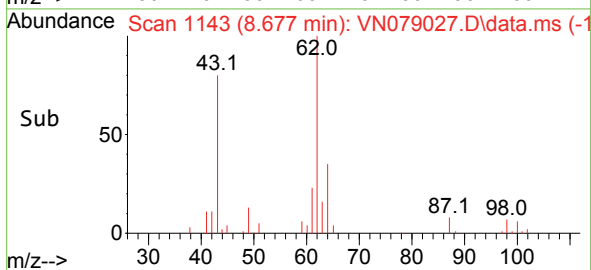
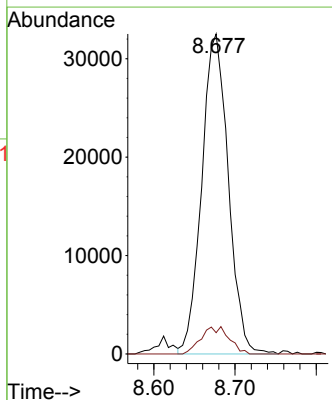
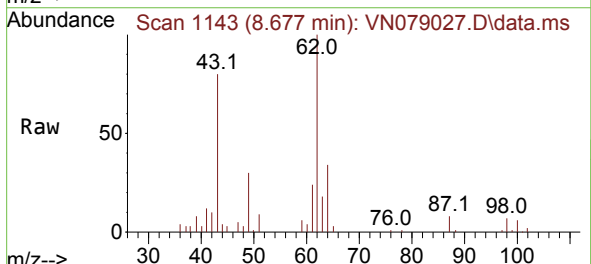
Instrument :
MSVOA_N
ClientSampleId :

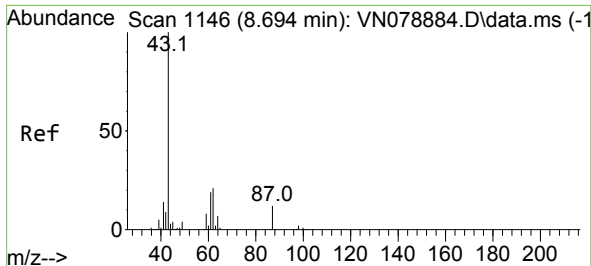
Tgt Ion:	41	Resp:	40362
Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.6	64.0
67	64.8	77.5	116.3
52	29.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.351 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion:	62	Resp:	73981
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

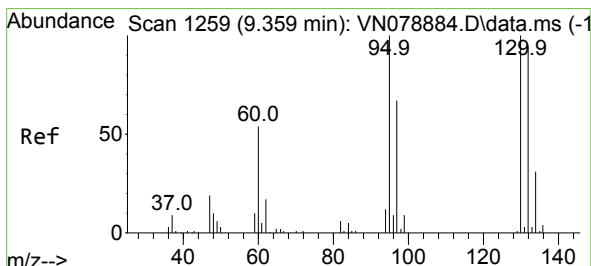
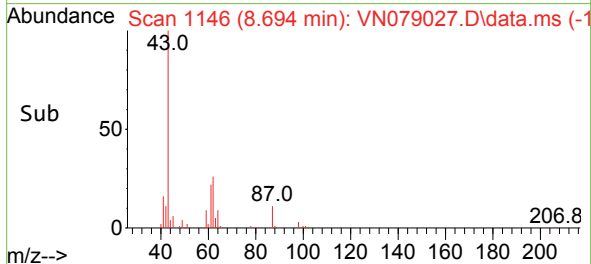
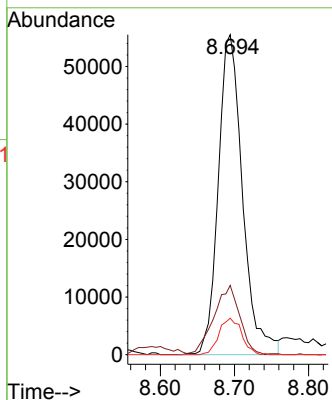
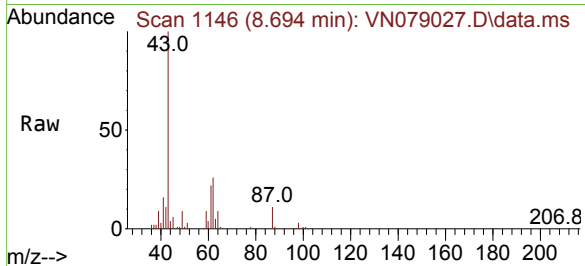




#43
Isopropyl Acetate
Concen: 20.380 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

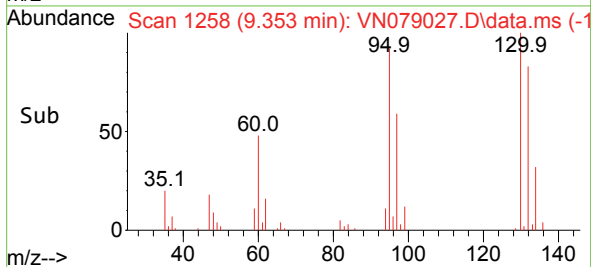
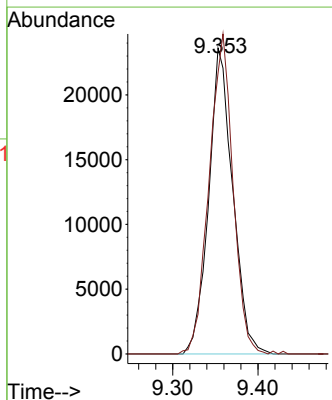
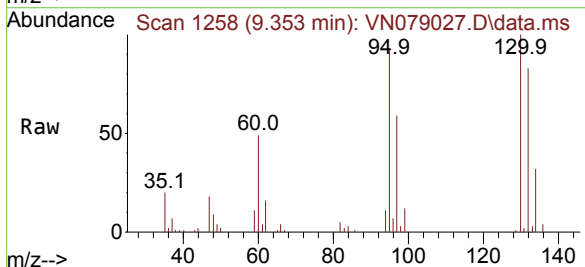
Instrument :
MSVOA_N
ClientSampleId :

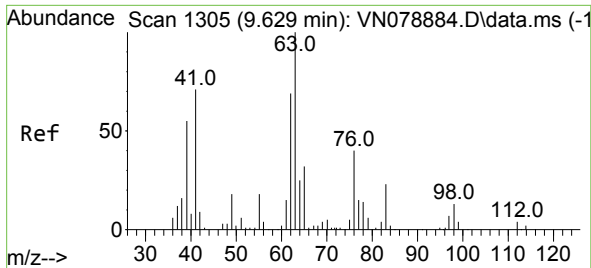
Tgt Ion: 43 Resp: 126462
Ion Ratio Lower Upper
43 100
61 23.2 24.7 37.1#
87 10.6 14.6 21.8#



#44
Trichloroethene
Concen: 21.039 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion:130 Resp: 46365
Ion Ratio Lower Upper
130 100
95 91.8 0.0 204.6

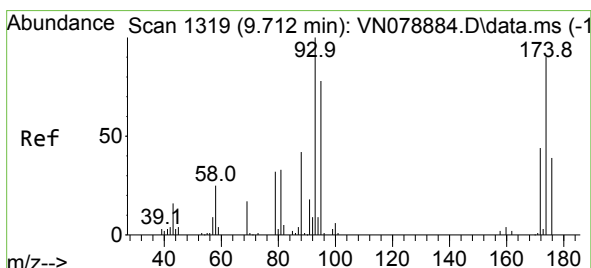
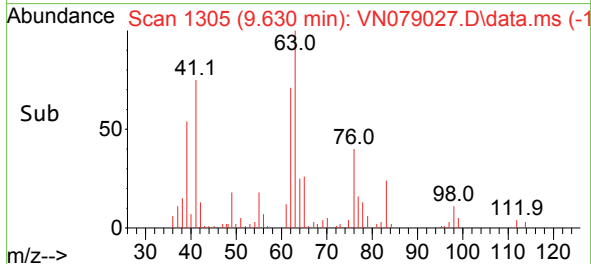
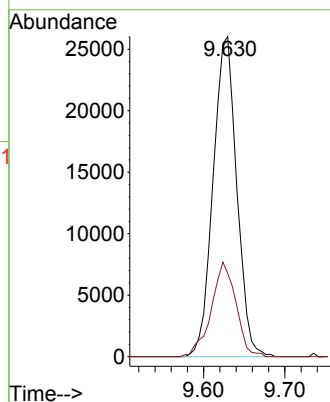
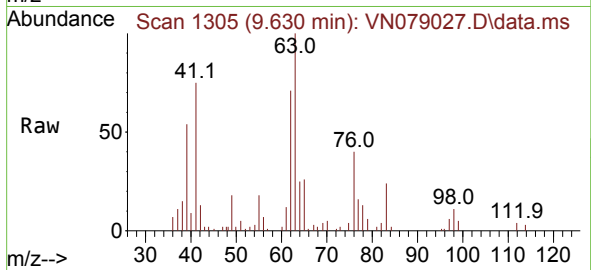




#45
1,2-Dichloropropane
Concen: 21.358 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

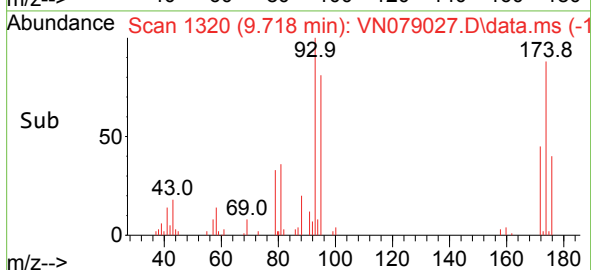
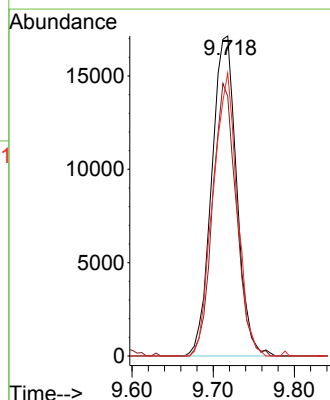
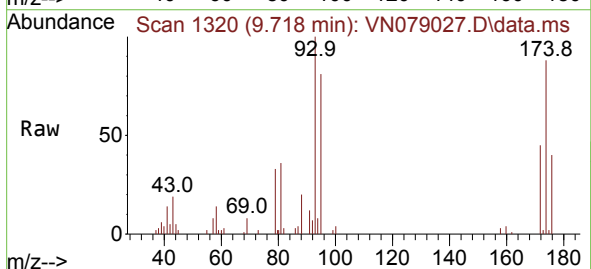
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 52741
Ion Ratio Lower Upper
63 100
65 26.0 23.9 35.9



#46
Dibromomethane
Concen: 21.656 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 93 Resp: 36678
Ion Ratio Lower Upper
93 100
95 80.8 63.8 95.8
174 85.6 65.6 98.4

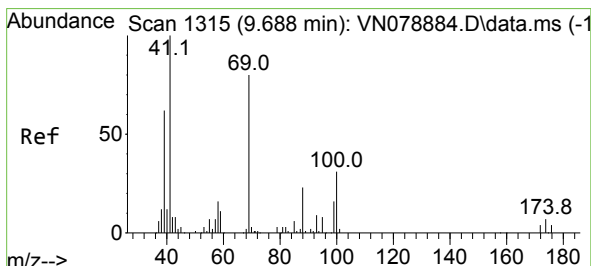
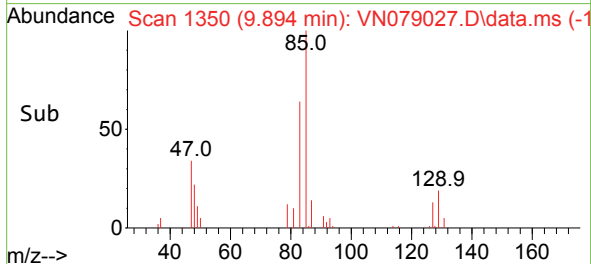
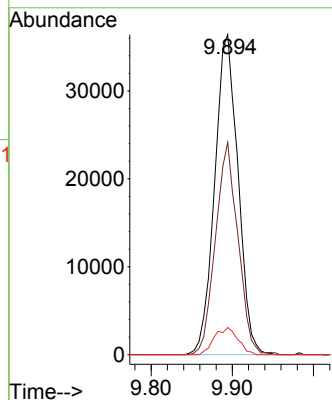
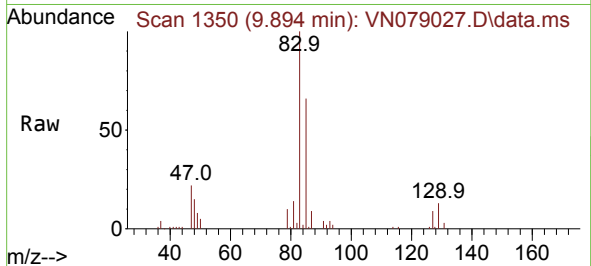




#47
Bromodichloromethane
Concen: 21.751 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

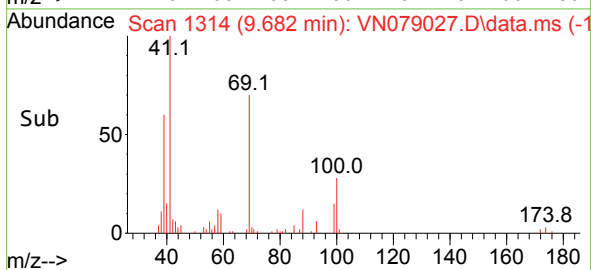
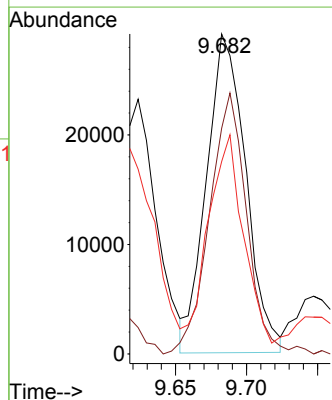
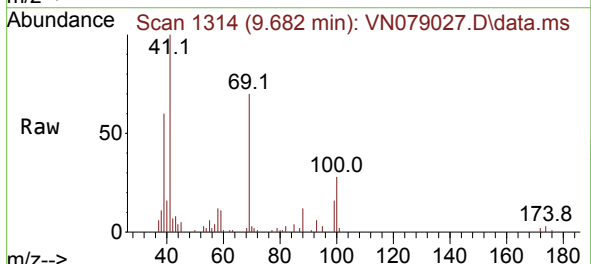
Instrument :
MSVOA_N
ClientSampleId :

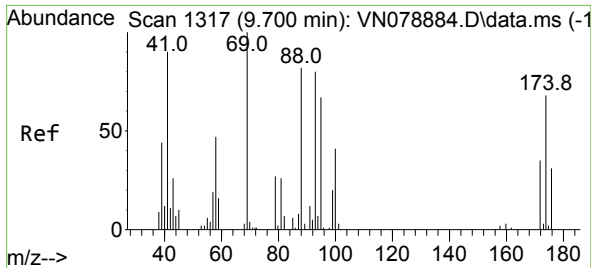
Tgt Ion: 83 Resp: 72747
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.890 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 41 Resp: 55929
Ion Ratio Lower Upper
41 100
69 77.8 90.4 135.6#
39 63.6 54.6 81.8

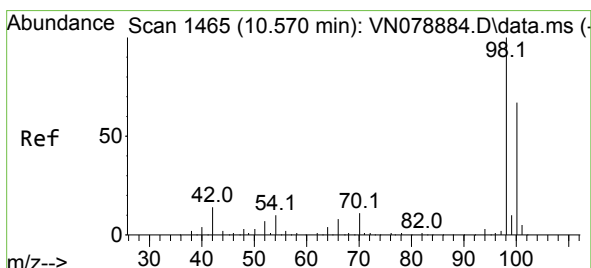
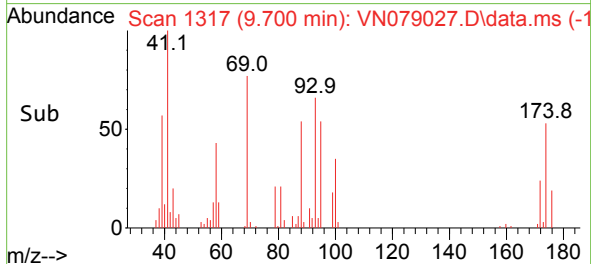
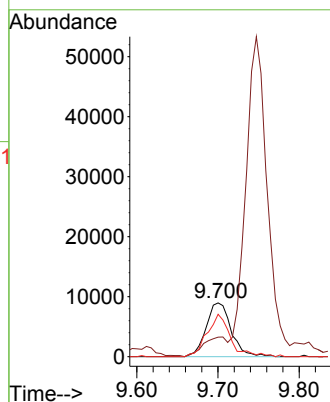
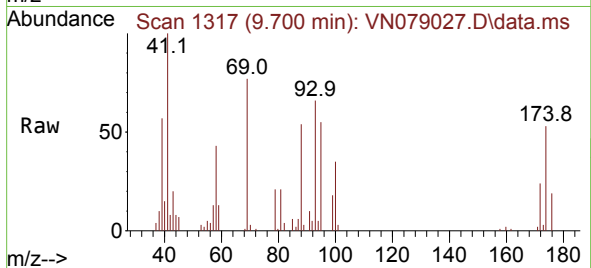




#49
1,4-Dioxane
Concen: 401.981 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

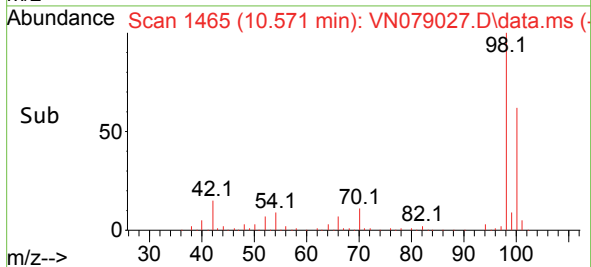
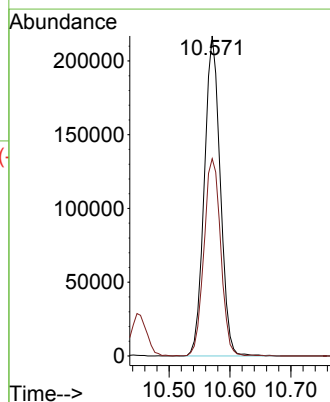
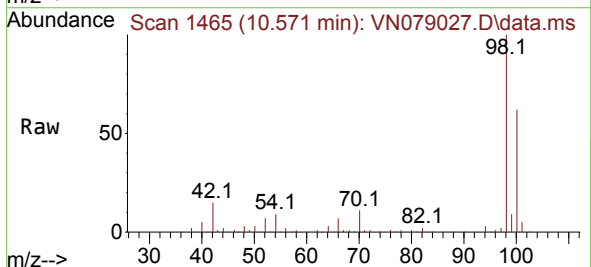
Instrument :
MSVOA_N
ClientSampleId :

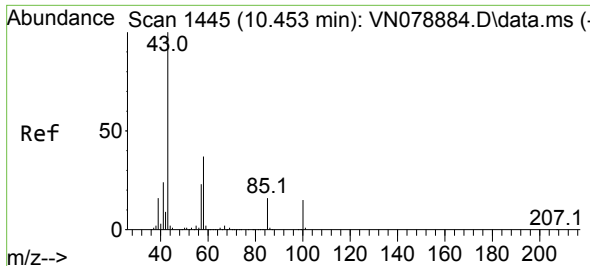
Tgt Ion: 88 Resp: 19253
Ion Ratio Lower Upper
88 100
43 34.7 17.0 25.6#
58 74.1 47.0 70.4#



#50
Toluene-d8
Concen: 50.897 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 98 Resp: 394217
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

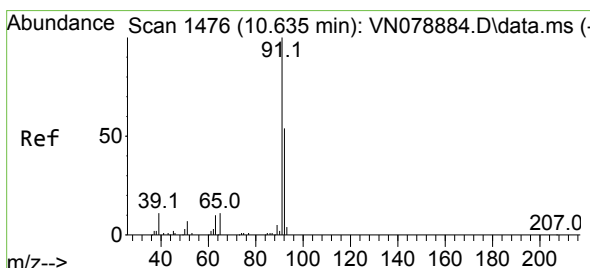
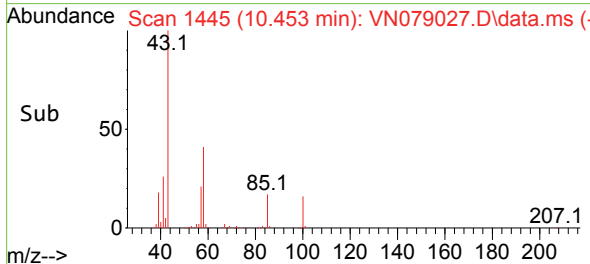
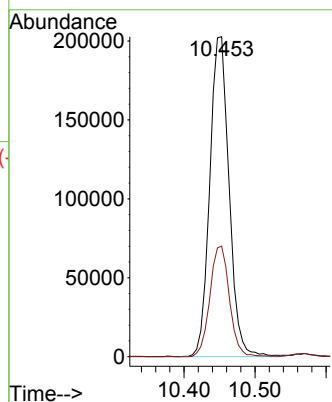
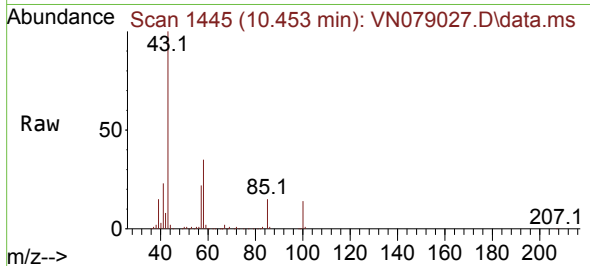




#51
4-Methyl-2-Pentanone
Concen: 104.082 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

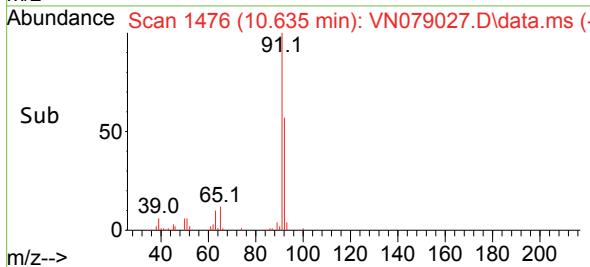
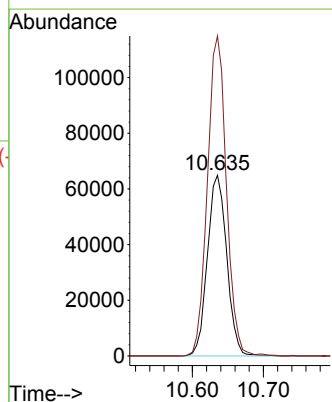
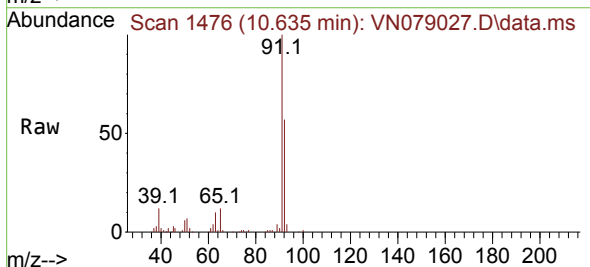
Instrument :
MSVOA_N
ClientSampleId :

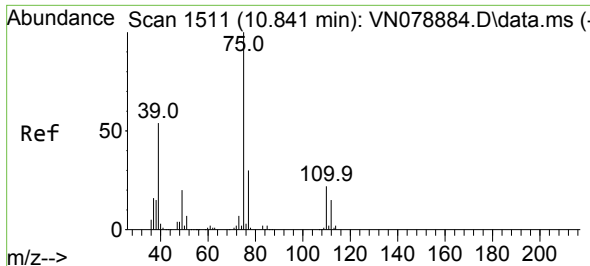
Tgt Ion: 43 Resp: 383061
Ion Ratio Lower Upper
43 100
58 35.0 36.6 54.8#



#52
Toluene
Concen: 21.559 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 92 Resp: 122764
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0

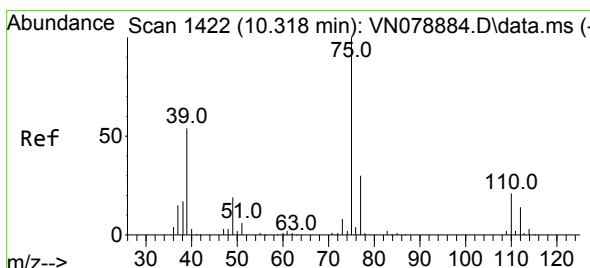
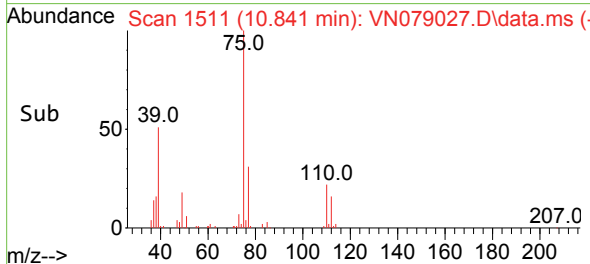
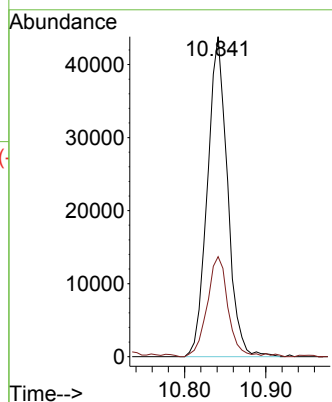
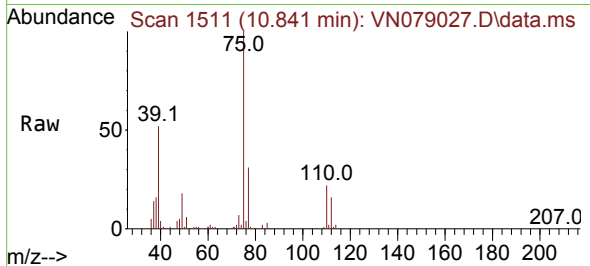




#53
 t-1,3-Dichloropropene
 Concen: 20.952 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

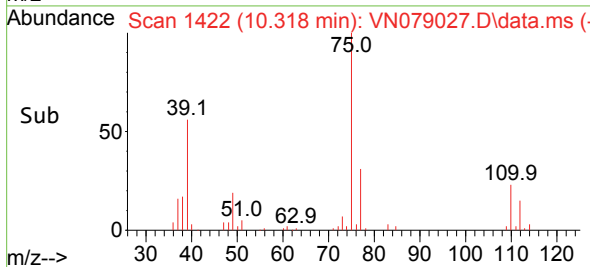
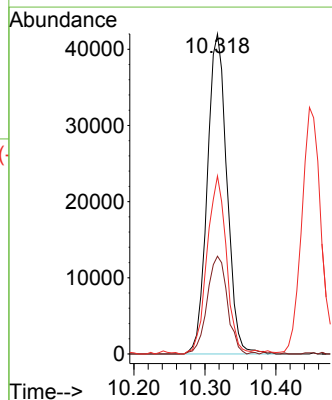
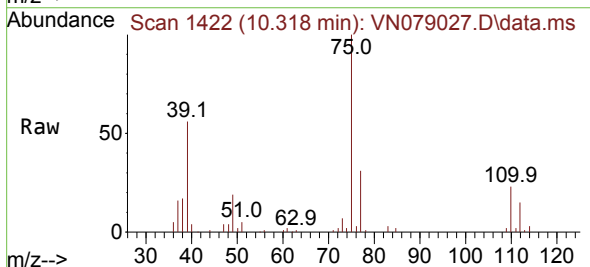
Instrument :
 MSVOA_N
 ClientSampleId :

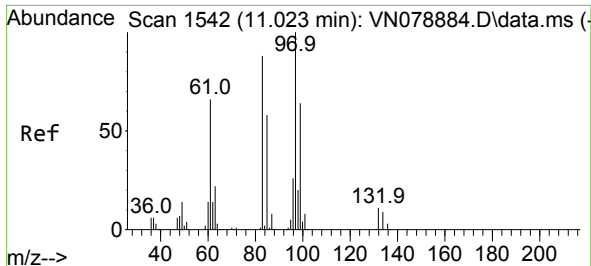
Tgt Ion: 75 Resp: 75147
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.662 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

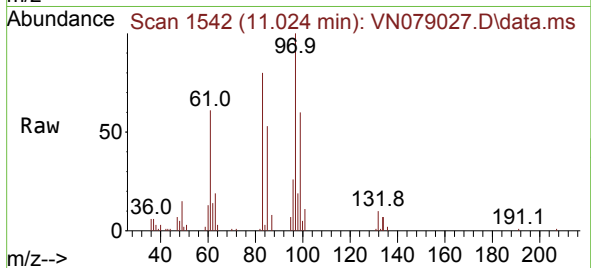
Tgt Ion: 75 Resp: 80709
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 55.6 31.6 47.4#



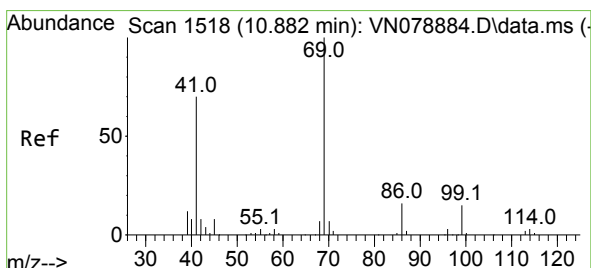
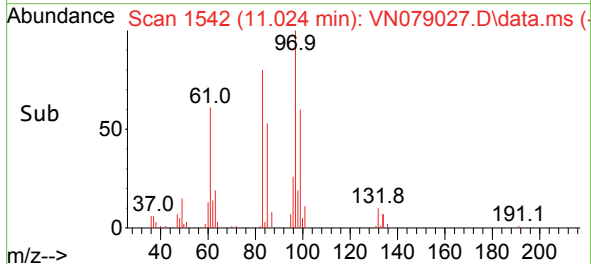
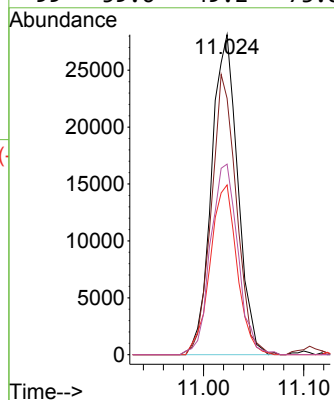


#55
1,1,2-Trichloroethane
Concen: 22.395 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :

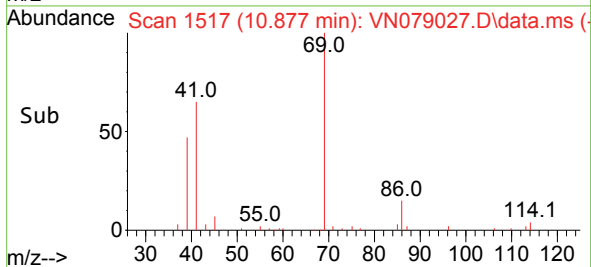
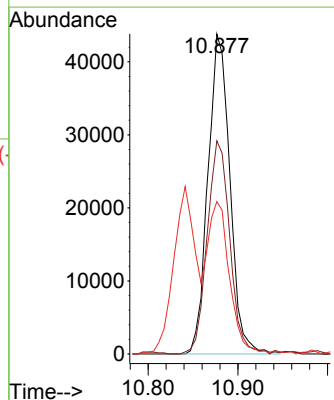
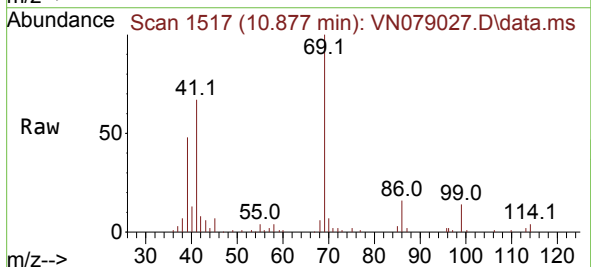


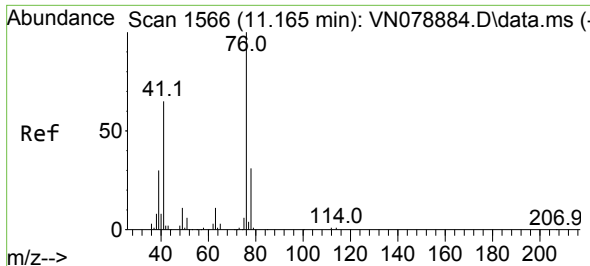
Tgt Ion: 97	Resp: 51133
Ion Ratio	Lower Upper
97 100	
83 80.1	65.1 97.7
85 53.0	43.4 65.2
99 59.6	49.2 73.8



#56
Ethyl methacrylate
Concen: 21.057 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 69	Resp: 74526
Ion Ratio	Lower Upper
69 100	
41 68.6	39.6 59.4#
39 46.9	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 20.827 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

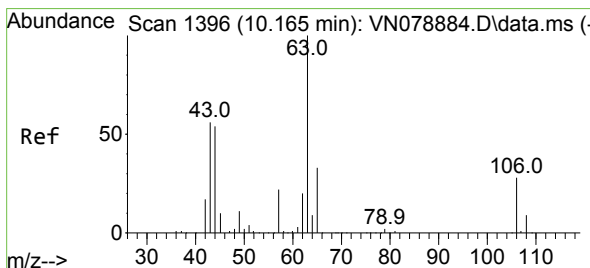
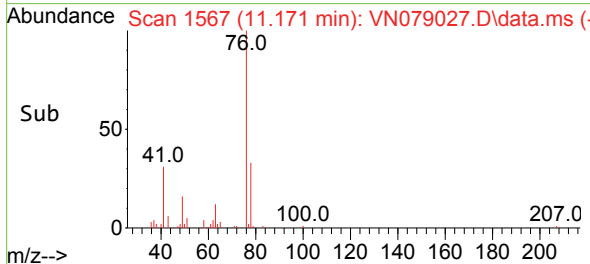
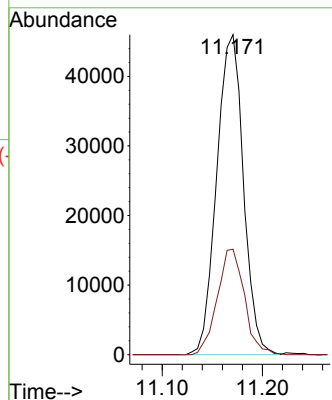
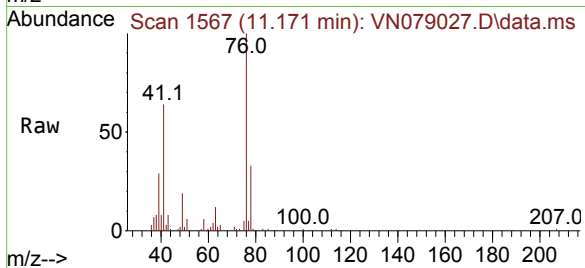
ClientSampleId :

Tgt Ion: 76 Resp: 85052

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.598 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079027.D

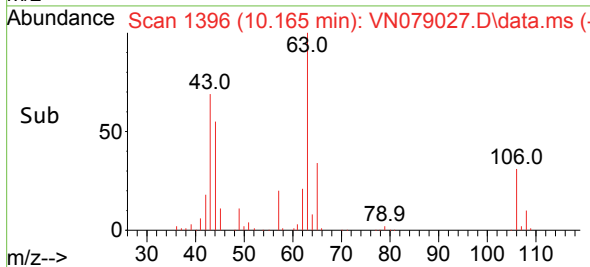
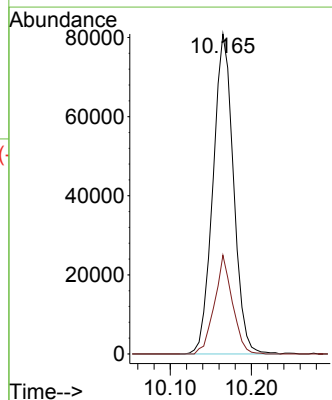
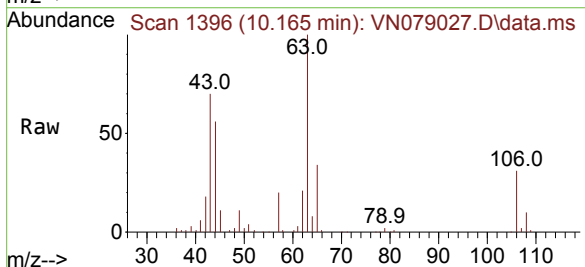
Acq: 24 Aug 2023 13:30

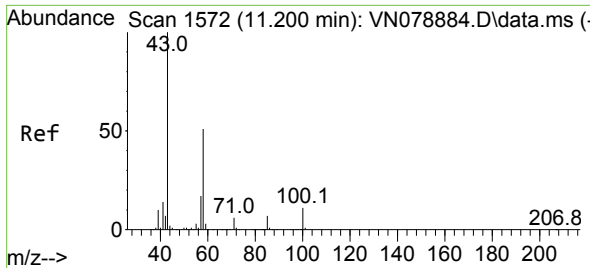
Tgt Ion: 63 Resp: 142028

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

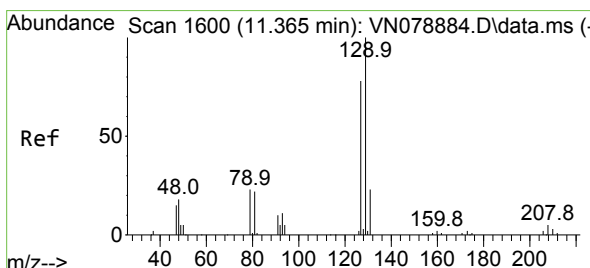
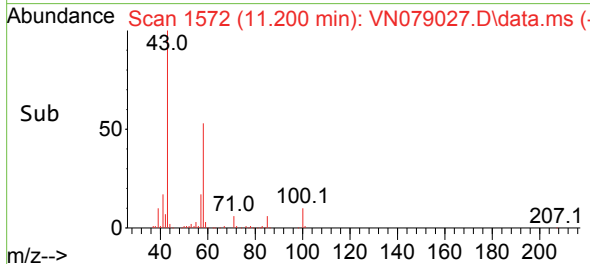
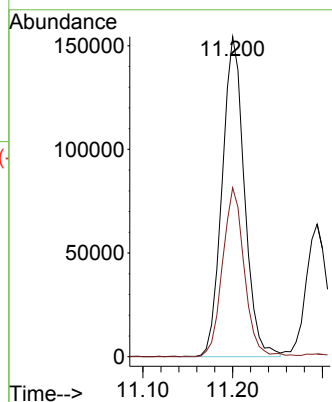
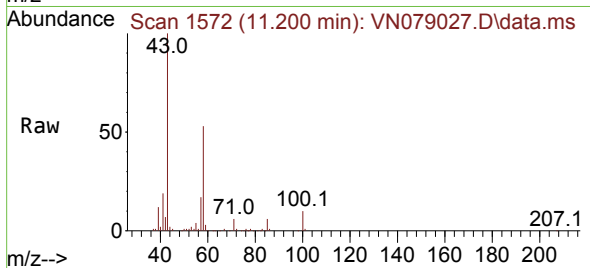




#59
2-Hexanone
Concen: 99.710 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

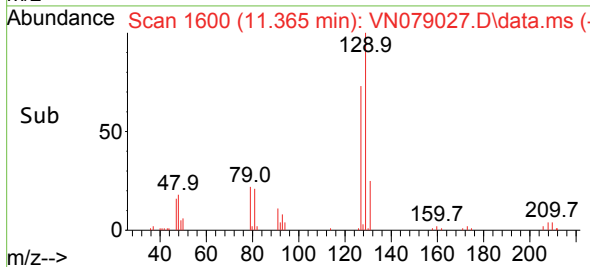
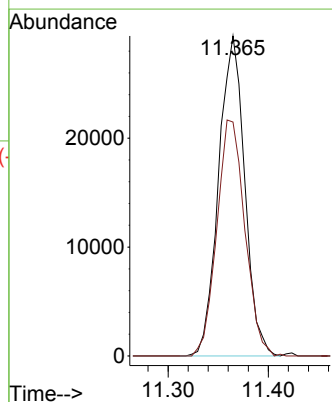
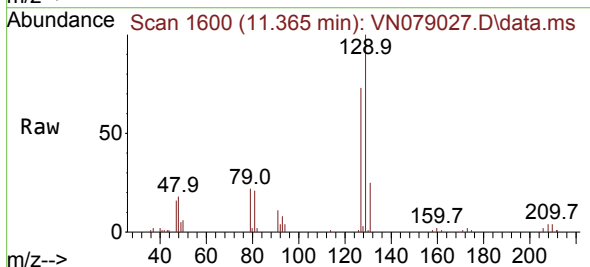
Instrument :
MSVOA_N
ClientSampleId :

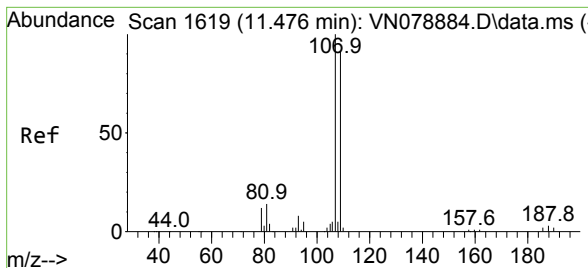
Tgt Ion: 43 Resp: 265794
Ion Ratio Lower Upper
43 100
58 51.7 31.7 95.1



#60
Dibromochloromethane
Concen: 22.054 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion:129 Resp: 52988
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.176 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

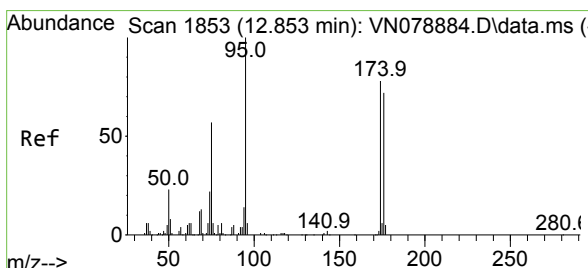
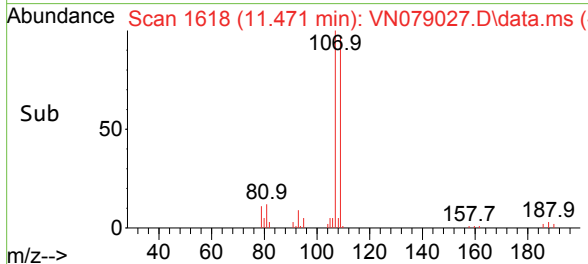
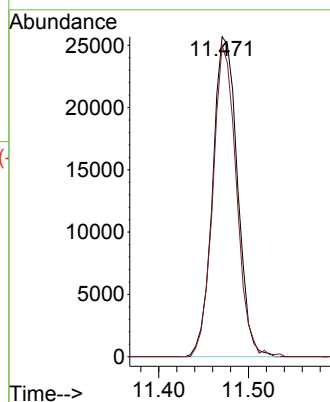
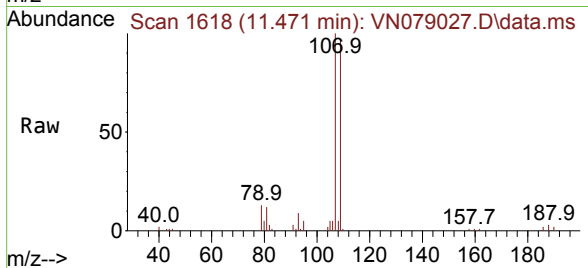
ClientSampleId :

Tgt Ion:107 Resp: 49132

Ion Ratio Lower Upper

107 100

109 92.8 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.729 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

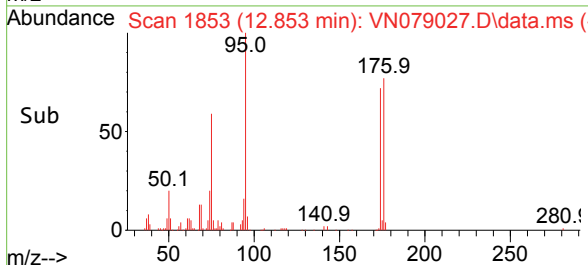
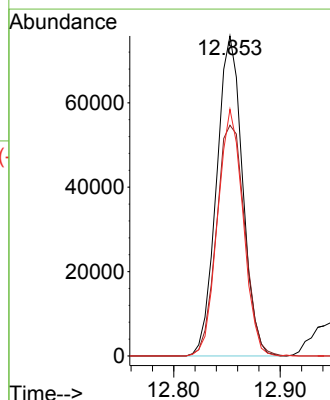
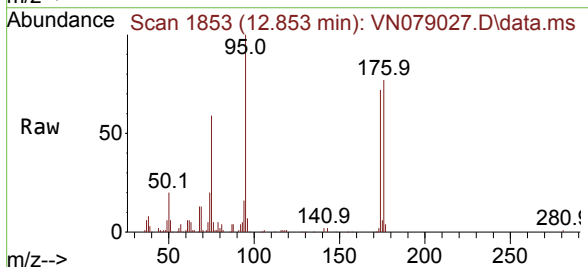
Tgt Ion: 95 Resp: 128427

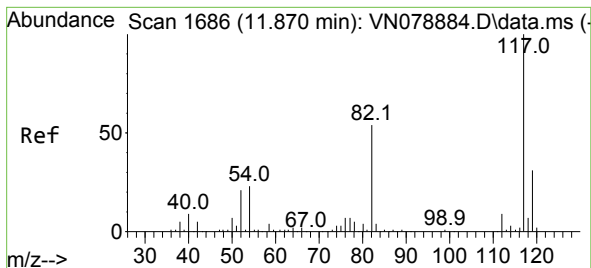
Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.8

176 75.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

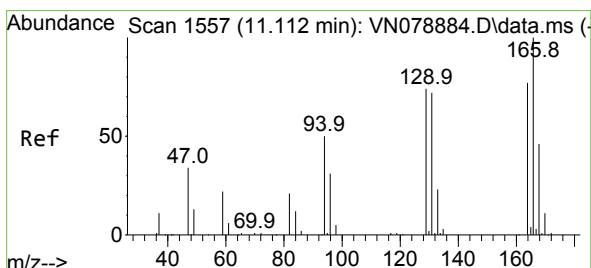
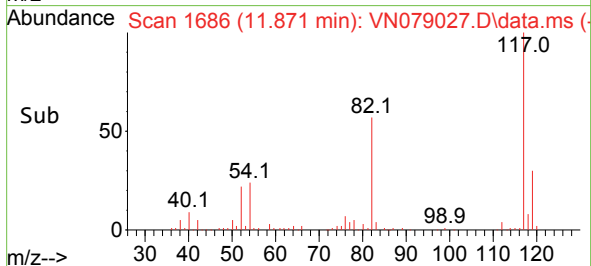
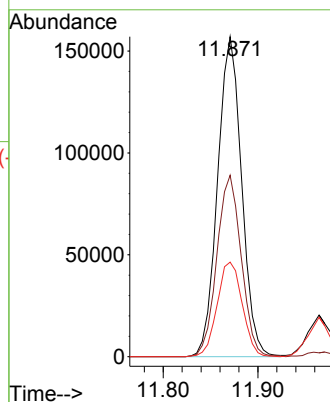
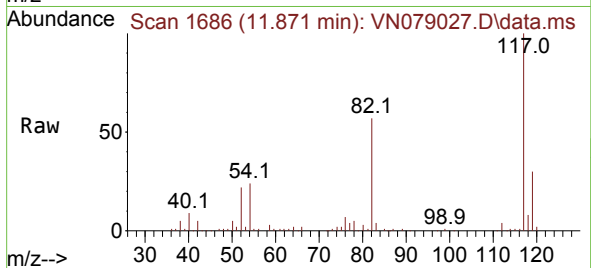
Tgt Ion:117 Resp: 277182

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 29.6 25.6 38.4



#64

Tetrachloroethene

Concen: 20.650 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Tgt Ion:164 Resp: 35895

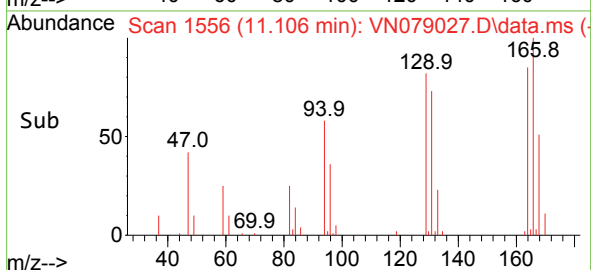
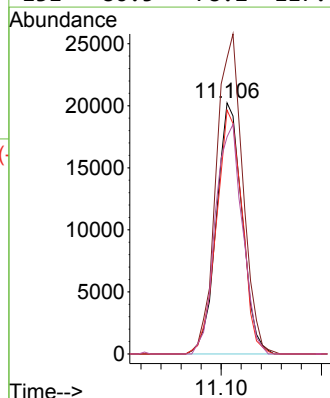
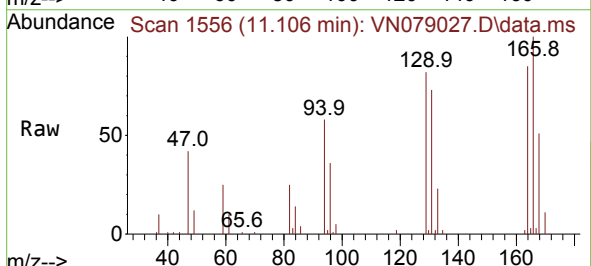
Ion Ratio Lower Upper

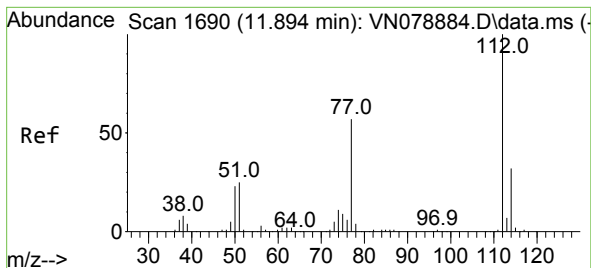
164 100

166 117.9 101.4 152.0

129 97.2 82.4 123.6

131 86.5 78.2 117.4





#65

Chlorobenzene

Concen: 21.251 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

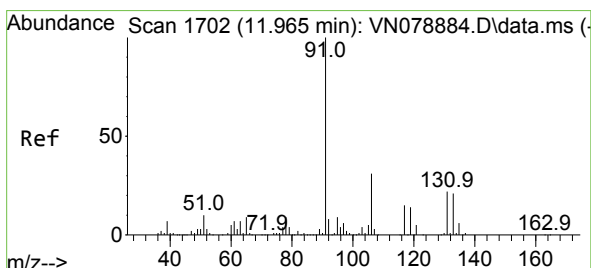
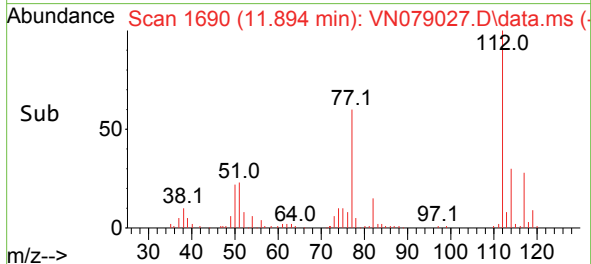
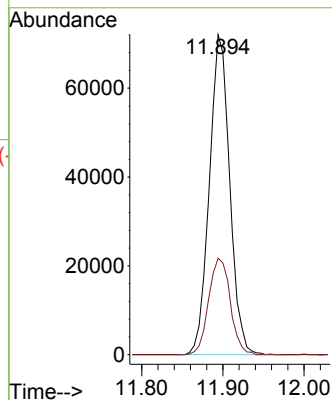
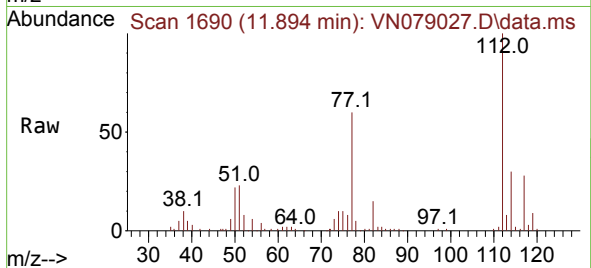
ClientSampleId :

Tgt Ion:112 Resp: 125384

Ion Ratio Lower Upper

112 100

114 30.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.926 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

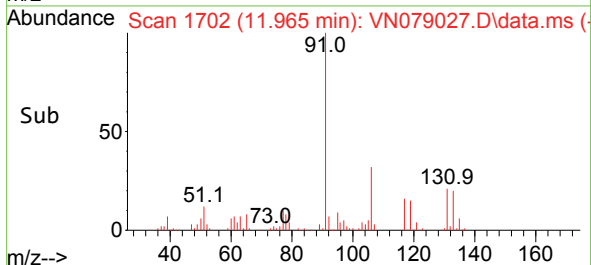
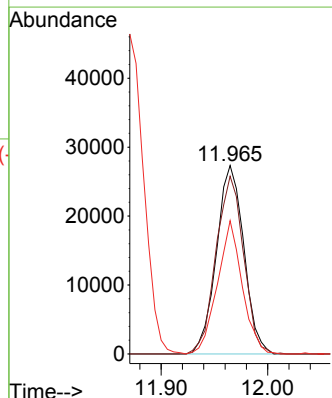
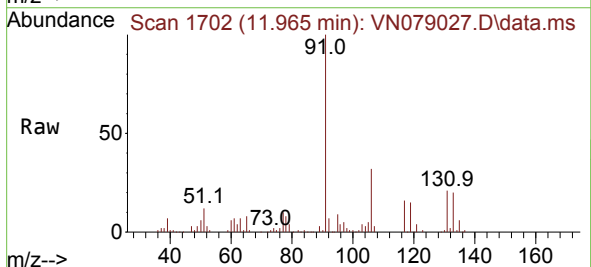
Tgt Ion:131 Resp: 48890

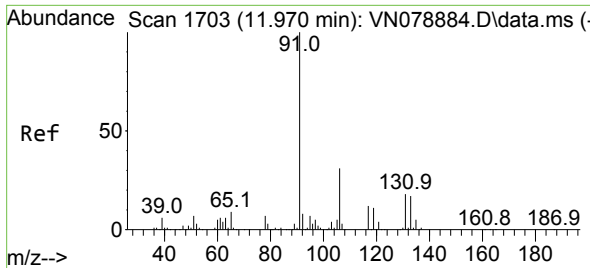
Ion Ratio Lower Upper

131 100

133 94.9 46.4 139.1

119 64.0 34.1 102.2

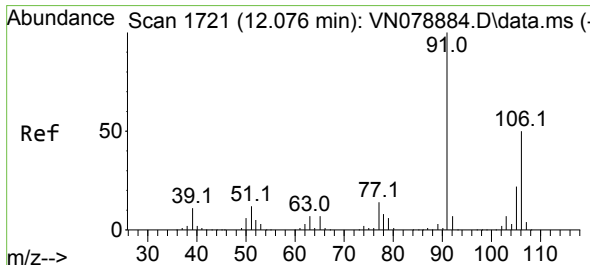
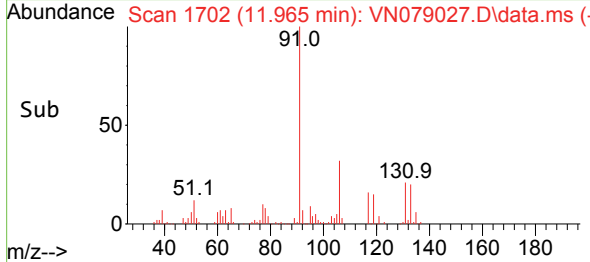
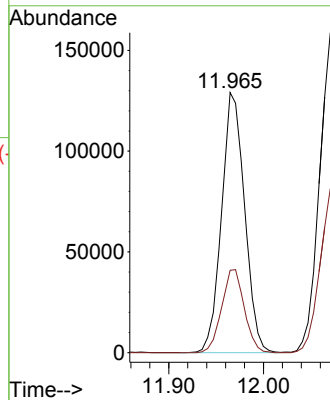
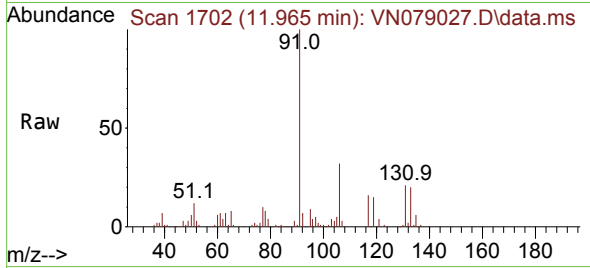




#67
Ethyl Benzene
Concen: 20.368 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

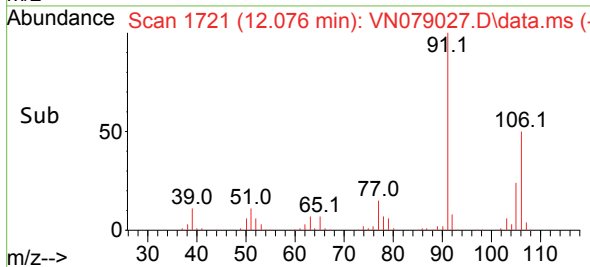
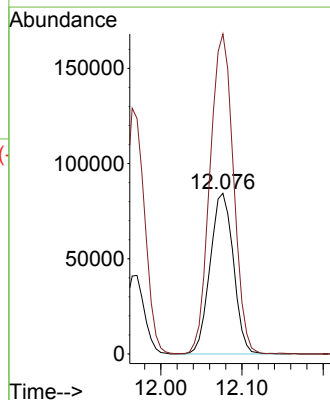
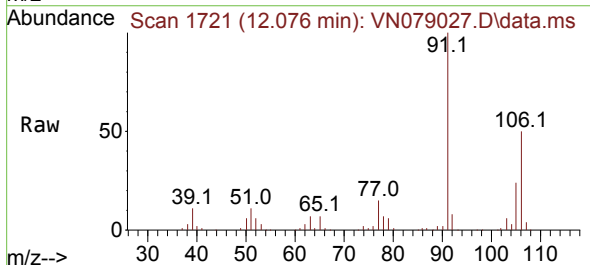
Instrument :
MSVOA_N
ClientSampleId :

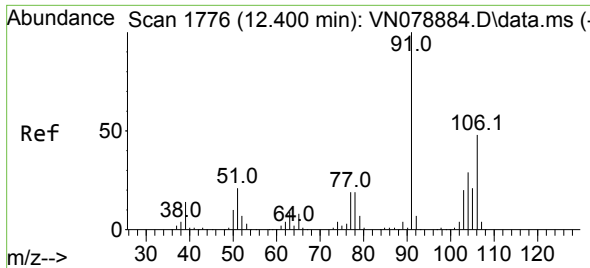
Tgt Ion: 91 Resp: 218543
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 41.964 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion:106 Resp: 168344
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4

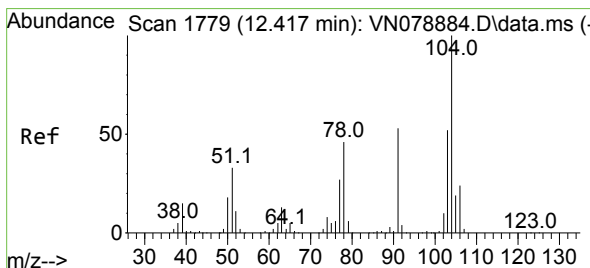
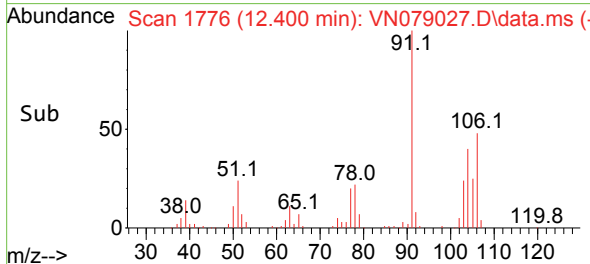
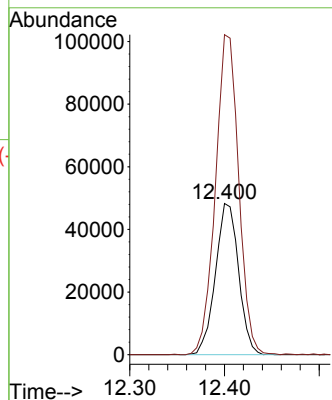
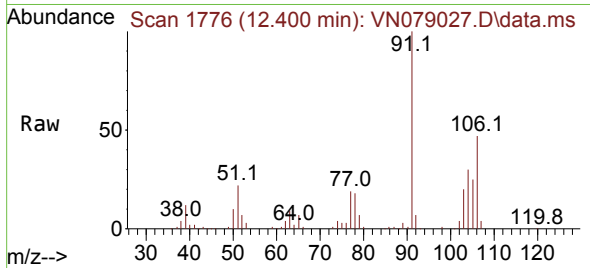




#69
o-Xylene
Concen: 21.013 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

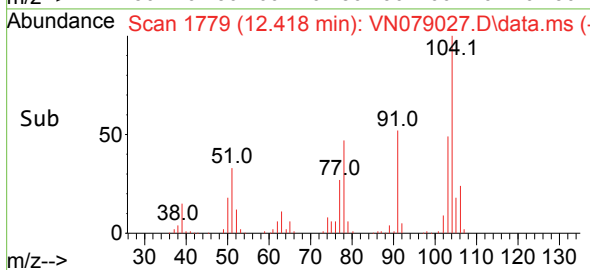
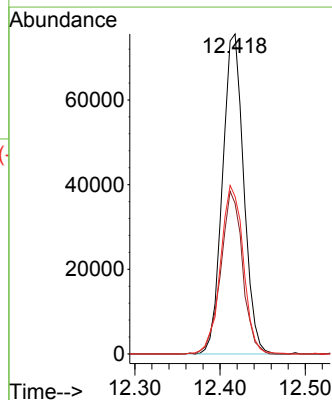
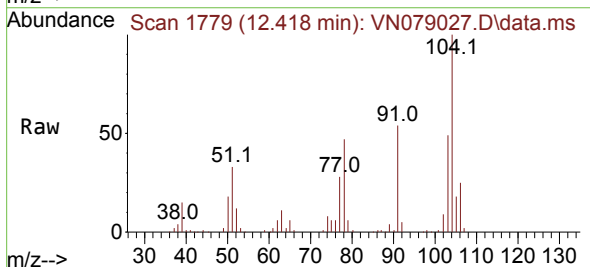
Instrument :
MSVOA_N
ClientSampleId :

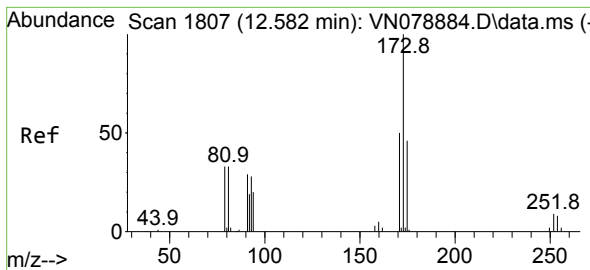
Tgt Ion:106 Resp: 82001
Ion Ratio Lower Upper
106 100
91 212.8 105.2 315.5



#70
Styrene
Concen: 20.126 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion:104 Resp: 130958
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 56.7 43.2 64.8





#71

Bromoform

Concen: 21.925 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

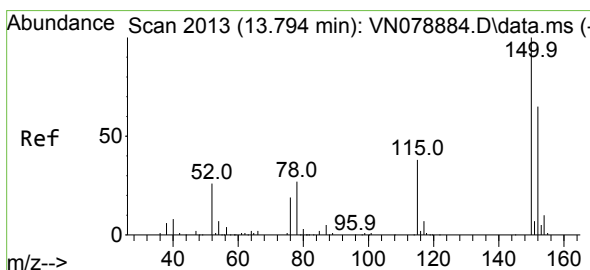
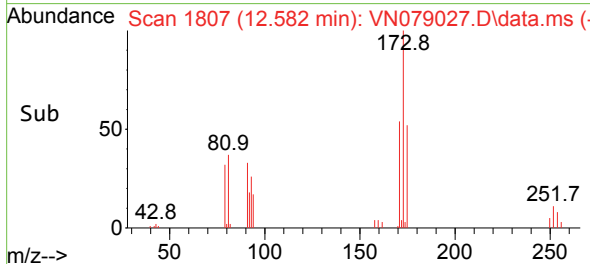
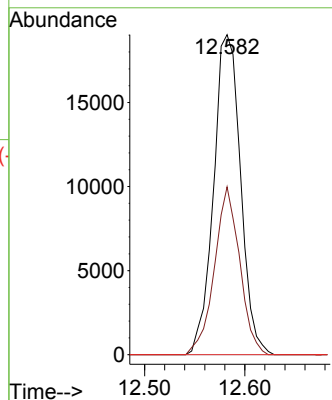
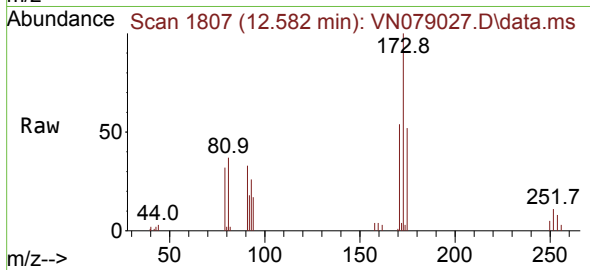
Tgt Ion:173 Resp: 35541

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

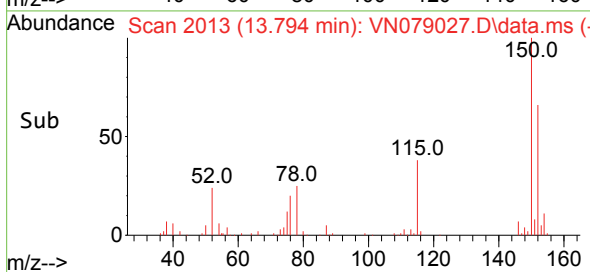
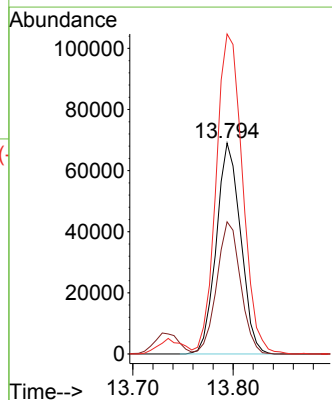
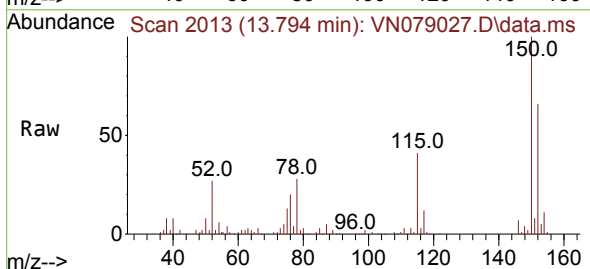
Tgt Ion:152 Resp: 116026

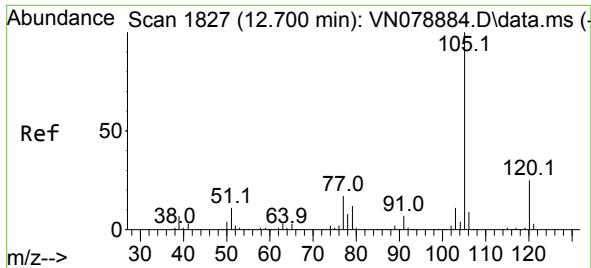
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 165.2 0.0 355.8

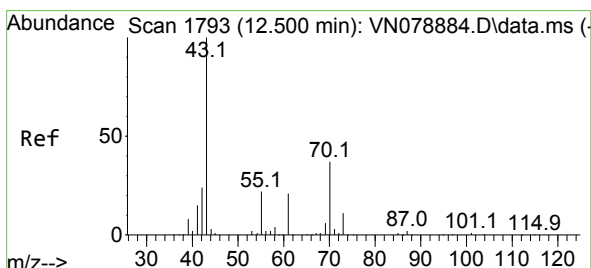
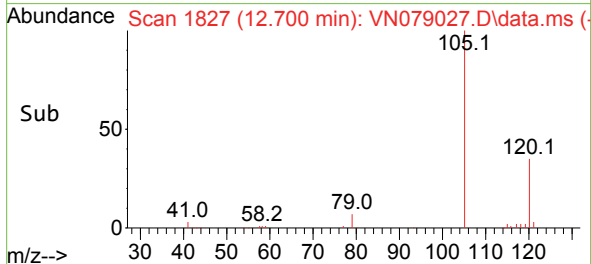
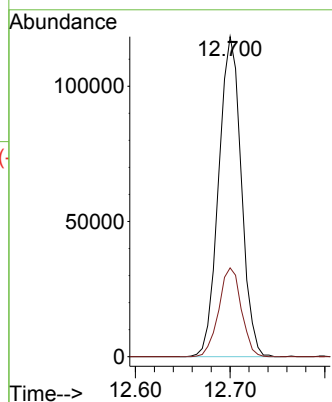
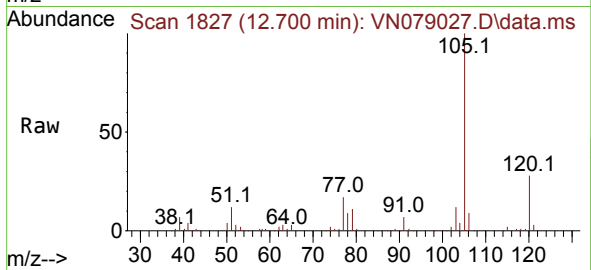




#73
Isopropylbenzene
Concen: 20.285 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

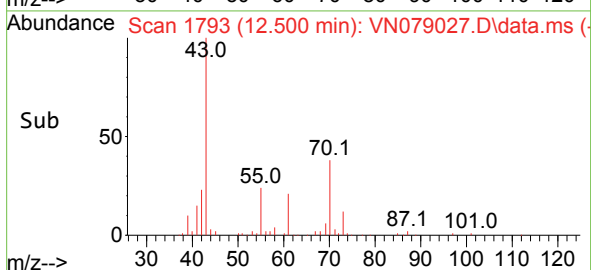
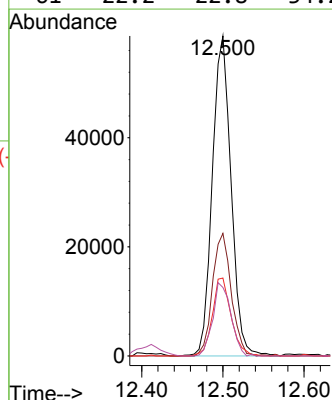
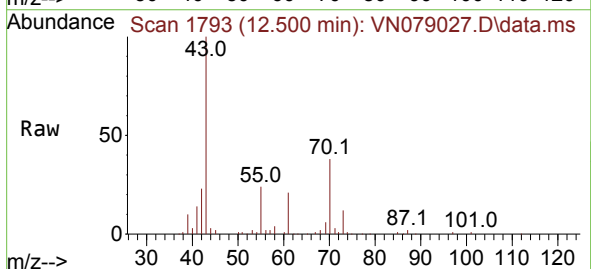
Instrument :
MSVOA_N
ClientSampleId :

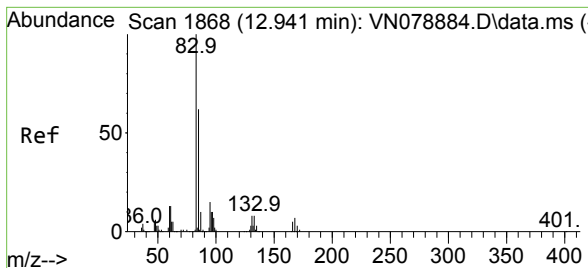
Tgt Ion:105 Resp: 196248
Ion Ratio Lower Upper
105 100
120 27.7 13.1 39.1



#74
N-ethyl acetate
Concen: 19.295 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 43 Resp: 94224
Ion Ratio Lower Upper
43 100
70 38.4 43.4 65.2#
55 24.4 21.4 32.0
61 22.2 22.8 34.2#

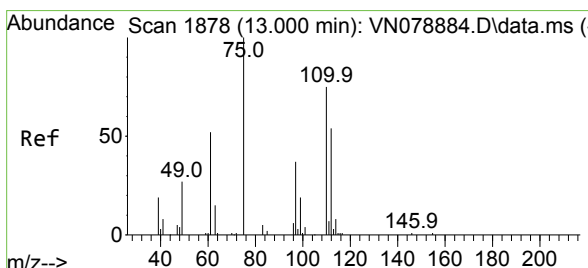
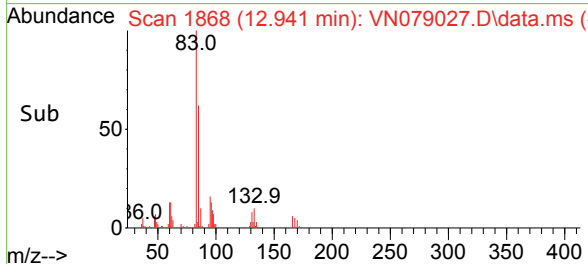
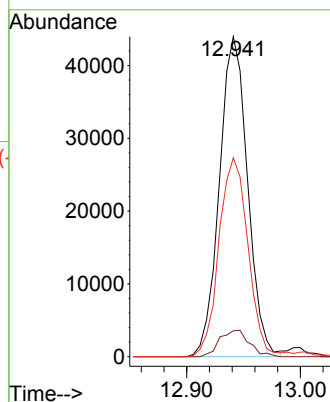
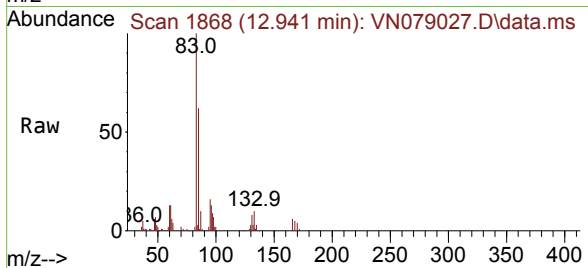




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.721 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

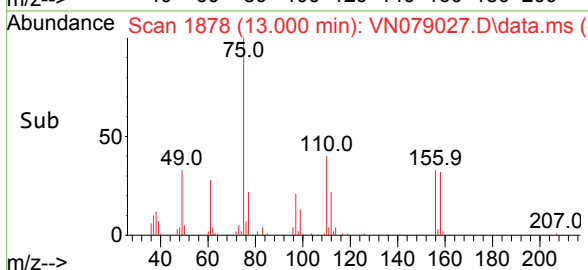
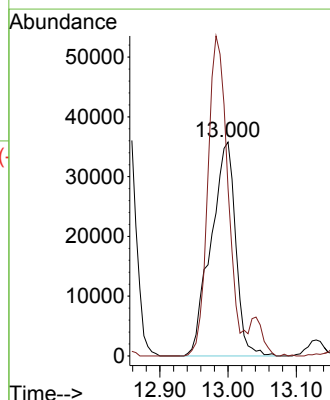
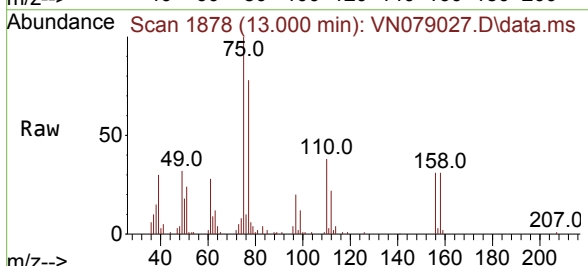
Instrument :
 MSVOA_N
 ClientSampleId :

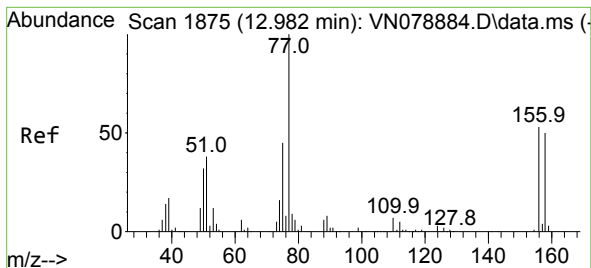
Tgt Ion: 83 Resp: 75877
 Ion Ratio Lower Upper
 83 100
 131 8.7 5.0 15.0
 85 64.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 32.295 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion: 75 Resp: 90287
 Ion Ratio Lower Upper
 75 100
 77 122.3 84.5 253.5





#77

Bromobenzene

Concen: 21.389 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

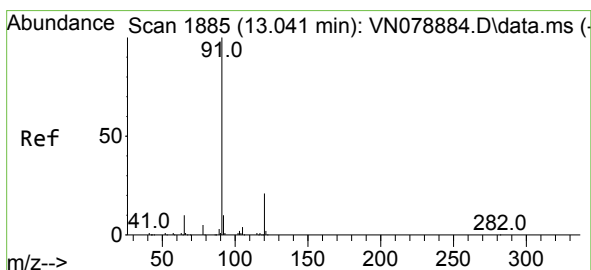
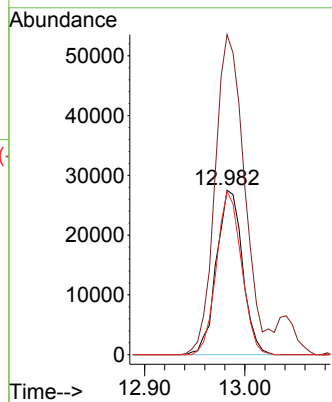
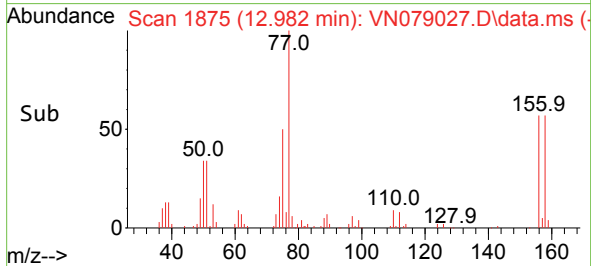
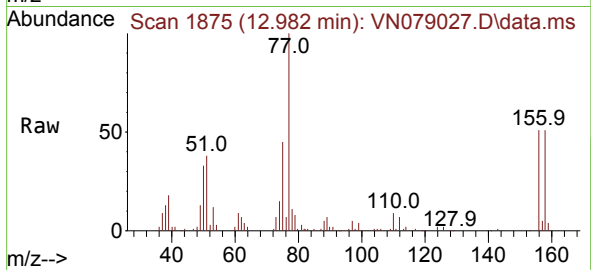
Tgt Ion:156 Resp: 49739

Ion Ratio Lower Upper

156 100

77 222.1 107.7 323.3

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.319 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079027.D

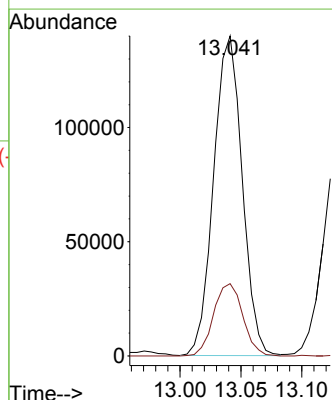
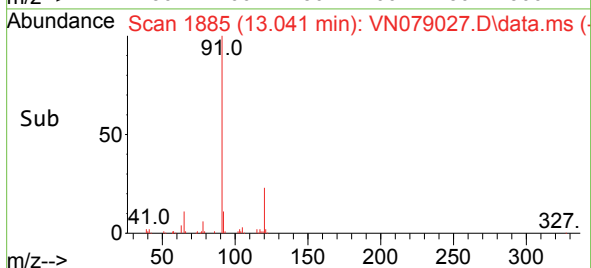
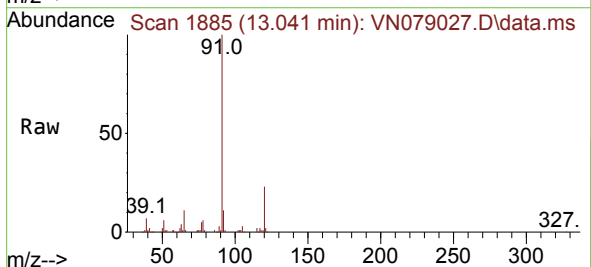
Acq: 24 Aug 2023 13:30

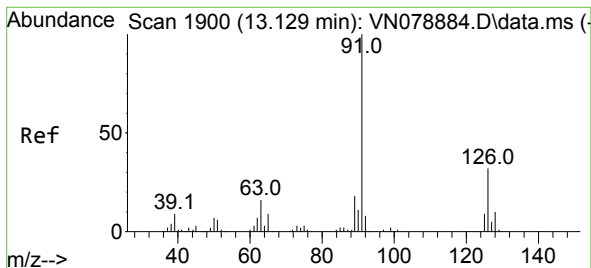
Tgt Ion: 91 Resp: 227944

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.439 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

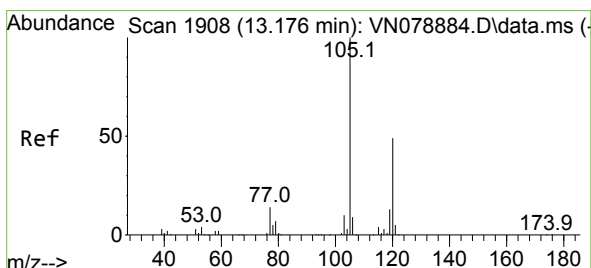
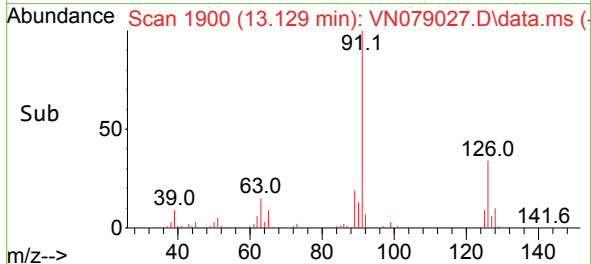
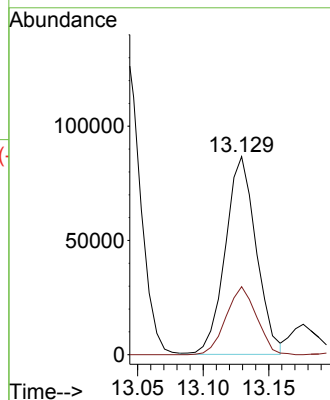
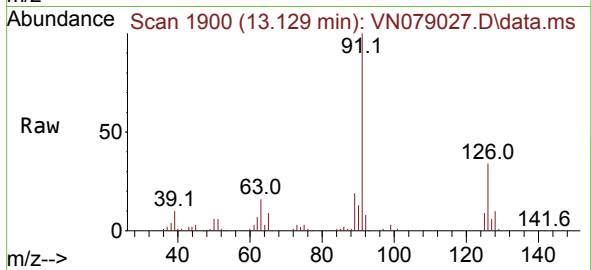
ClientSampleId :

Tgt Ion: 91 Resp: 142235

Ion Ratio Lower Upper

91 100

126 33.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.438 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079027.D

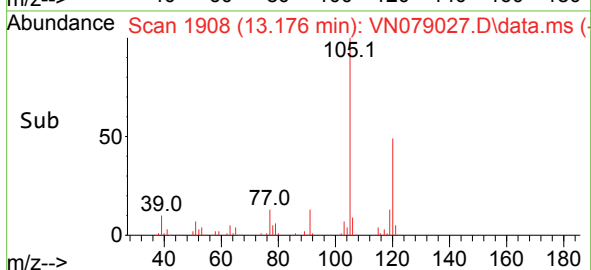
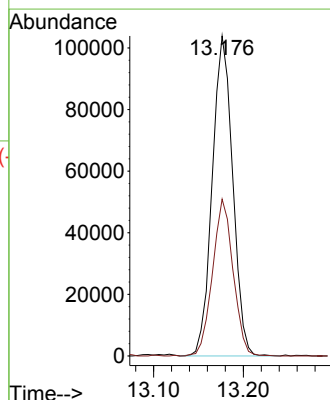
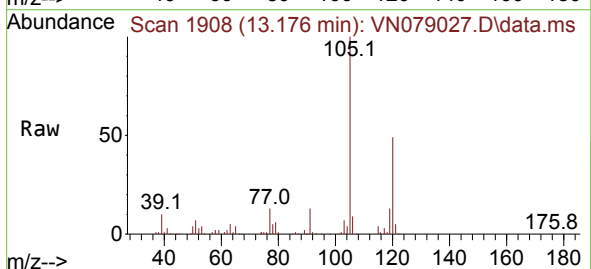
Acq: 24 Aug 2023 13:30

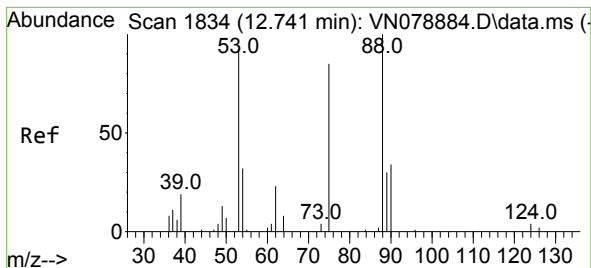
Tgt Ion: 105 Resp: 164356

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.3

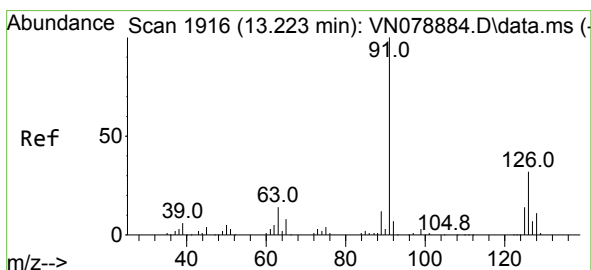
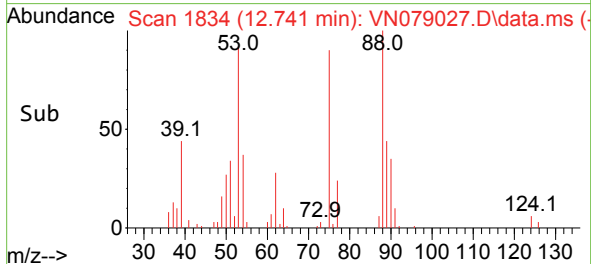
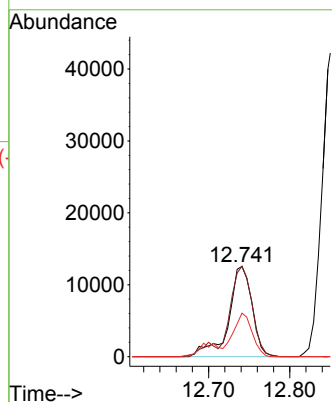
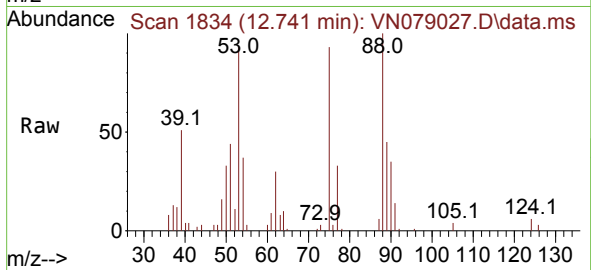




#81
trans-1,4-Dichloro-2-butene
Concen: 22.979 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

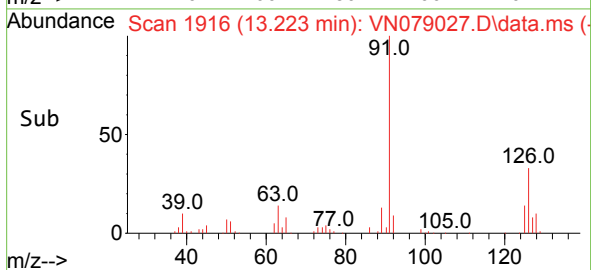
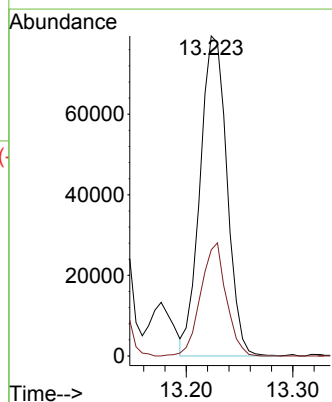
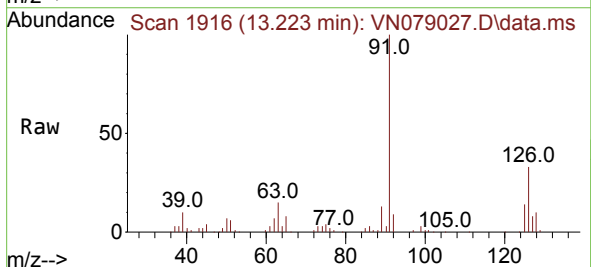
Instrument :
MSVOA_N
ClientSampleId :

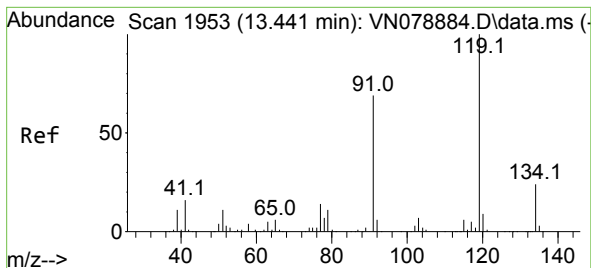
Tgt Ion: 75 Resp: 25148
Ion Ratio Lower Upper
75 100
53 90.1 67.4 101.2
89 38.7 38.8 58.2#



#82
4-Chlorotoluene
Concen: 20.459 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079027.D
Acq: 24 Aug 2023 13:30

Tgt Ion: 91 Resp: 139310
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0

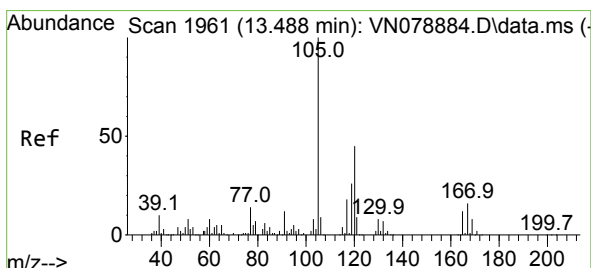
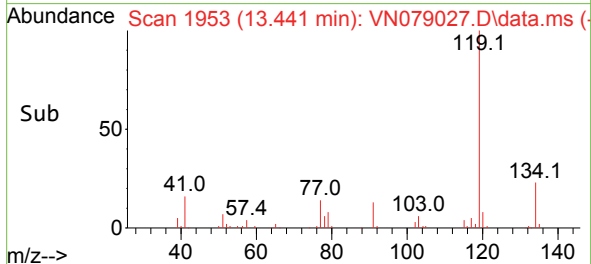
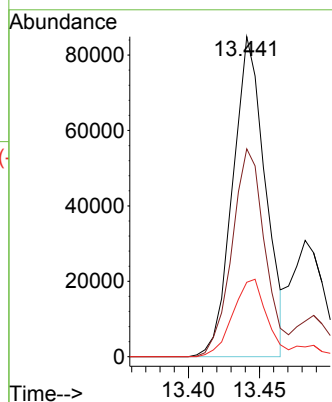
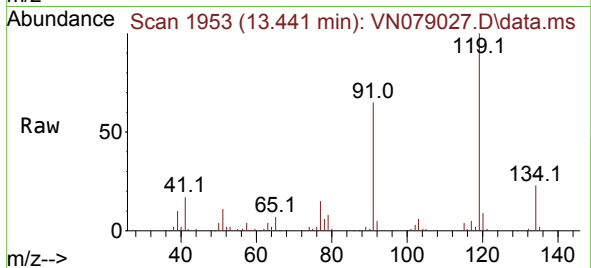




#83
 tert-Butylbenzene
 Concen: 20.958 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

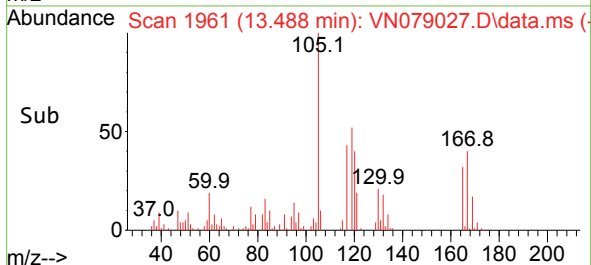
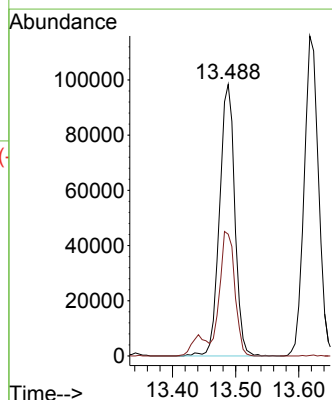
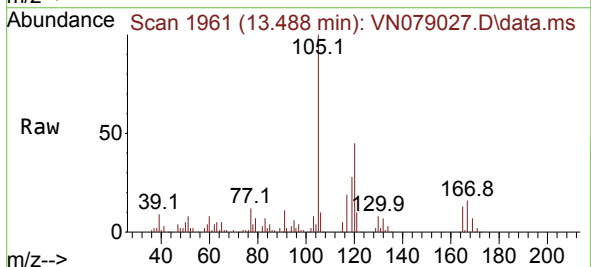
Instrument :
 MSVOA_N
 ClientSampleId :

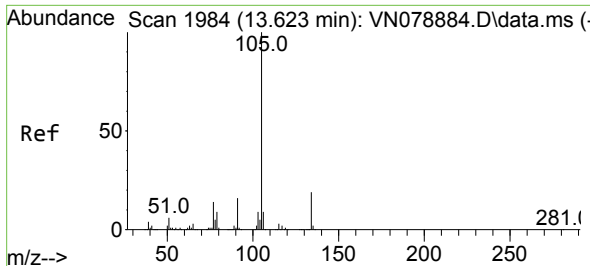
Tgt Ion:119 Resp: 135002
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.9 101.7
 134 25.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.764 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion:105 Resp: 165220
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

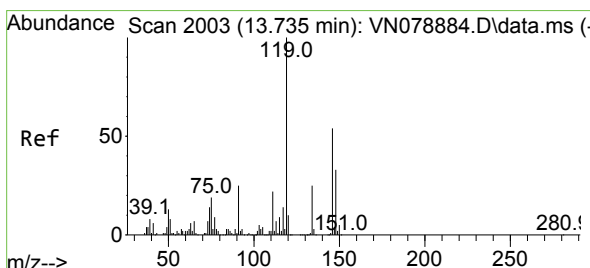
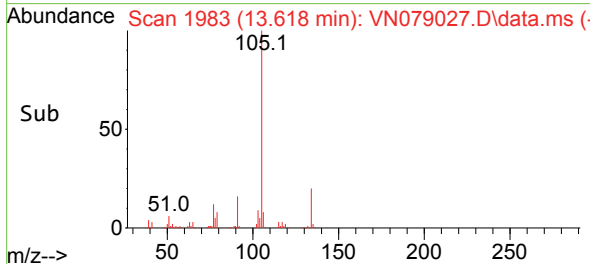
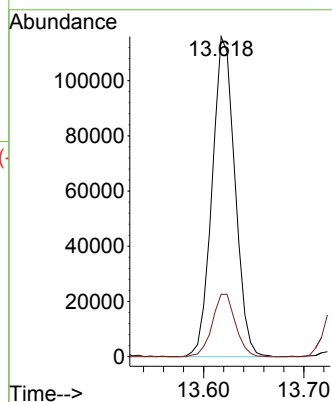
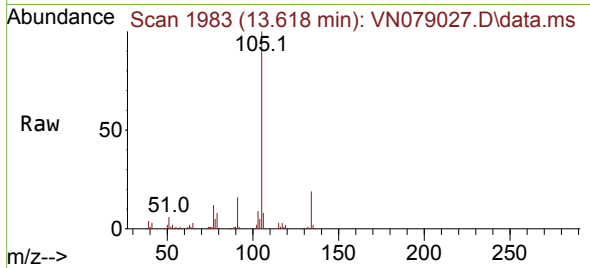




#85
 sec-Butylbenzene
 Concen: 20.677 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

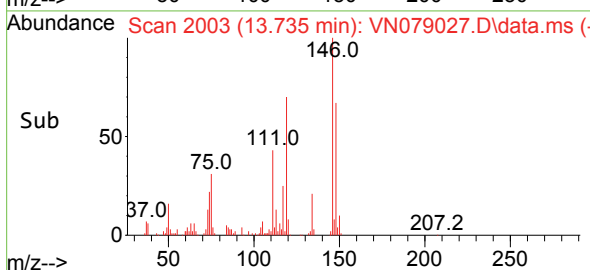
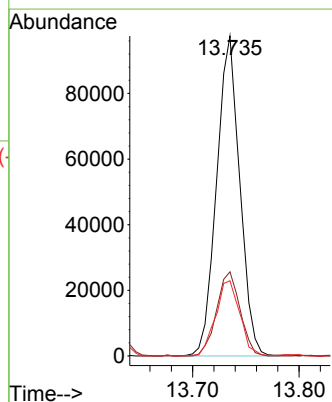
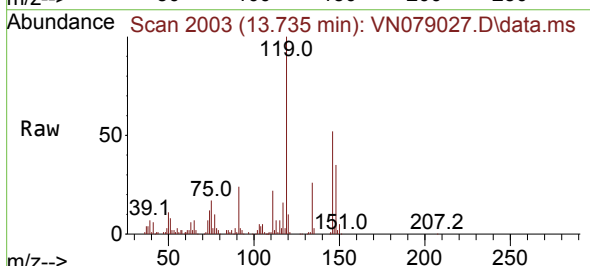
Instrument :
 MSVOA_N
 ClientSampleId :

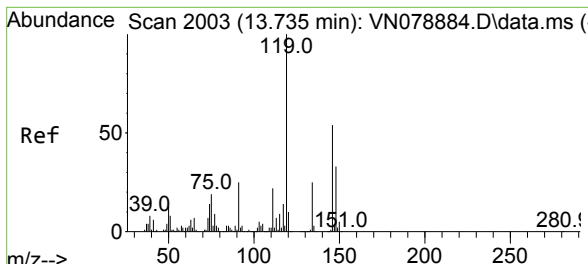
Tgt Ion:105 Resp: 183296
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.771 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion:119 Resp: 147114
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 24.7 12.4 37.2

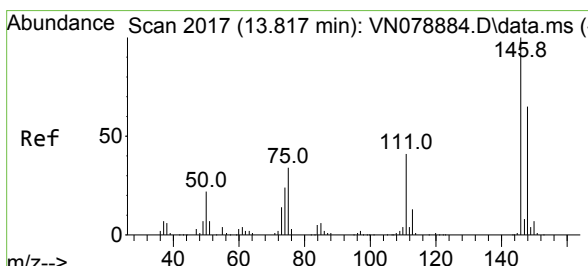
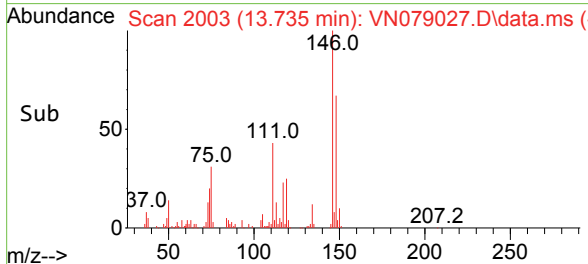
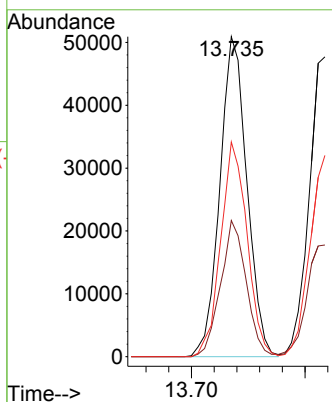
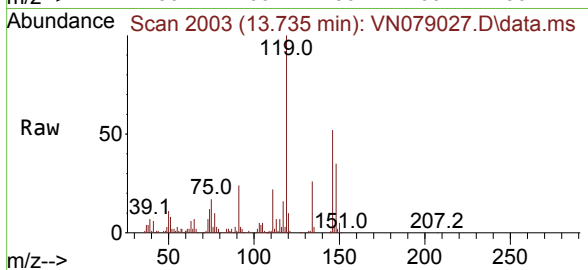




#87
 1,3-Dichlorobenzene
 Concen: 21.076 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

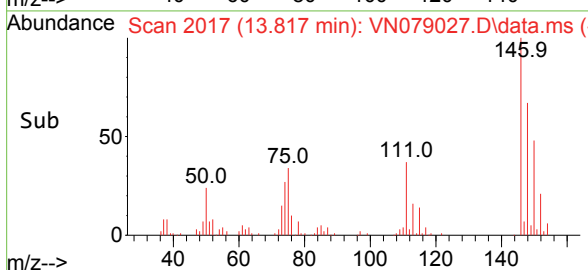
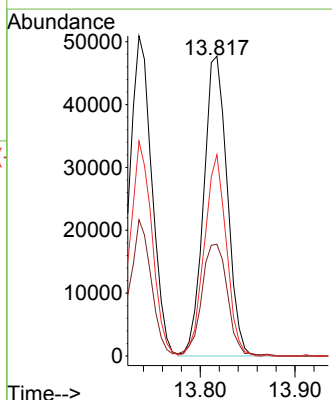
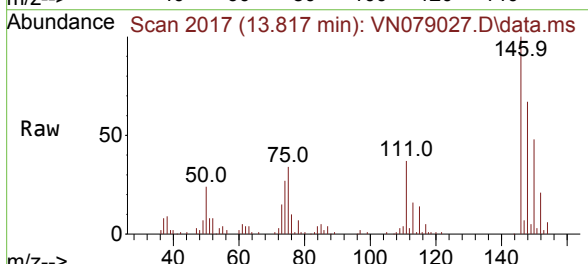
Instrument :
 MSVOA_N
 ClientSampleId :

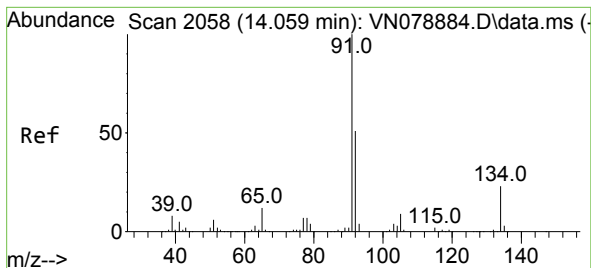
Tgt Ion:146	Resp:	84336
Ion Ratio	Lower	Upper
146	100	
111	40.5	22.1 66.3
148	65.3	32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.509 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079027.D
 Acq: 24 Aug 2023 13:30

Tgt Ion:146	Resp:	82141
Ion Ratio	Lower	Upper
146	100	
111	41.0	20.6 61.8
148	63.1	31.6 94.8





#89

n-Butylbenzene

Concen: 19.671 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079027.D

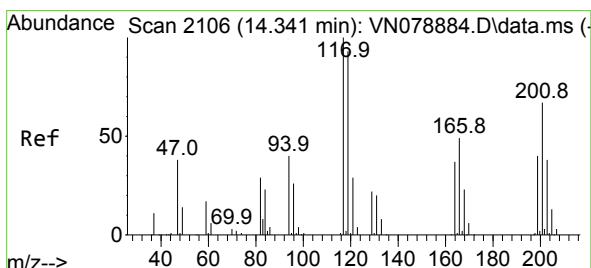
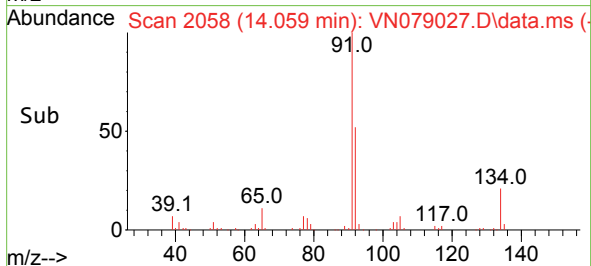
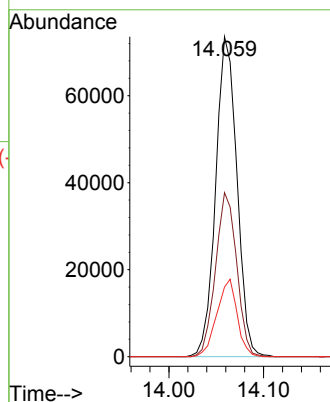
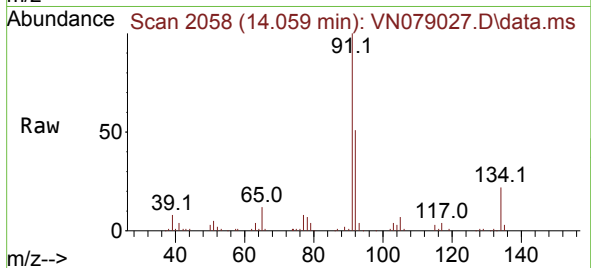
Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 114656
Ion Ratio	Lower Upper
91	100
92	51.1 26.4 79.0
134	23.2 12.6 37.6



#90

Hexachloroethane

Concen: 21.937 ug/l

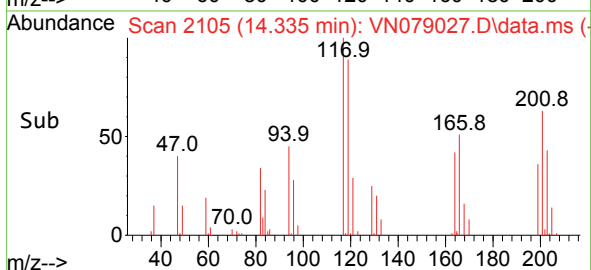
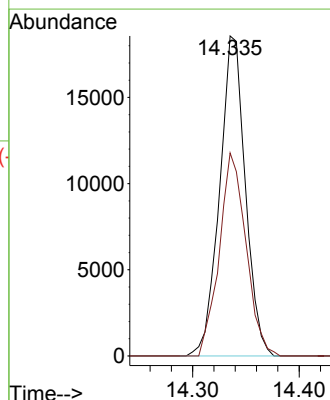
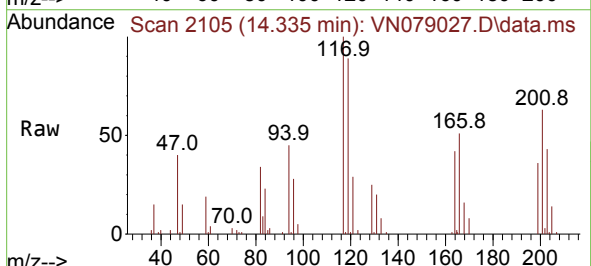
RT: 14.335 min Scan# 2105

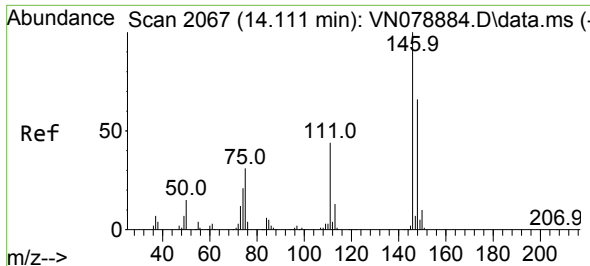
Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Tgt Ion: 117	Resp: 31145
Ion Ratio	Lower Upper
117	100
201	65.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 21.007 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

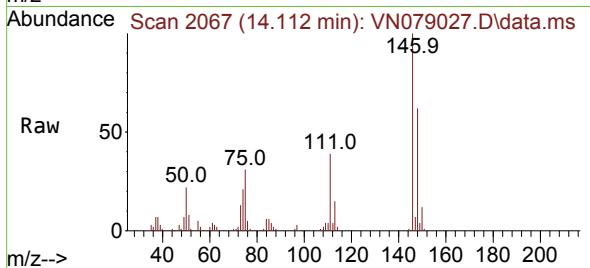
Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :



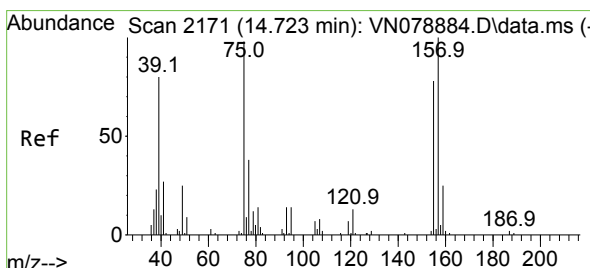
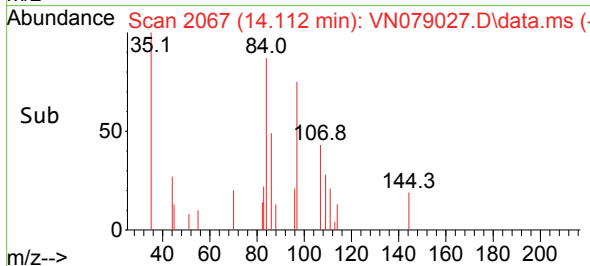
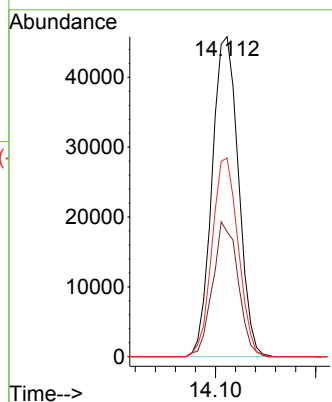
Tgt Ion:146 Resp: 83596

Ion Ratio Lower Upper

146 100

111 40.6 22.0 66.0

148 61.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.481 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

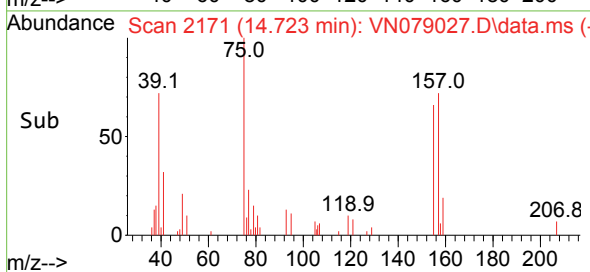
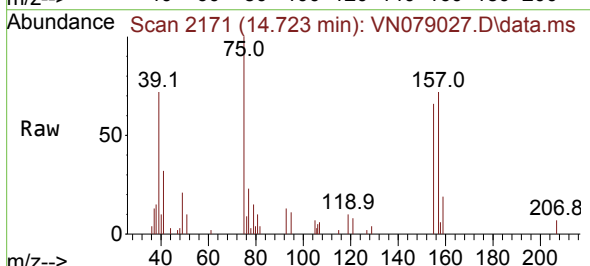
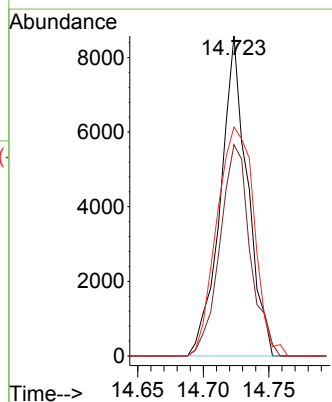
Tgt Ion: 75 Resp: 12255

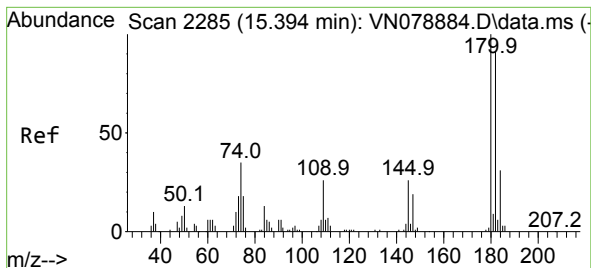
Ion Ratio Lower Upper

75 100

155 74.1 39.1 117.2

157 98.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.713 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

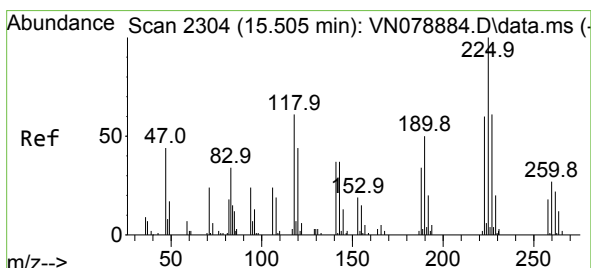
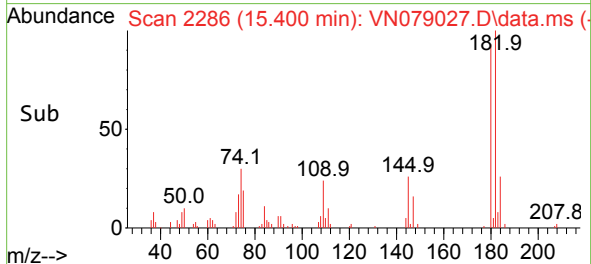
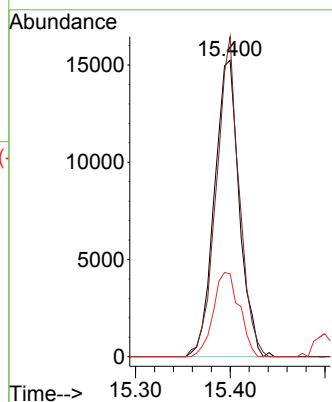
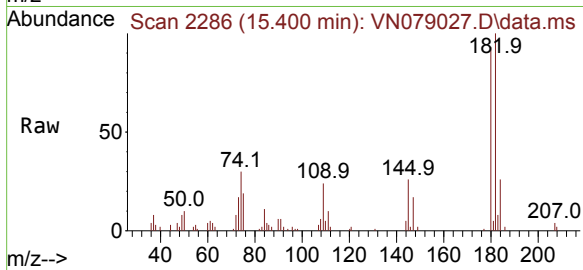
Tgt Ion:180 Resp: 27809

Ion Ratio Lower Upper

180 100

182 99.1 46.1 138.2

145 29.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 21.046 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

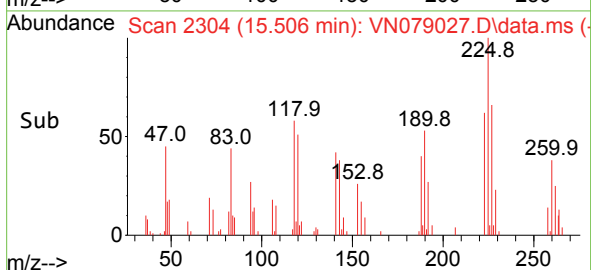
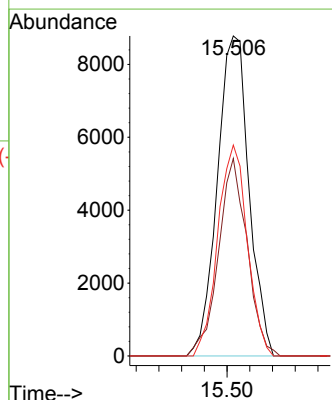
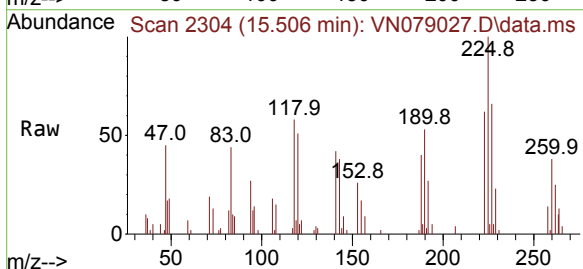
Tgt Ion:225 Resp: 16992

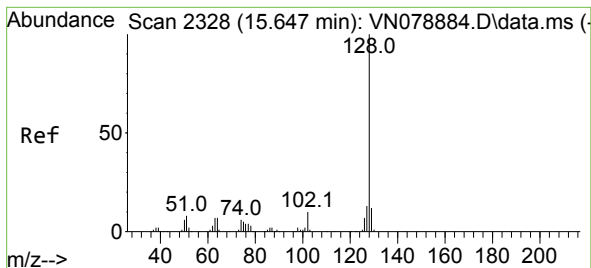
Ion Ratio Lower Upper

225 100

223 55.9 31.3 93.8

227 61.4 31.9 95.9





#95

Naphthalene

Concen: 16.698 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079027.D

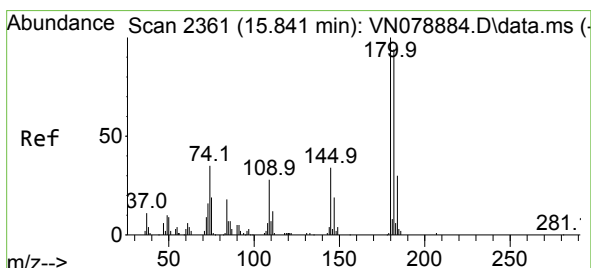
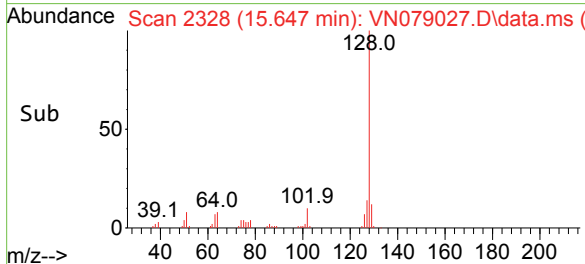
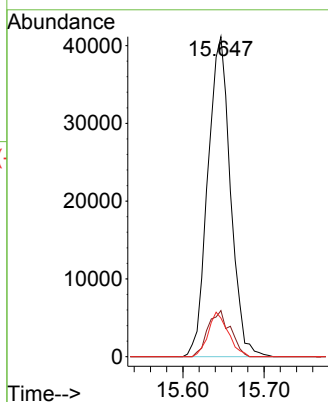
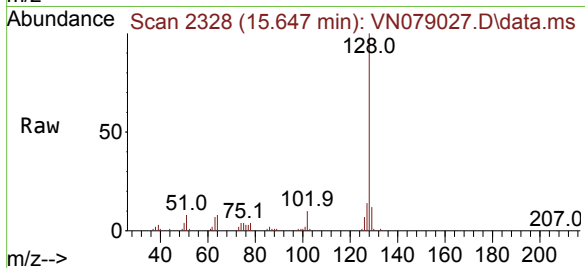
Acq: 24 Aug 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	79614
Ion Ratio	Lower	Upper
128	100	
127	14.3	10.0 15.0
129	12.3	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.458 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079027.D

Acq: 24 Aug 2023 13:30

Tgt Ion:180	Resp:	30064
Ion Ratio	Lower	Upper
180	100	
182	98.3	46.2 138.6
145	33.8	17.5 52.6

