

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079962.D
 Acq On : 07 Nov 2023 13:55
 Operator : JC\MD
 Sample : VN1107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 04:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	319522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232668	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	278796	57.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.540%	
35) Dibromofluoromethane	8.171	113	215343	53.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.880%	
50) Toluene-d8	10.571	98	788323	53.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.853	95	275073	55.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	75659	19.658	ug/l	96
3) Chloromethane	2.359	50	94072	18.786	ug/l	96
4) Vinyl Chloride	2.512	62	112437	22.318	ug/l	97
5) Bromomethane	2.948	94	62420	20.392	ug/l	98
6) Chloroethane	3.118	64	63898	16.052	ug/l	96
7) Trichlorofluoromethane	3.495	101	134888	21.527	ug/l	98
8) Diethyl Ether	3.965	74	51687	21.737	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	74737	20.575	ug/l	97
10) Methyl Iodide	4.595	142	80016	19.290	ug/l	96
11) Tert butyl alcohol	5.524	59	75787	121.957	ug/l	99
12) 1,1-Dichloroethene	4.342	96	71061	20.661	ug/l #	79
13) Acrolein	4.183	56	56015	103.627	ug/l	100
14) Allyl chloride	5.024	41	116720	22.158	ug/l #	92
15) Acrylonitrile	5.718	53	229394	118.454	ug/l	98
16) Acetone	4.430	43	205606	120.241	ug/l	98
17) Carbon Disulfide	4.706	76	189554	19.107	ug/l	98
18) Methyl Acetate	5.024	43	203334	24.855	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	266340	22.493	ug/l	97
20) Methylene Chloride	5.271	84	91064	21.106	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	79312	20.677	ug/l	86
22) Diisopropyl ether	6.677	45	289136	23.685	ug/l #	91
23) Vinyl Acetate	6.606	43	766695	113.860	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	168792	22.749	ug/l	98
25) 2-Butanone	7.489	43	314066	125.427	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	128935	21.012	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	93720	20.426	ug/l	82
28) Bromochloromethane	7.812	49	84088	23.255	ug/l #	77
29) Tetrahydrofuran	7.841	42	208049	127.707	ug/l #	76
30) Chloroform	7.971	83	173628	21.543	ug/l	96
31) Cyclohexane	8.259	56	132766	20.639	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	148157	22.561	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	121108	21.048	ug/l	95
37) Ethyl Acetate	7.565	43	126555	23.983	ug/l #	92
38) Carbon Tetrachloride	8.365	117	125752	21.686	ug/l	96
39) Methylcyclohexane	9.606	83	111134	20.524	ug/l #	83
40) Benzene	8.606	78	369740	21.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	71545	25.532	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	141787	23.554	ug/l	97
43) Isopropyl Acetate	8.694	43	223462	24.147	ug/l #	87
44) Trichloroethene	9.353	130	85824	20.069	ug/l	98
45) 1,2-Dichloropropane	9.624	63	100506	22.821	ug/l	91
46) Dibromomethane	9.712	93	65872	21.905	ug/l	96
47) Bromodichloromethane	9.888	83	136853	21.339	ug/l	100
48) Methyl methacrylate	9.688	41	98268	24.243	ug/l #	81
49) 1,4-Dioxane	9.700	88	36811	513.949	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	657715	126.241	ug/l	90
52) Toluene	10.635	92	225857	22.107	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	136329	21.684	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	149112	21.759	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	91790	22.337	ug/l	98
56) Ethyl methacrylate	10.877	69	134129	22.883	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	162781	22.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	318235	107.119	ug/l	91
59) 2-Hexanone	11.200	43	475696	119.352	ug/l	88
60) Dibromochloromethane	11.365	129	95771	21.773	ug/l	100
61) 1,2-Dibromoethane	11.471	107	89985	21.817	ug/l	99
64) Tetrachloroethene	11.106	164	68677	20.616	ug/l	93
65) Chlorobenzene	11.894	112	235124	21.073	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	90192	22.436	ug/l	97
67) Ethyl Benzene	11.971	91	413004	21.246	ug/l	96
68) m/p-Xylenes	12.076	106	308645	42.622	ug/l	91
69) o-Xylene	12.400	106	150196	21.539	ug/l	92
70) Styrene	12.412	104	248544	22.179	ug/l	97
71) Bromoform	12.582	173	65042	22.786	ug/l #	98
73) Isopropylbenzene	12.700	105	373352	21.143	ug/l	98
74) N-amyl acetate	12.500	43	166842	21.647	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	137357	21.939	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	173684	31.797	ug/l	68
77) Bromobenzene	12.982	156	91868	21.250	ug/l	90
78) n-propylbenzene	13.041	91	434868	21.505	ug/l	98
79) 2-Chlorotoluene	13.129	91	281249	21.772	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	306790	22.331	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	39185	19.518	ug/l #	82
82) 4-Chlorotoluene	13.223	91	275108	21.431	ug/l	97
83) tert-Butylbenzene	13.441	119	245190	21.803	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	307659	22.761	ug/l	100
85) sec-Butylbenzene	13.618	105	342489	21.982	ug/l	99
86) p-Isopropyltoluene	13.735	119	273456	21.527	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	163441	20.323	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	161929	19.837	ug/l	96
89) n-Butylbenzene	14.059	91	220675	20.170	ug/l	98
90) Hexachloroethane	14.335	117	54961	21.847	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	162161	21.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26052	24.537	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	72461	20.073	ug/l	99
94) Hexachlorobutadiene	15.506	225	32442	19.825	ug/l	98
95) Naphthalene	15.647	128	230532	18.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	71106	20.095	ug/l	97

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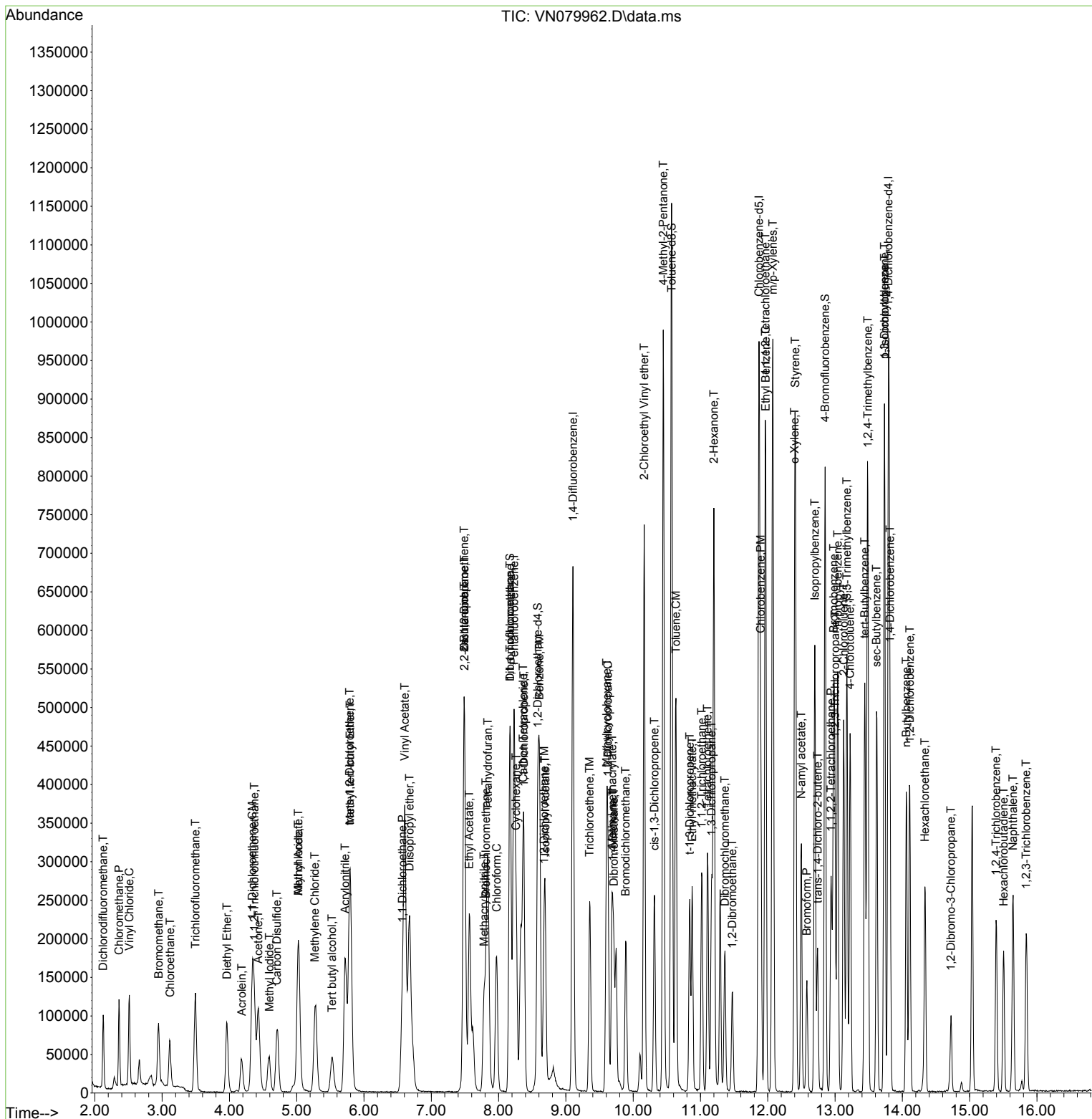
Instrument :
MSVOA_N
ClientSampleId :

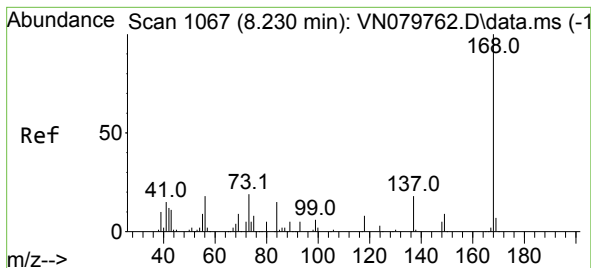
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

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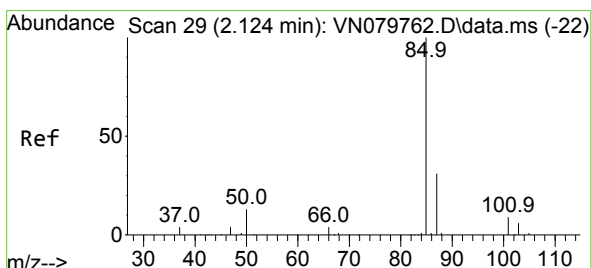
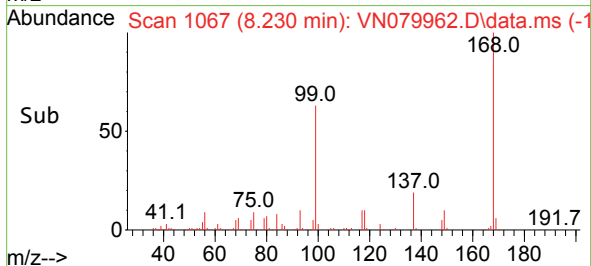
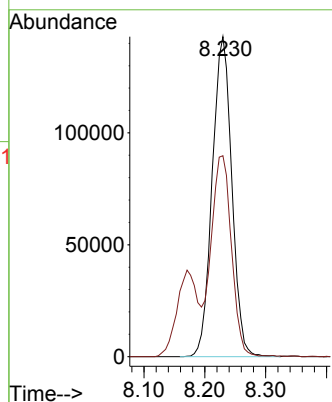
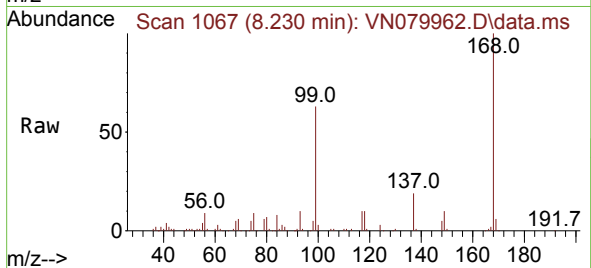
ClientSampleId :

Tgt Ion:168 Resp: 319522

Ion Ratio Lower Upper

168 100

99 62.6 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.658 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079962.D

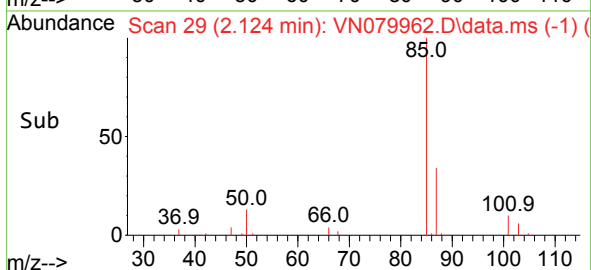
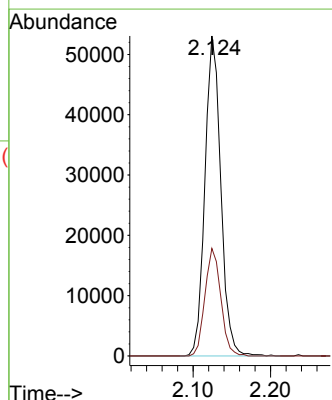
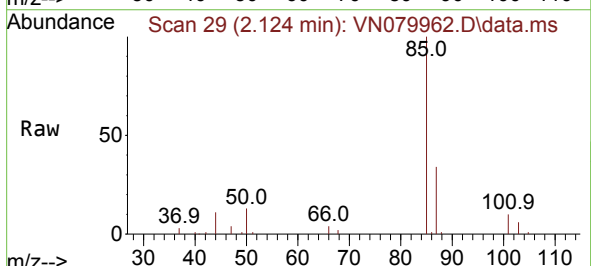
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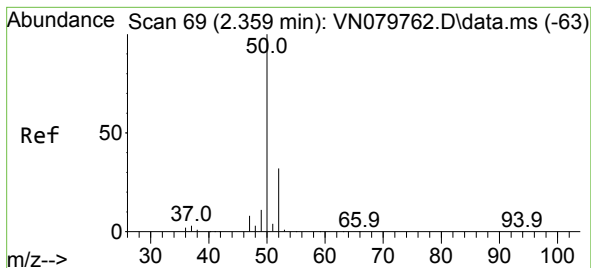
Tgt Ion: 85 Resp: 75659

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4





#3

Chloromethane

Concen: 18.786 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

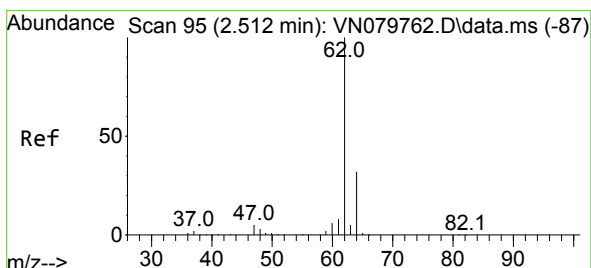
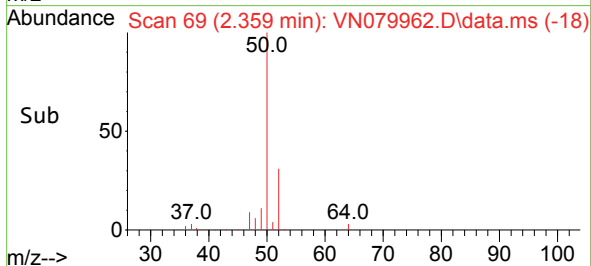
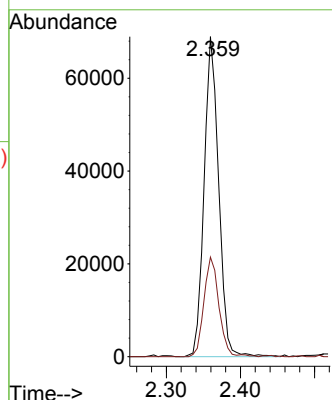
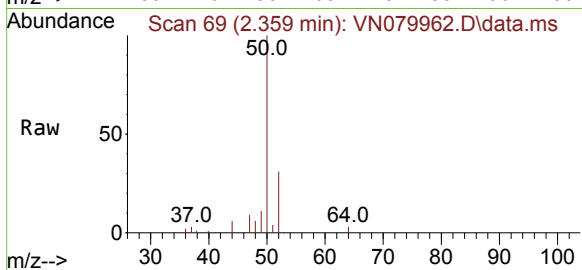
ClientSampleId :

Tgt Ion: 50 Resp: 94072

Ion Ratio Lower Upper

50 100

52 31.1 26.5 39.7



#4

Vinyl Chloride

Concen: 22.318 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079962.D

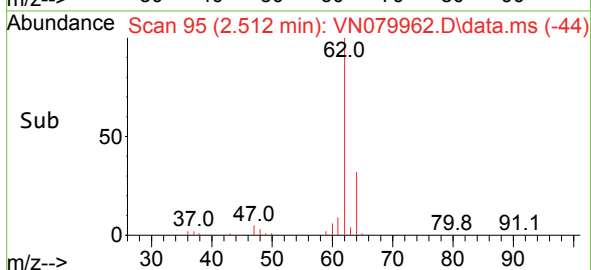
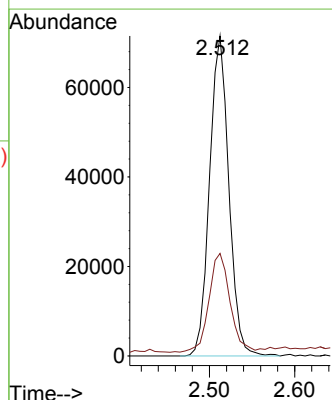
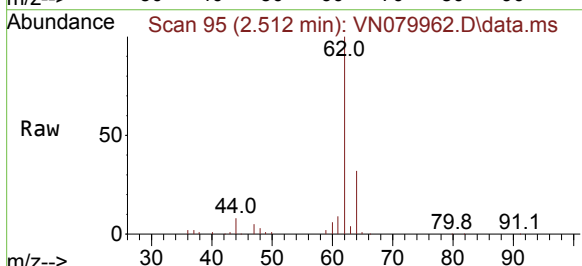
Acq: 07 Nov 2023 13:55

Tgt Ion: 62 Resp: 112437

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.2

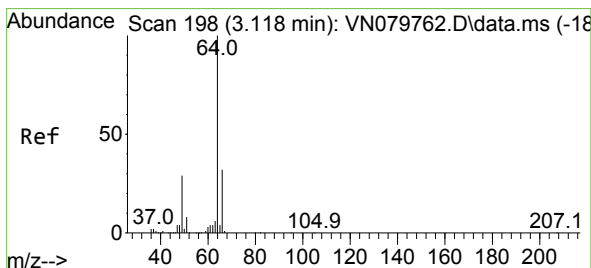
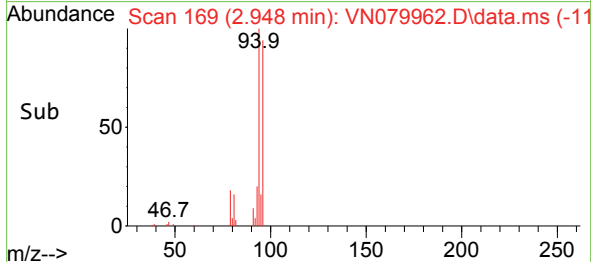
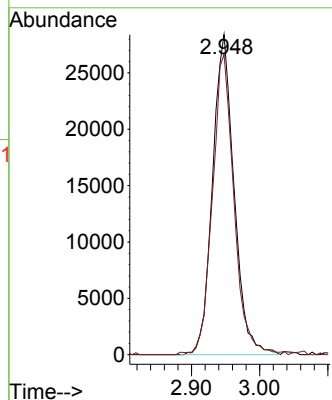
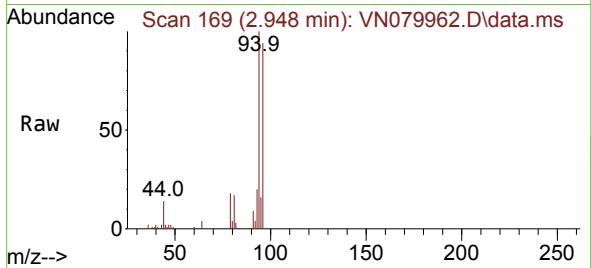




#5
Bromomethane
Concen: 20.392 ug/l
RT: 2.948 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN079962.D
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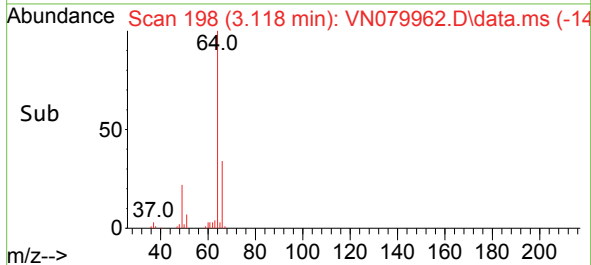
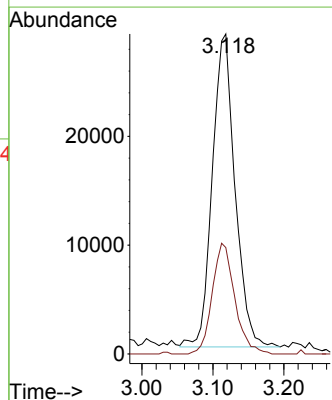
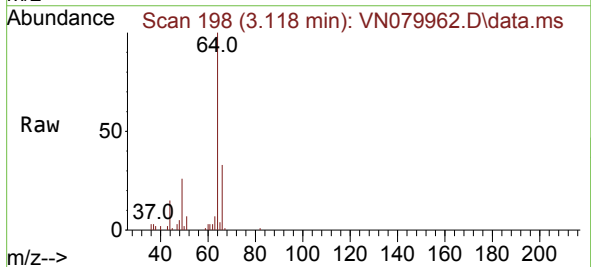
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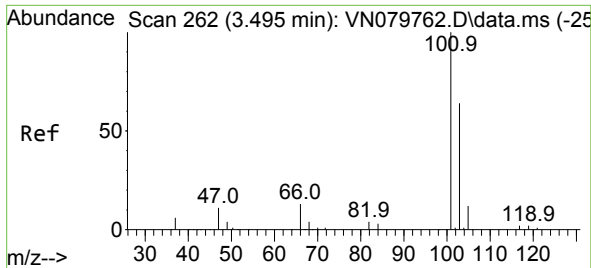
Tgt Ion: 94 Resp: 62420
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7



#6
Chloroethane
Concen: 16.052 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 64 Resp: 63898
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2

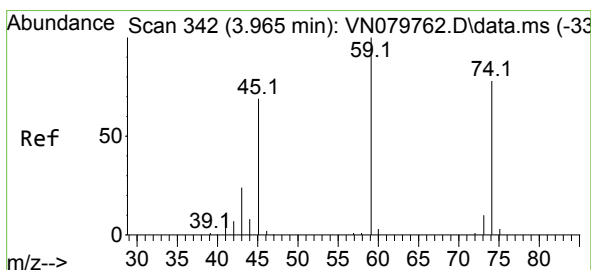
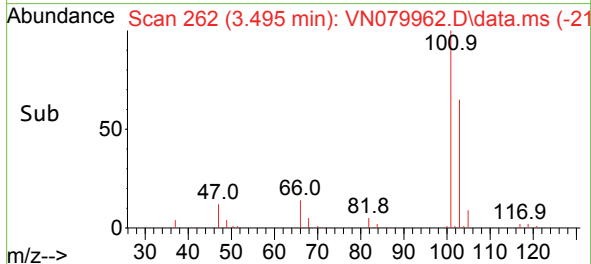
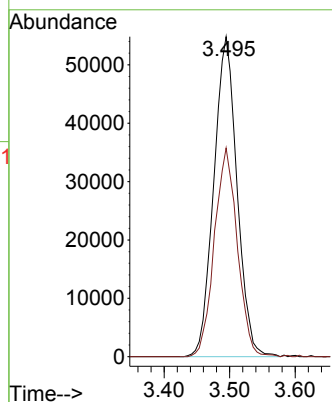
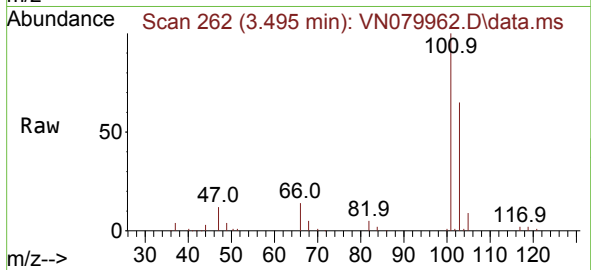




#7
 Trichlorofluoromethane
 Concen: 21.527 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. 0.000 min
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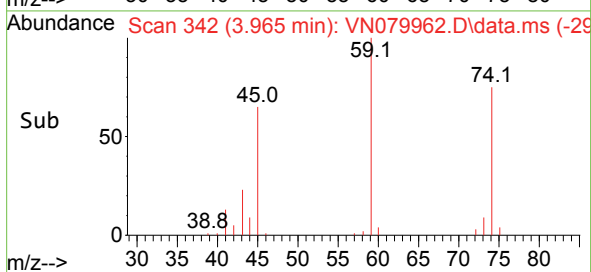
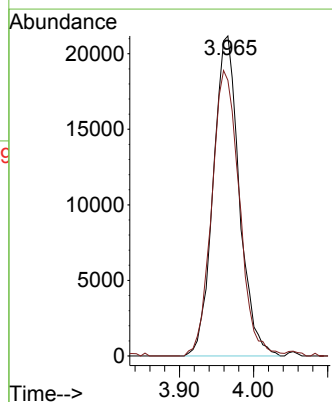
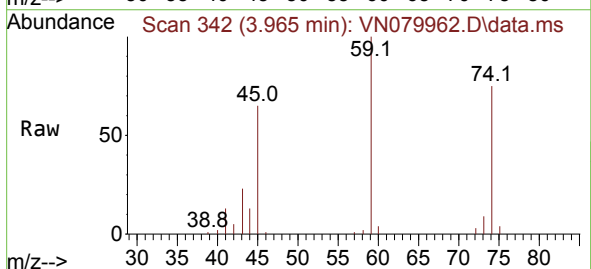
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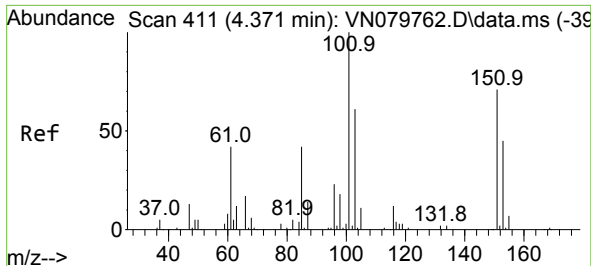
Tgt Ion:101 Resp: 134888
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.737 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Tgt Ion: 74 Resp: 51687
 Ion Ratio Lower Upper
 74 100
 45 94.6 34.4 103.3

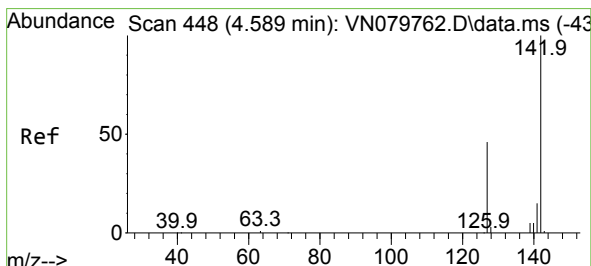
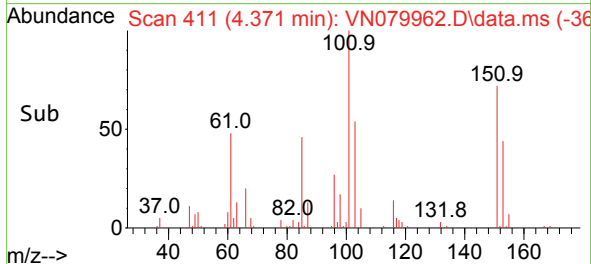
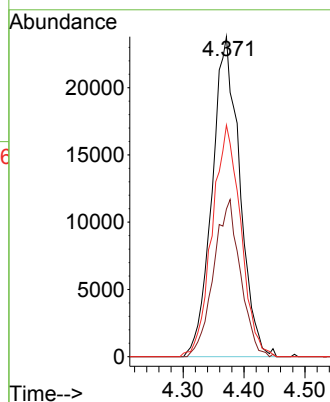
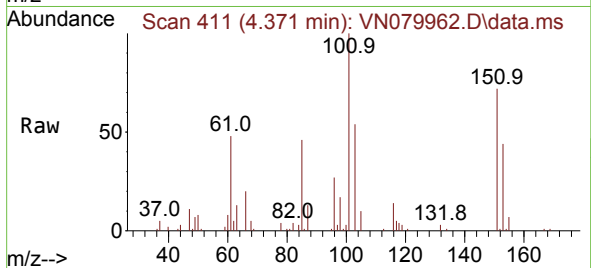




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.575 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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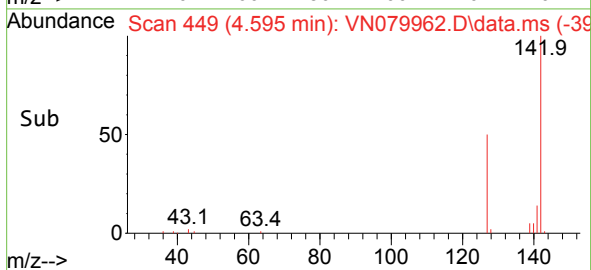
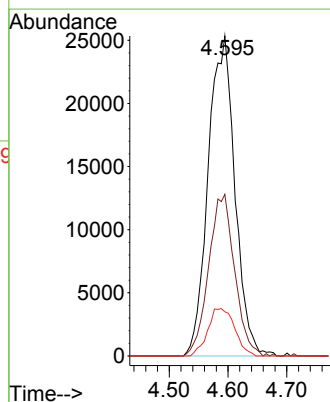
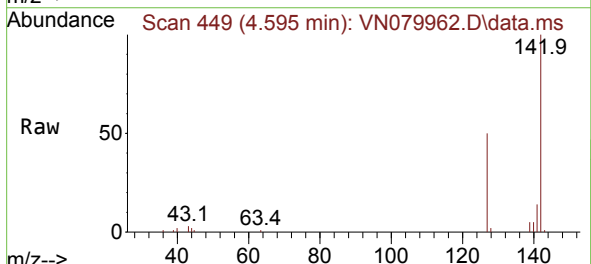
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 74737
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 75.1 57.6 86.4



#10
Methyl Iodide
Concen: 19.290 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion:142 Resp: 80016
Ion Ratio Lower Upper
142 100
127 50.5 37.6 56.4
141 13.8 11.4 17.0

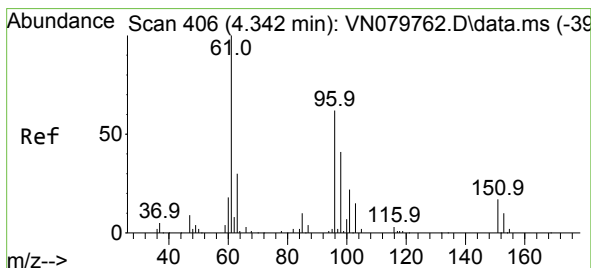
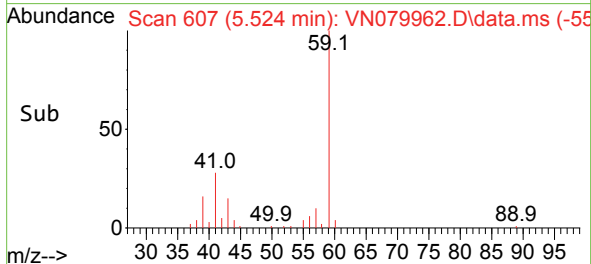
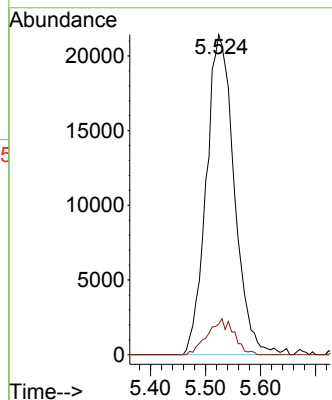
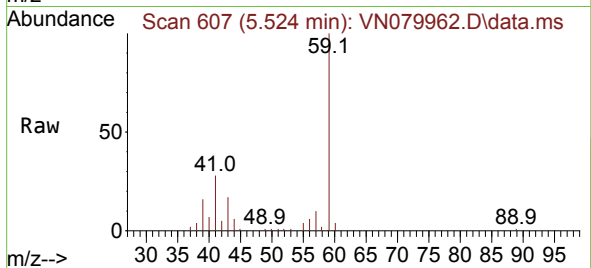




#11
Tert butyl alcohol
Concen: 121.957 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

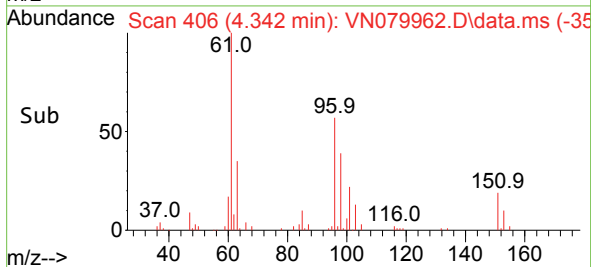
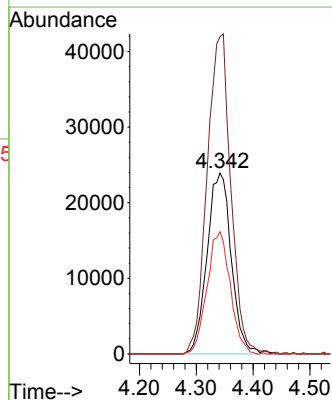
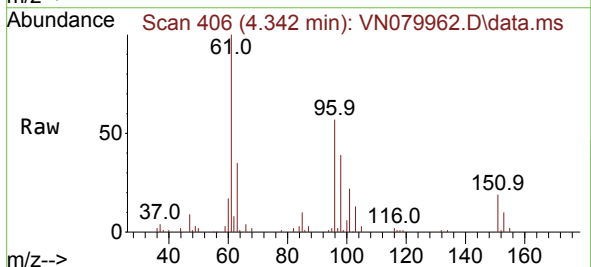
Instrument :
MSVOA_N
ClientSampleId :

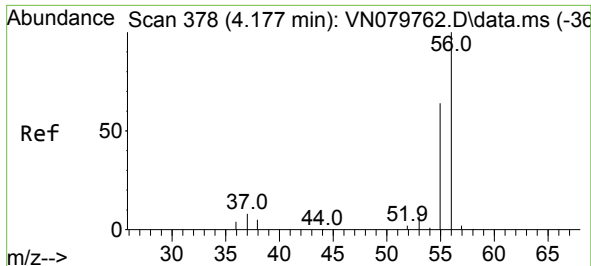
Tgt Ion: 59 Resp: 75787
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.661 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 96 Resp: 71061
Ion Ratio Lower Upper
96 100
61 175.3 112.7 169.1#
98 67.6 51.2 76.8





#13

Acrolein

Concen: 103.627 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

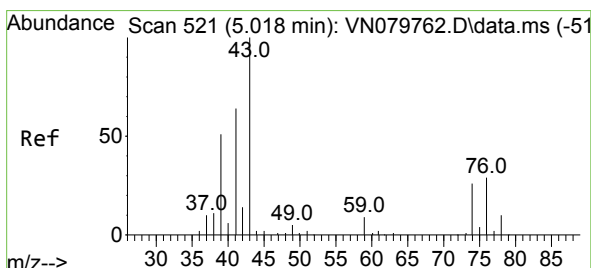
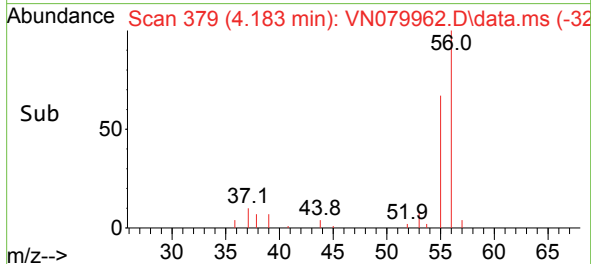
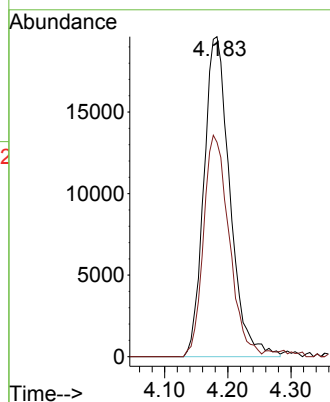
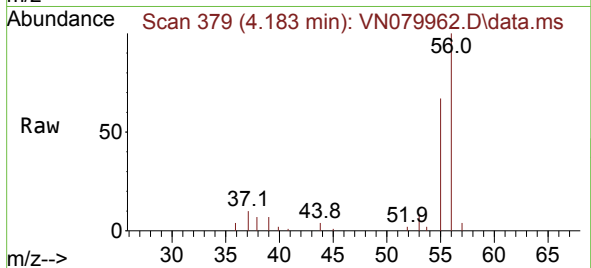
ClientSampleId :

Tgt Ion: 56 Resp: 56015

Ion Ratio Lower Upper

56 100

55 68.2 54.5 81.7



#14

Allyl chloride

Concen: 22.158 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

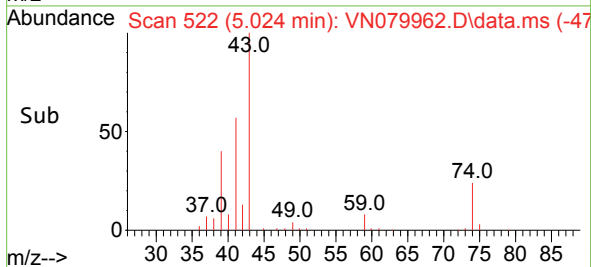
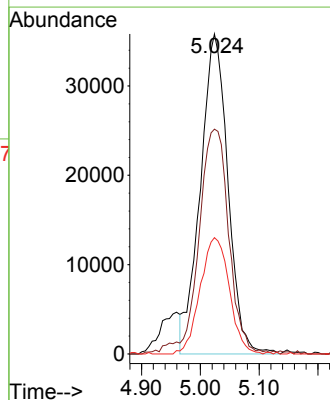
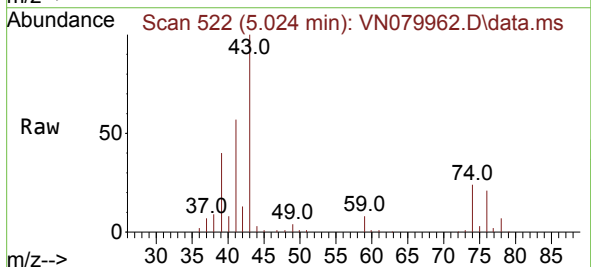
Tgt Ion: 41 Resp: 116720

Ion Ratio Lower Upper

41 100

39 76.6 58.8 88.2

76 38.4 39.1 58.7#





#15

Acrylonitrile

Concen: 118.454 ug/l

RT: 5.718 min Scan# 641

Delta R.T. -0.006 min

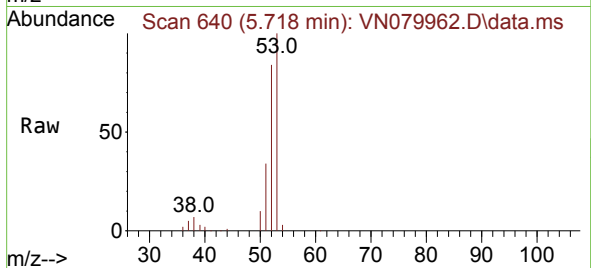
Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :



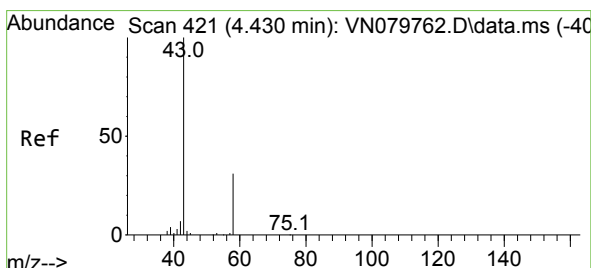
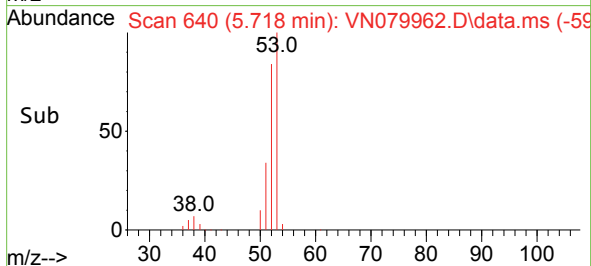
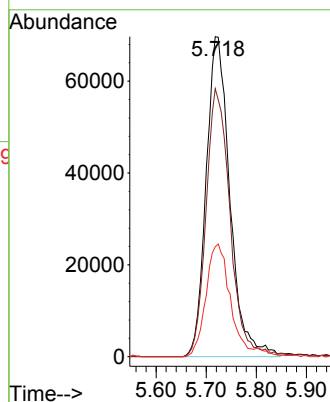
Tgt Ion: 53 Resp: 229394

Ion Ratio Lower Upper

53 100

52 84.0 65.3 97.9

51 35.7 28.9 43.3



#16

Acetone

Concen: 120.241 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN079962.D

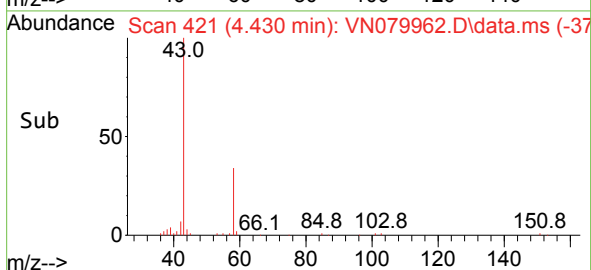
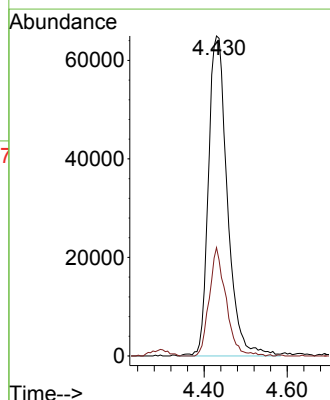
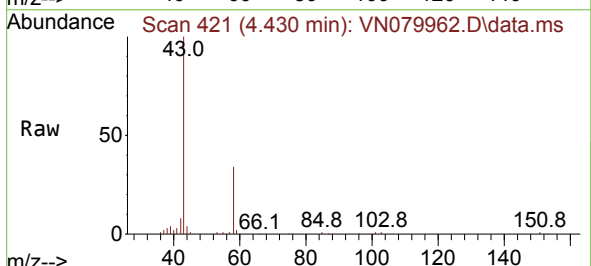
Acq: 07 Nov 2023 13:55

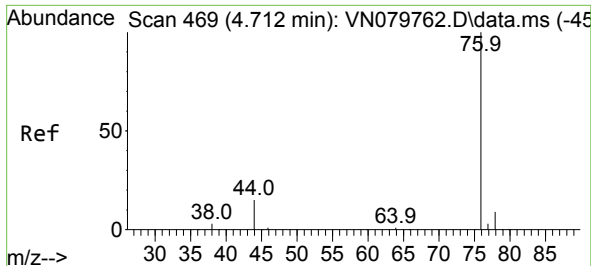
Tgt Ion: 43 Resp: 205606

Ion Ratio Lower Upper

43 100

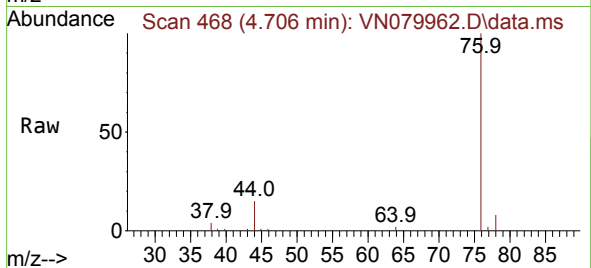
58 33.9 28.0 42.0



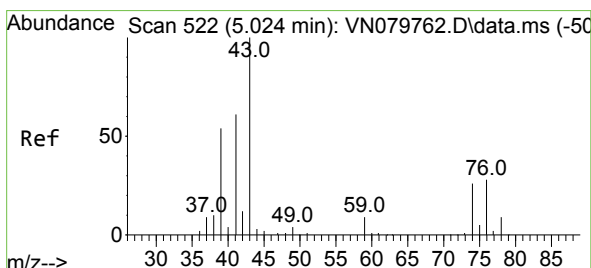
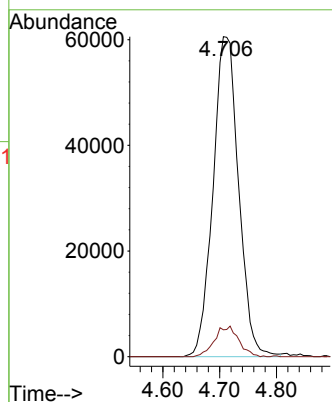
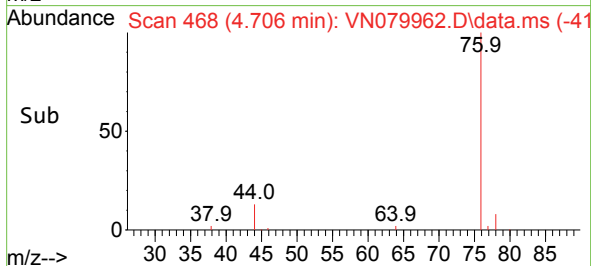


#17
Carbon Disulfide
Concen: 19.107 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :

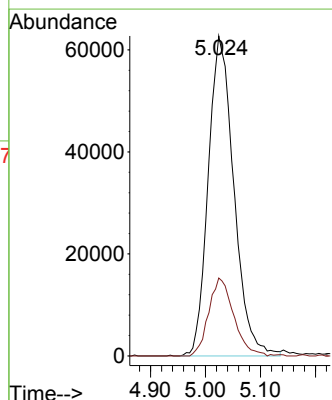
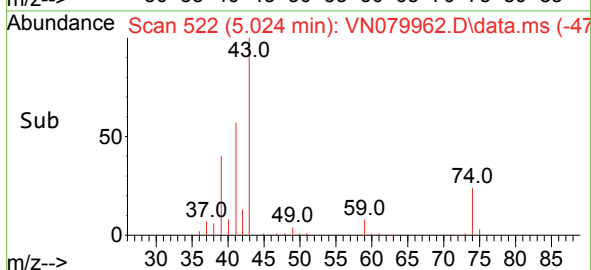
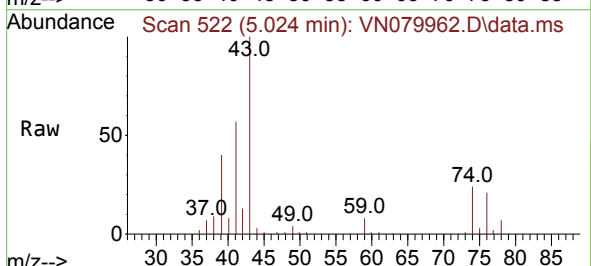


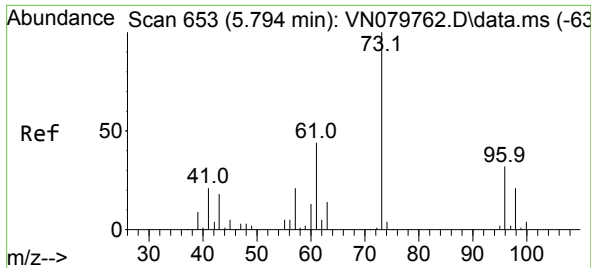
Tgt Ion: 76 Resp: 189554
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 24.855 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 43 Resp: 203334
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

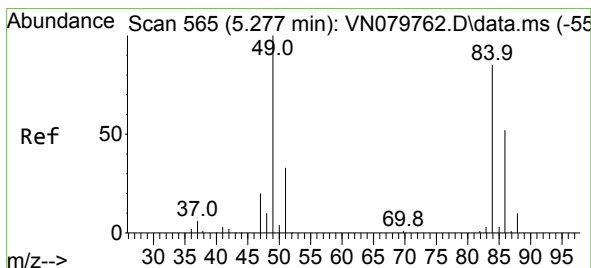
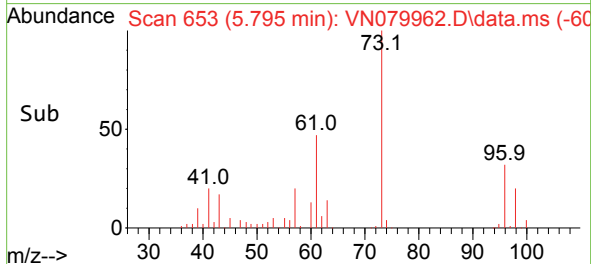
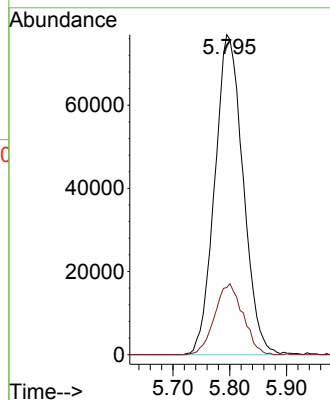
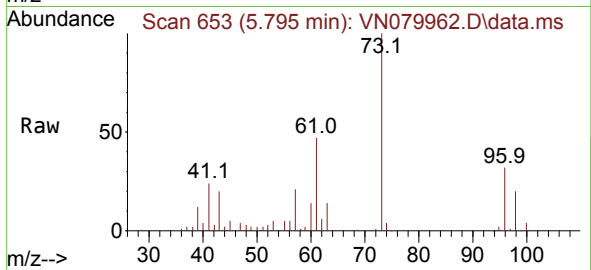




#19
Methyl tert-butyl Ether
Concen: 22.493 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

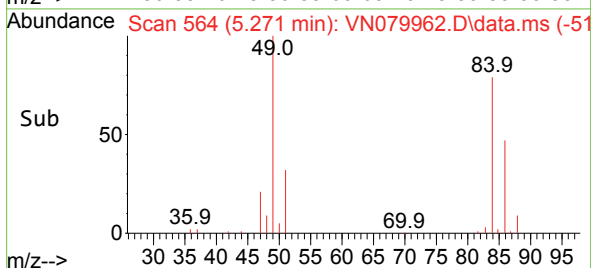
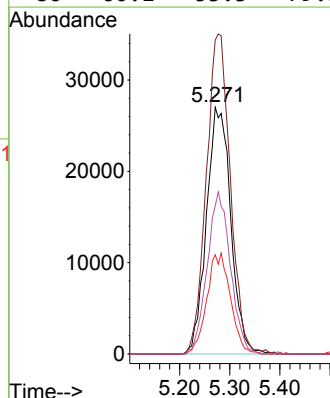
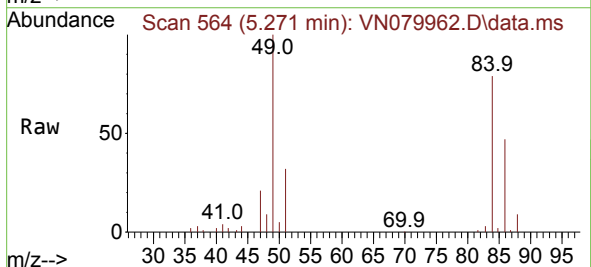
Instrument :
MSVOA_N
ClientSampleId :

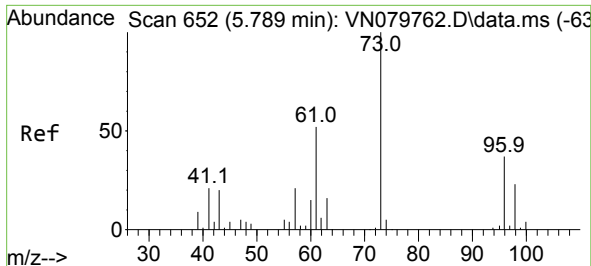
Tgt Ion: 73 Resp: 266340
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 21.106 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 84 Resp: 91064
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5#
51 40.2 25.2 37.8#
86 60.1 53.3 79.9

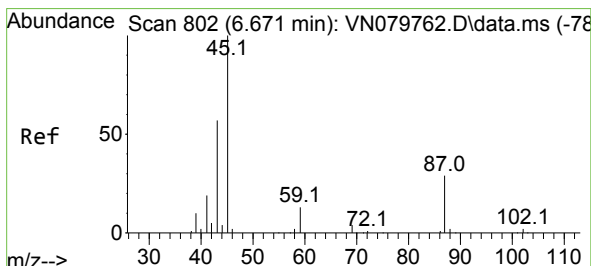
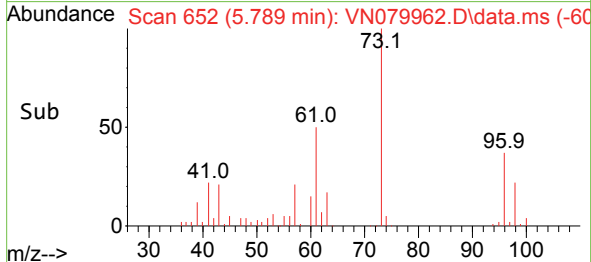
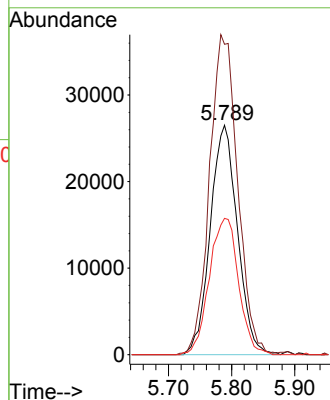
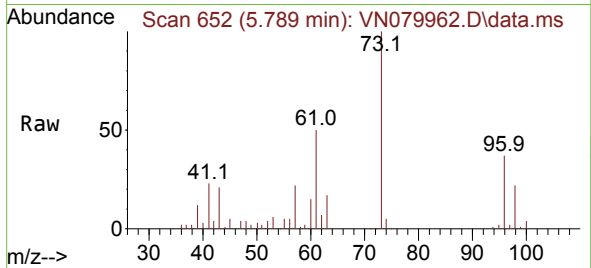




#21
trans-1,2-Dichloroethene
Concen: 20.677 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

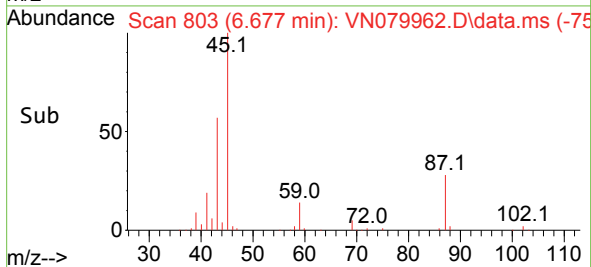
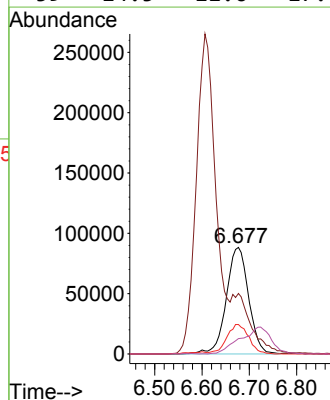
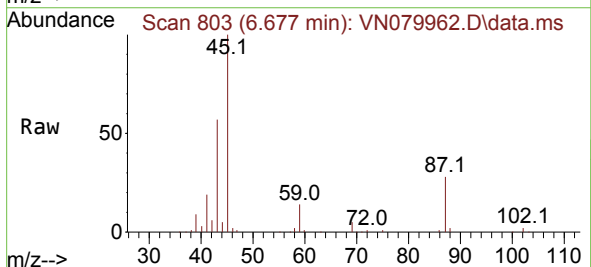
Instrument :
MSVOA_N
ClientSampleId :

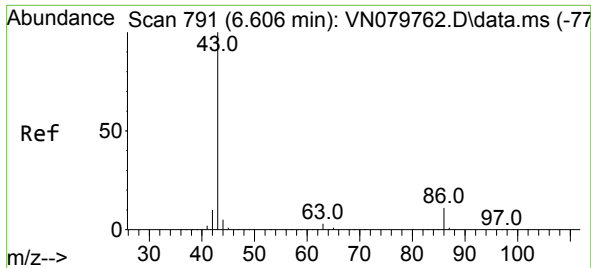
Tgt Ion: 96 Resp: 79312
Ion Ratio Lower Upper
96 100
61 134.7 90.1 135.1
98 59.4 46.4 69.6



#22
Diisopropyl ether
Concen: 23.685 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 45 Resp: 289136
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 27.4 31.8 47.8#
59 14.5 11.6 17.4

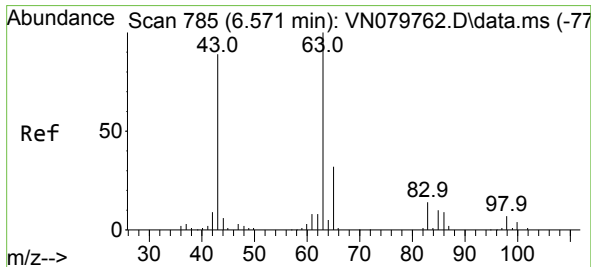
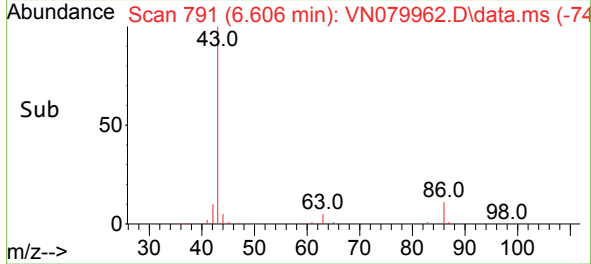
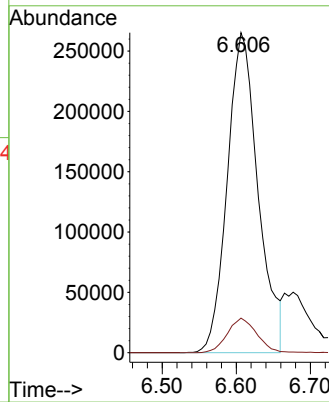
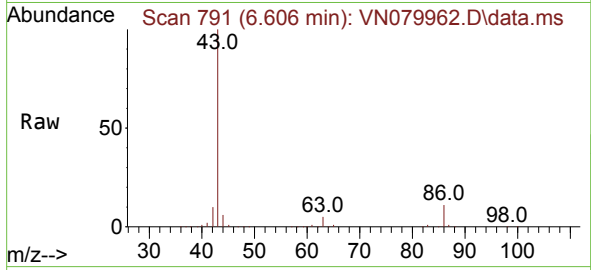




#23
 Vinyl Acetate
 Concen: 113.860 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

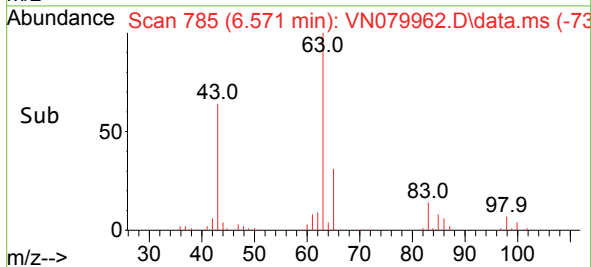
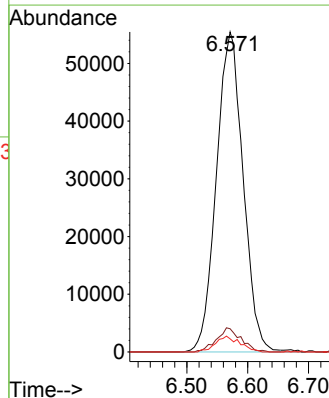
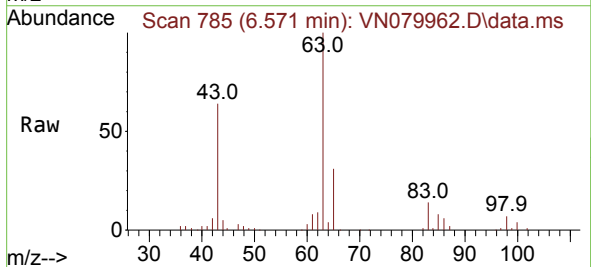
Instrument :
 MSVOA_N
 ClientSampleId :

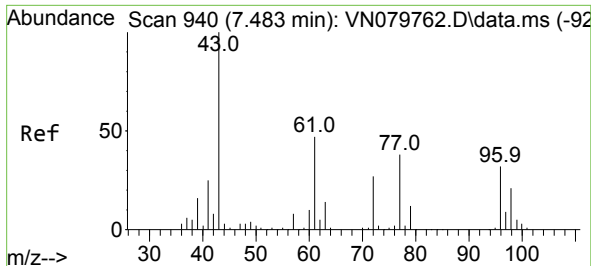
Tgt Ion: 43 Resp: 766695
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 22.749 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Tgt Ion: 63 Resp: 168792
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.1 2.5 7.4

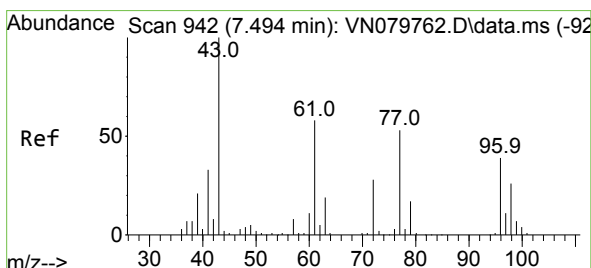
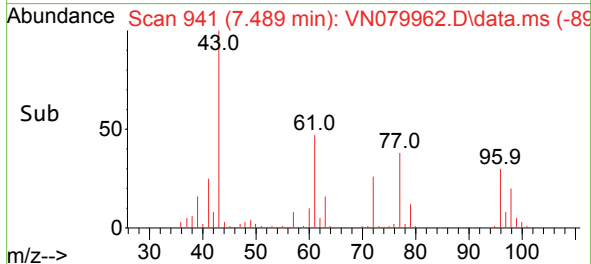
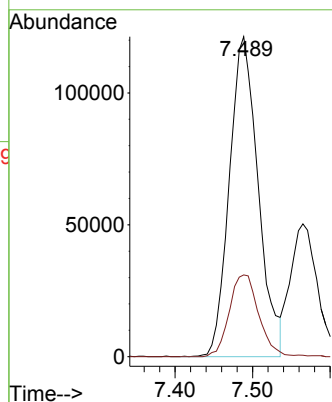
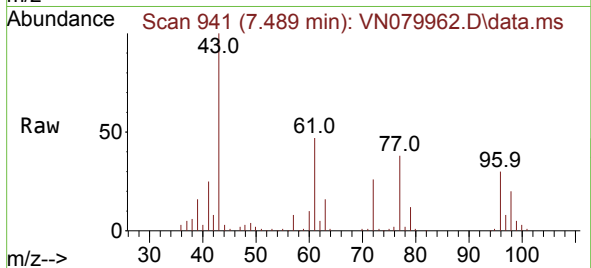




#25
2-Butanone
Concen: 125.427 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

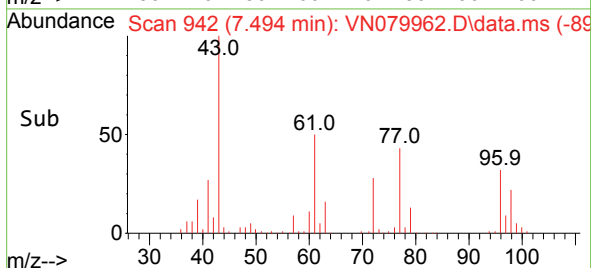
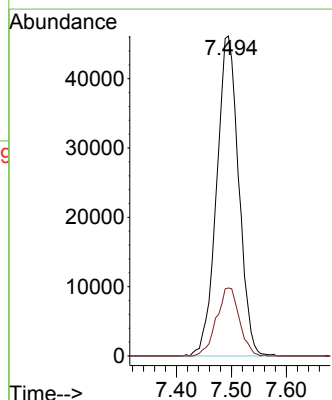
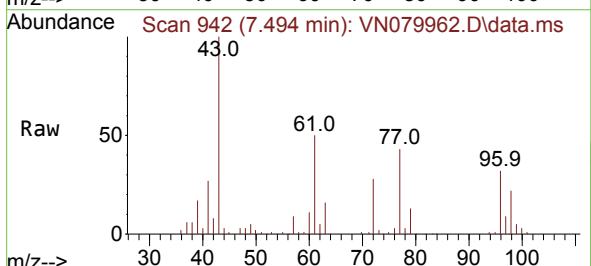
Instrument :
MSVOA_N
ClientSampleId :

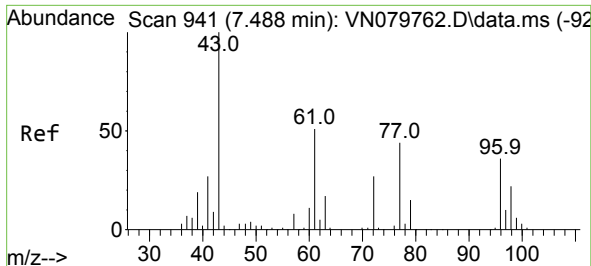
Tgt Ion: 43 Resp: 314066
Ion Ratio Lower Upper
43 100
72 25.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.012 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 77 Resp: 128935
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.426 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

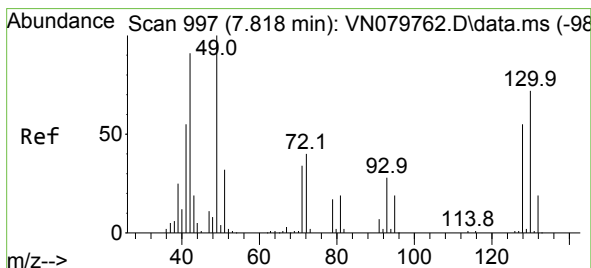
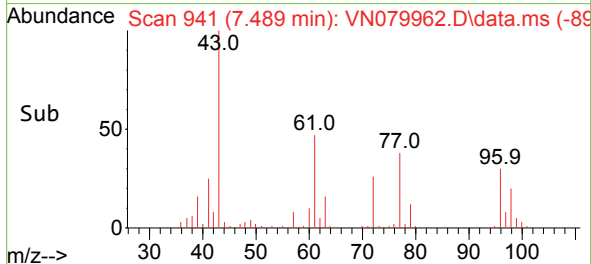
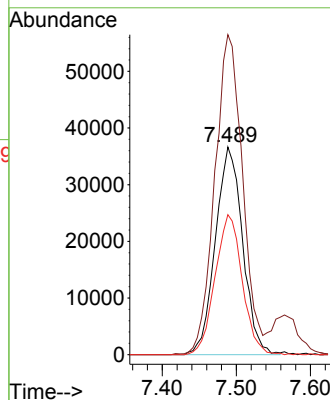
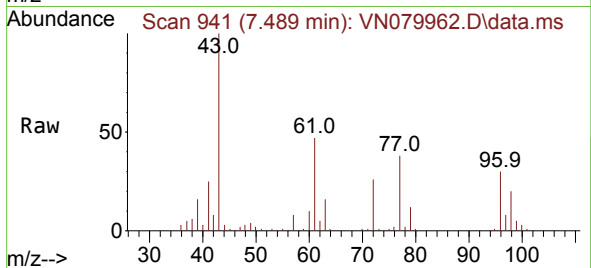
Tgt Ion: 96 Resp: 93720

Ion Ratio Lower Upper

96 100

61 156.7 0.0 255.2

98 67.2 0.0 128.8



#28

Bromochloromethane

Concen: 23.255 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

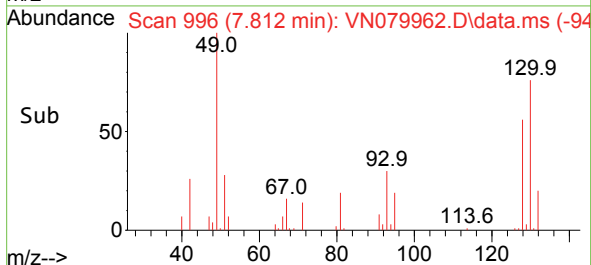
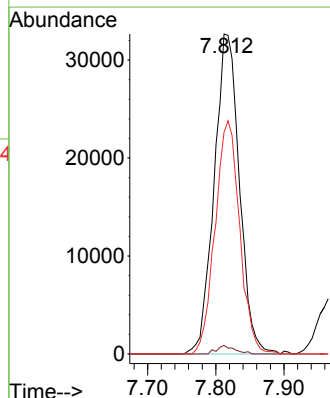
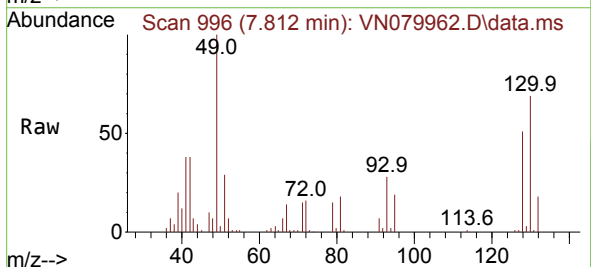
Tgt Ion: 49 Resp: 84088

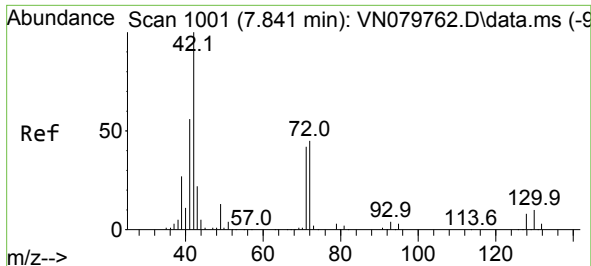
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

130 70.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 127.707 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

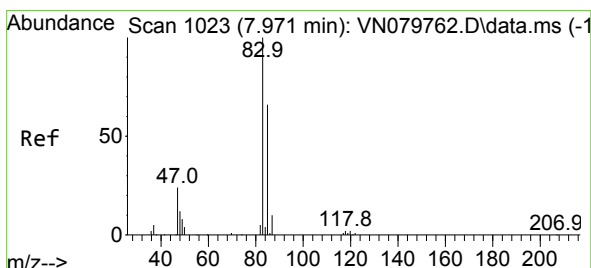
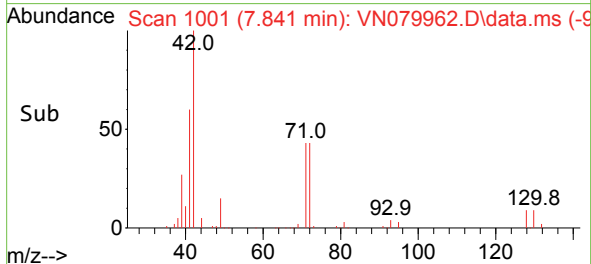
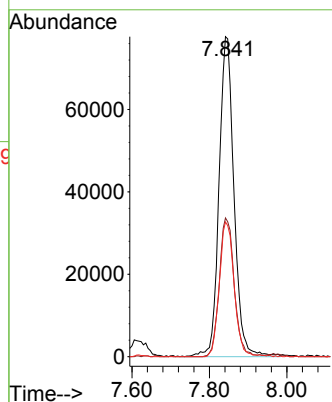
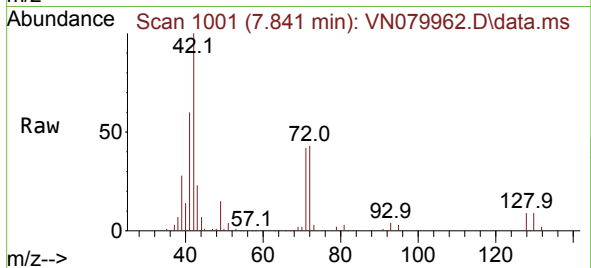
Tgt Ion: 42 Resp: 208049

Ion Ratio Lower Upper

42 100

72 43.1 49.8 74.6#

71 41.7 47.4 71.2#



#30

Chloroform

Concen: 21.543 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079962.D

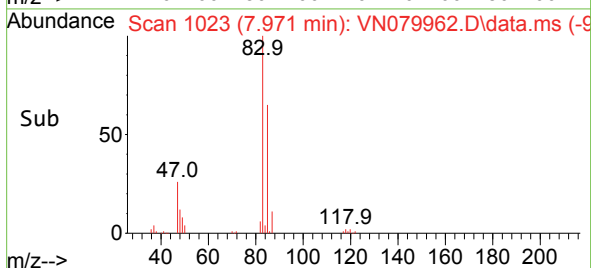
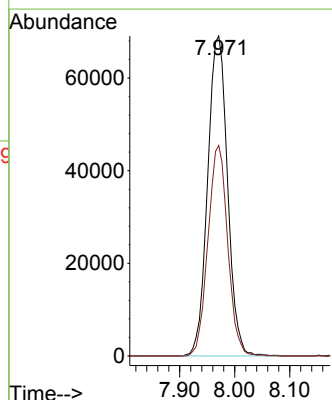
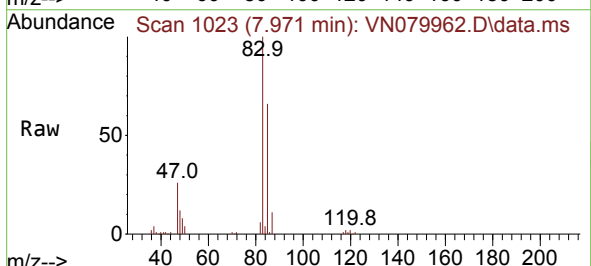
Acq: 07 Nov 2023 13:55

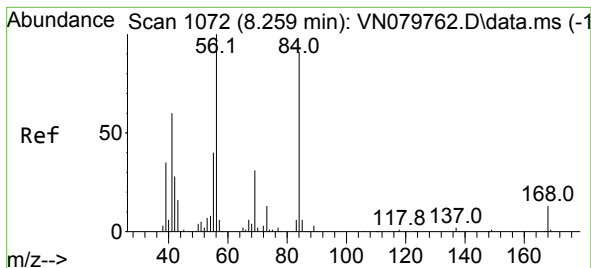
Tgt Ion: 83 Resp: 173628

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0





#31

Cyclohexane

Concen: 20.639 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

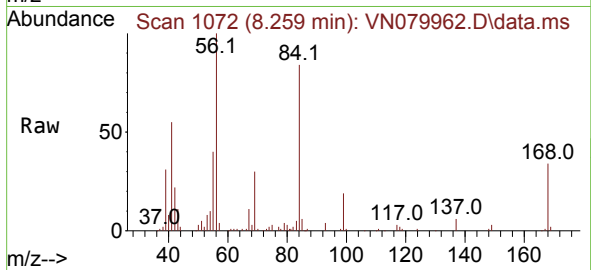
Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :



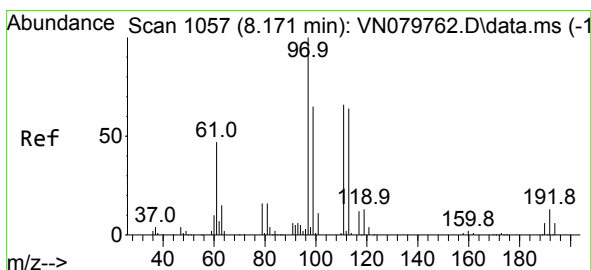
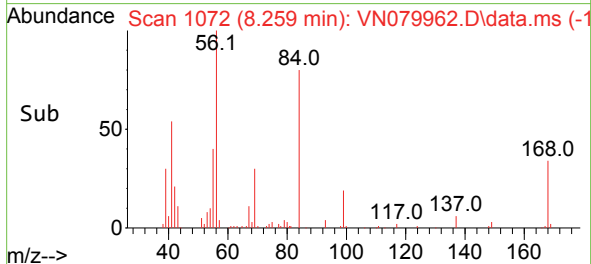
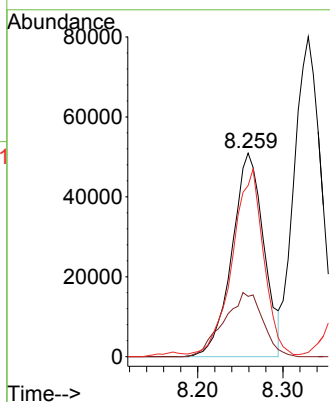
Tgt Ion: 56 Resp: 132766

Ion Ratio Lower Upper

56 100

69 29.6 26.8 40.2

84 82.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 22.561 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

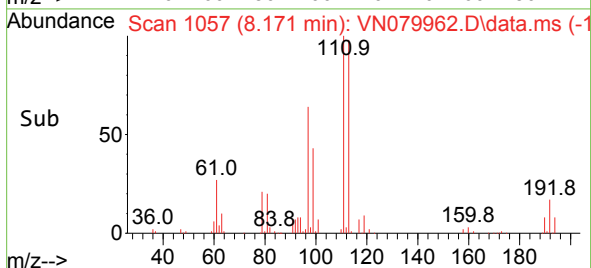
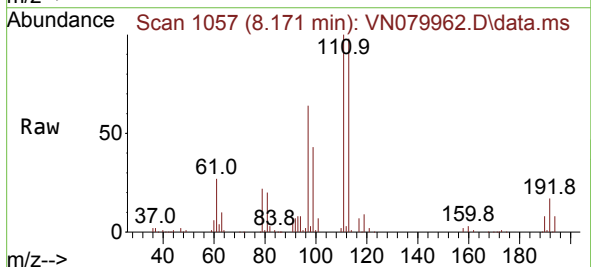
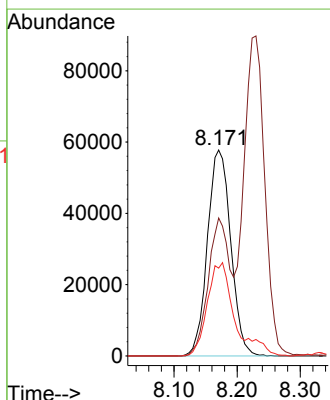
Tgt Ion: 97 Resp: 148157

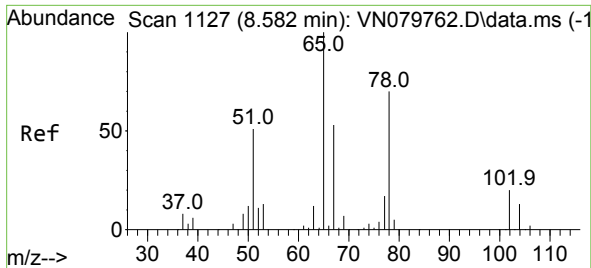
Ion Ratio Lower Upper

97 100

99 62.2 50.3 75.5

61 53.1 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 57.271 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

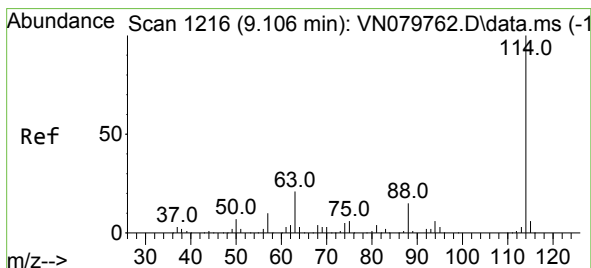
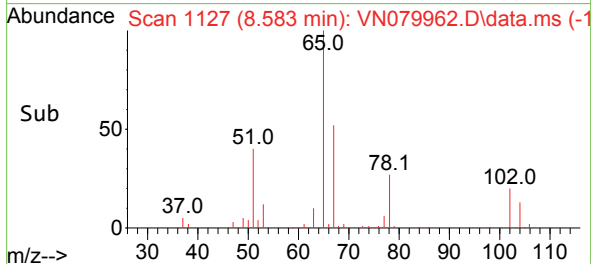
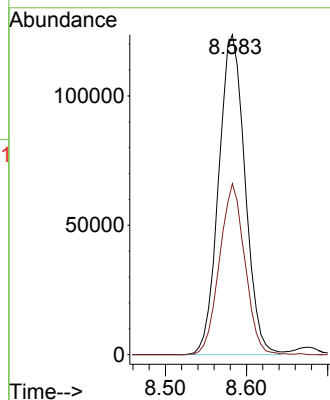
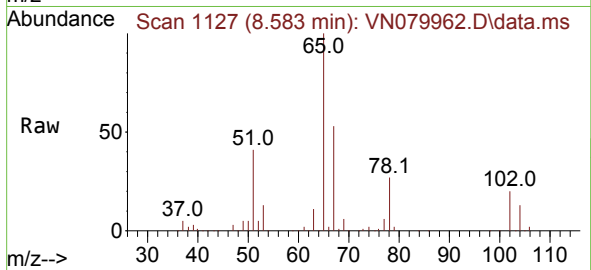
ClientSampleId :

Tgt Ion: 65 Resp: 278796

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

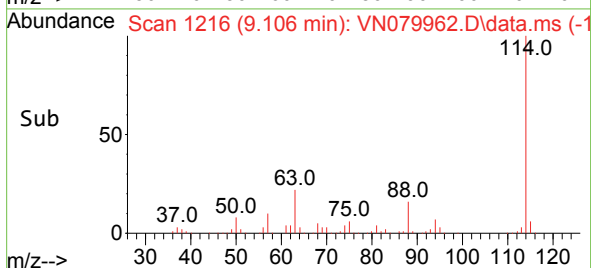
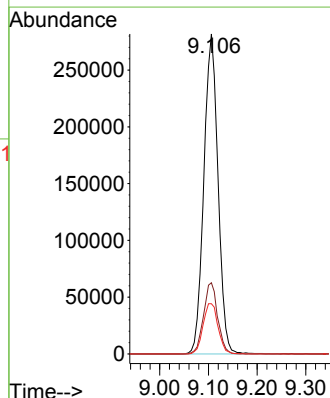
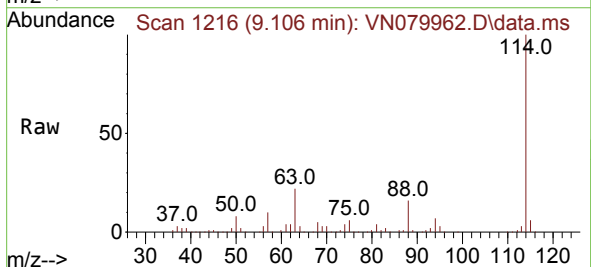
Tgt Ion: 114 Resp: 569368

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.438 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

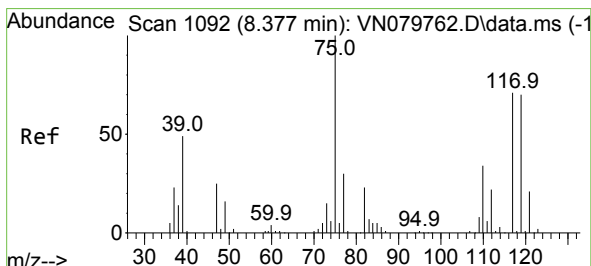
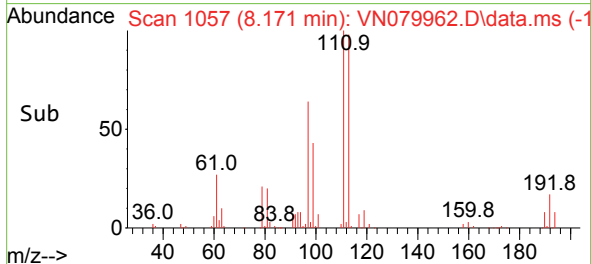
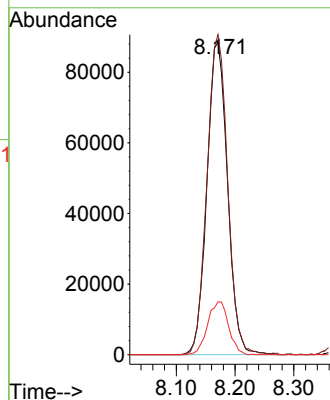
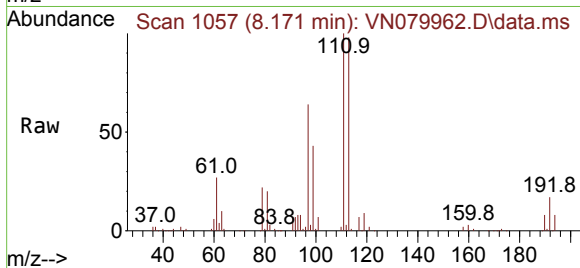
Tgt Ion:113 Resp: 215343

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 21.048 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

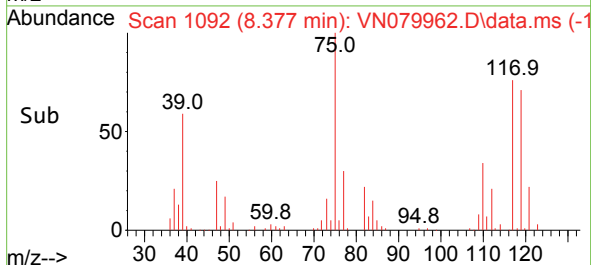
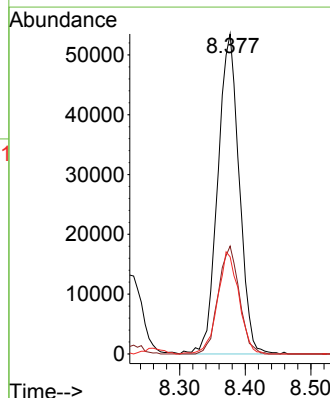
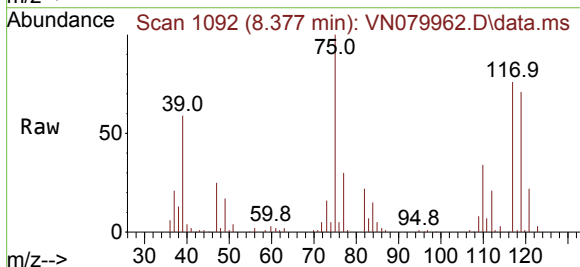
Tgt Ion: 75 Resp: 121108

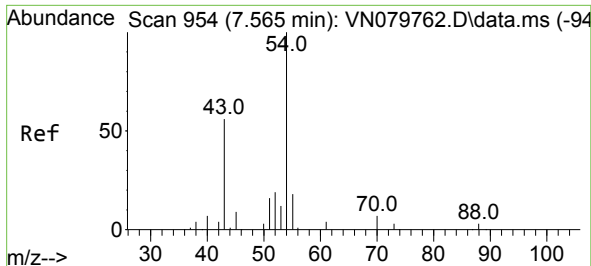
Ion Ratio Lower Upper

75 100

110 33.2 19.1 57.3

77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 23.983 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN079962.D

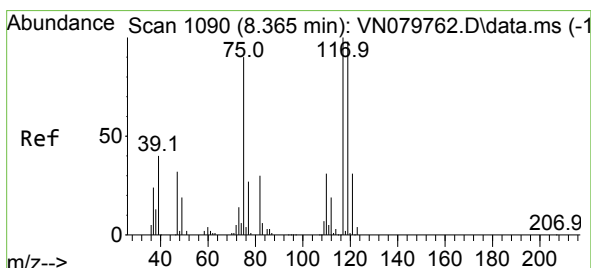
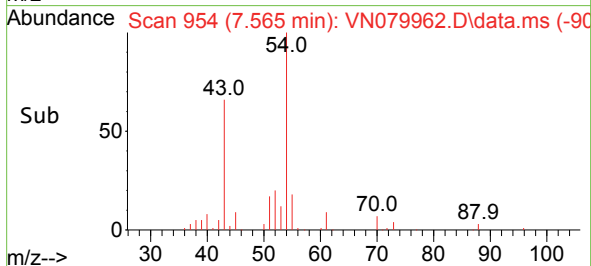
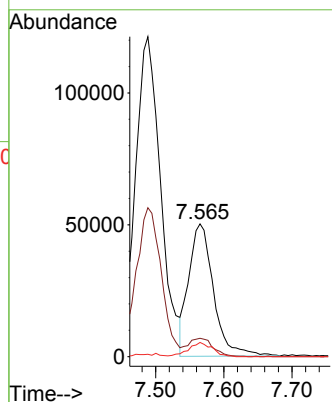
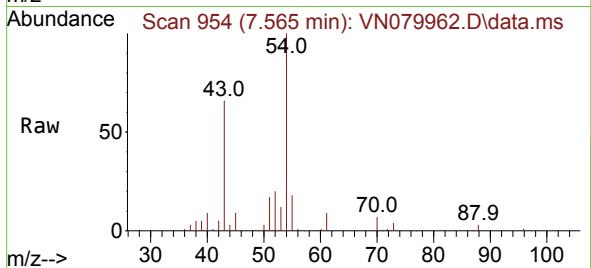
Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 126555
Ion Ratio	Lower Upper
43	100
61	13.3 13.2 19.8
70	10.4 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 21.686 ug/l

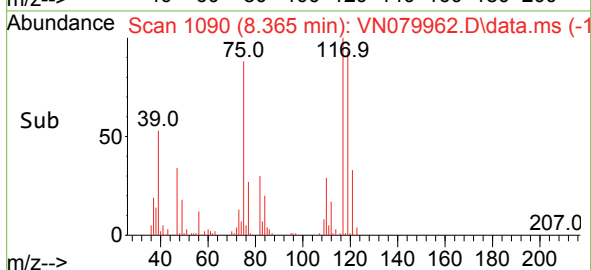
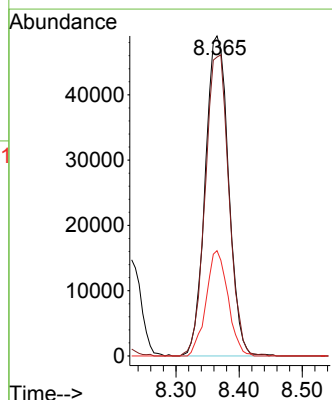
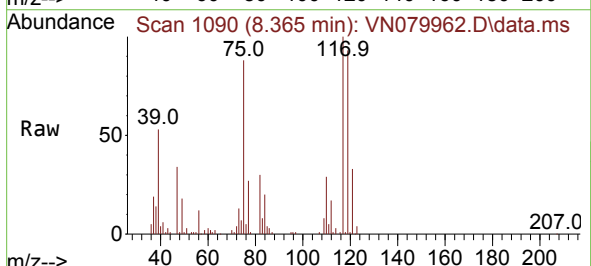
RT: 8.365 min Scan# 1090

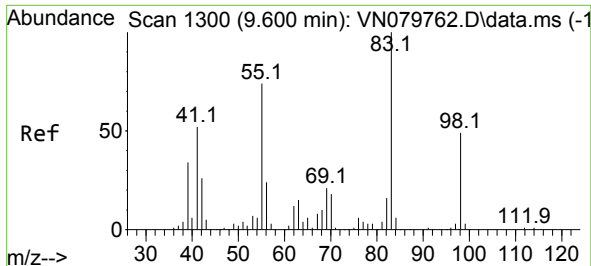
Delta R.T. 0.006 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Tgt Ion: 117	Resp: 125752
Ion Ratio	Lower Upper
117	100
119	93.4 77.3 115.9
121	32.9 23.3 34.9





#39

Methylcyclohexane

Concen: 20.524 ug/l

RT: 9.606 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

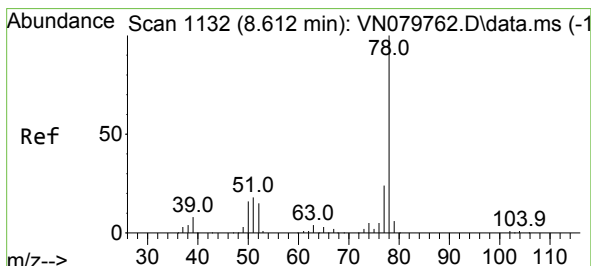
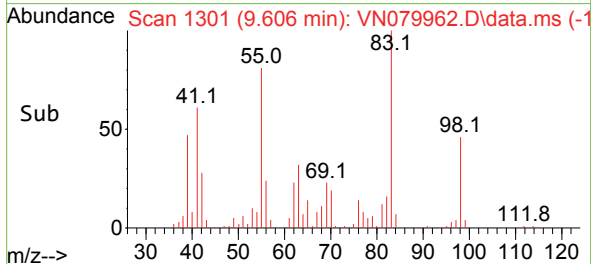
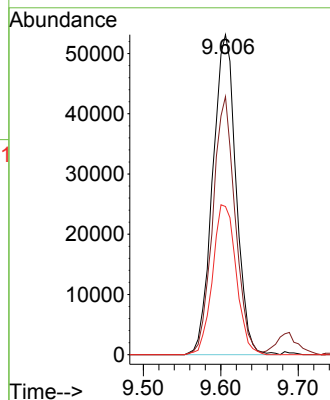
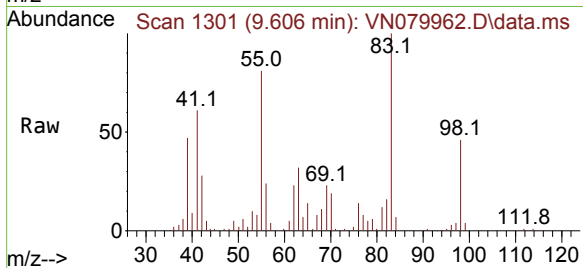
Tgt Ion: 83 Resp: 111134

Ion Ratio Lower Upper

83 100

55 80.7 49.1 73.7#

98 46.3 40.6 61.0



#40

Benzene

Concen: 21.455 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079962.D

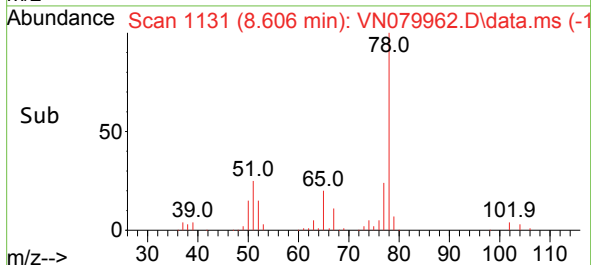
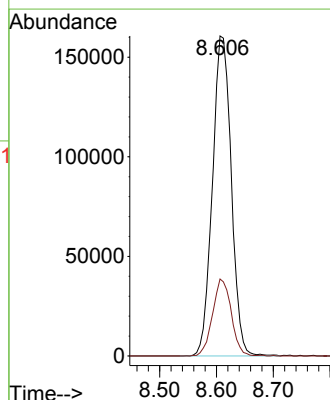
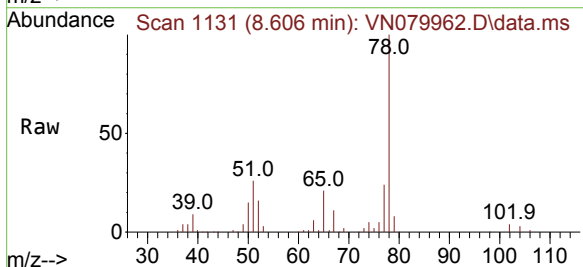
Acq: 07 Nov 2023 13:55

Tgt Ion: 78 Resp: 369740

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

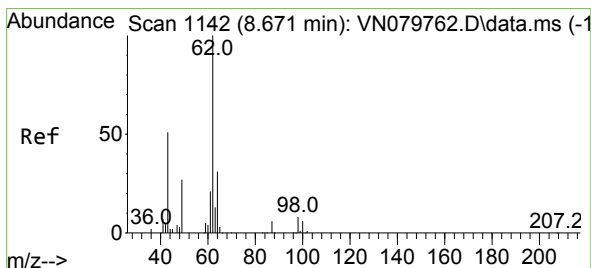
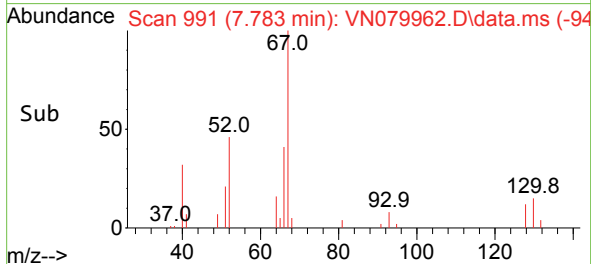
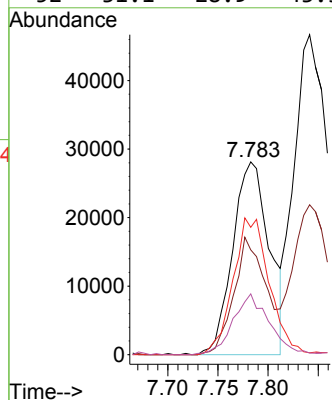
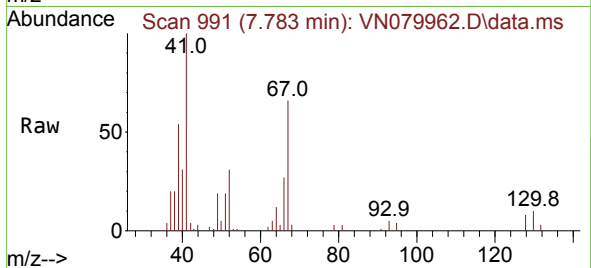




#41
Methacrylonitrile
Concen: 25.532 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

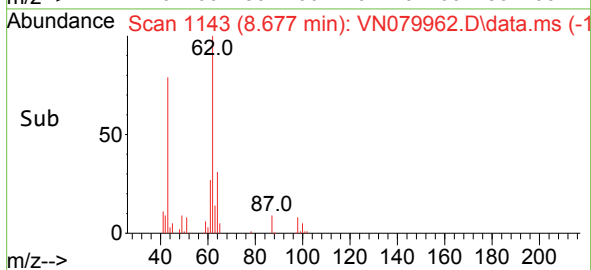
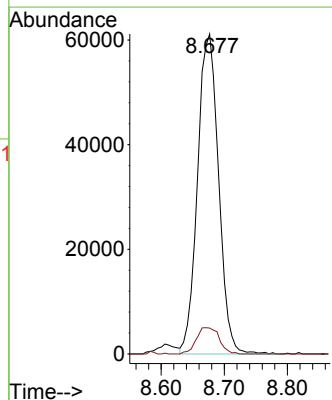
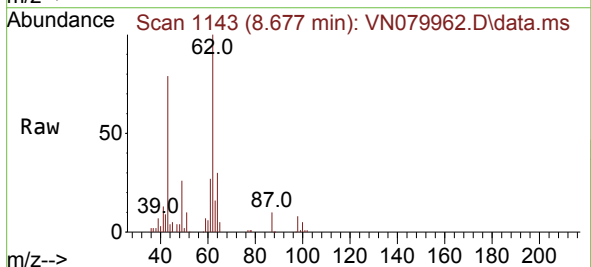
Instrument :
MSVOA_N
ClientSampleId :

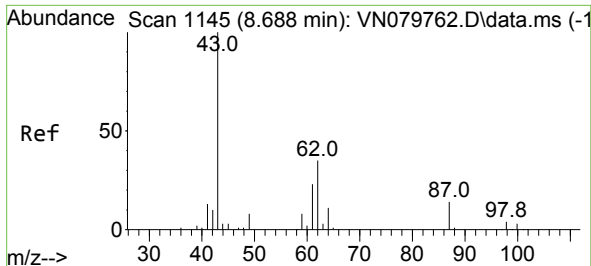
Tgt Ion: 41	Resp: 71545
Ion Ratio	Lower Upper
41 100	
39 51.4	42.6 64.0
67 70.6	77.5 116.3#
52 31.1	28.9 43.3



#42
1,2-Dichloroethane
Concen: 23.554 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 62	Resp: 141787
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8

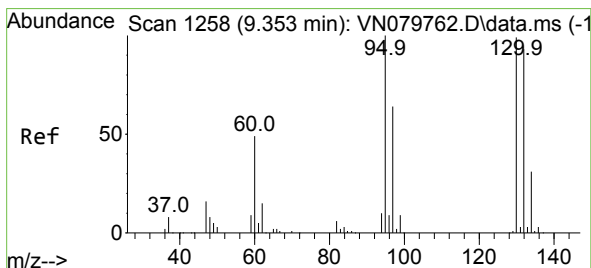
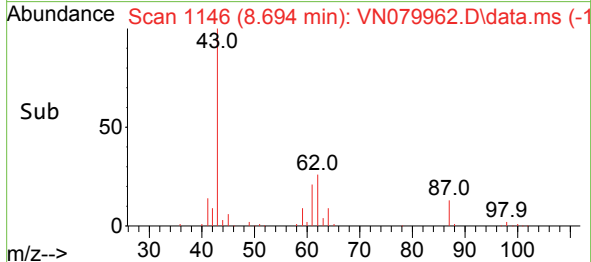
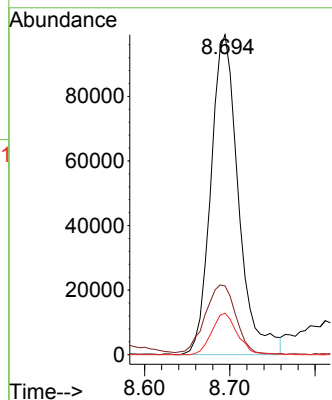
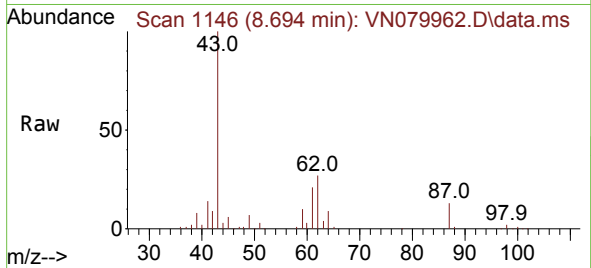




#43
Isopropyl Acetate
Concen: 24.147 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

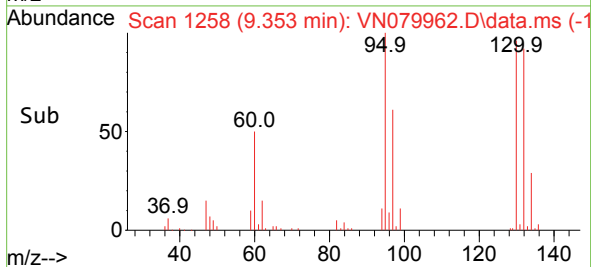
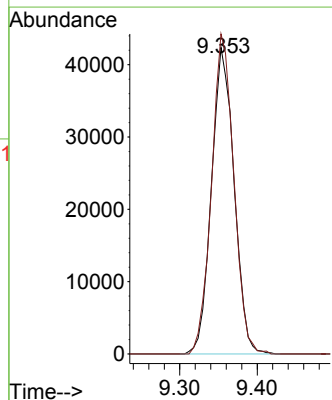
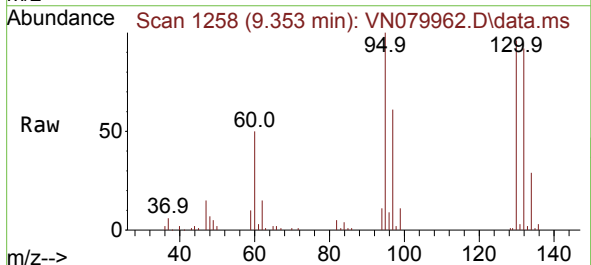
Instrument :
MSVOA_N
ClientSampleId :

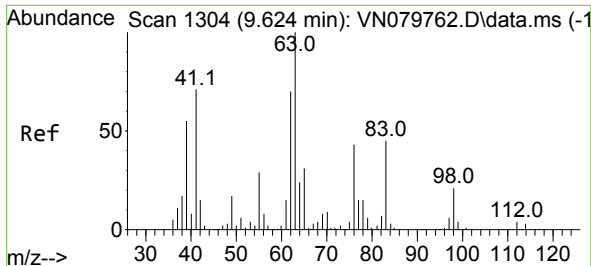
Tgt Ion: 43 Resp: 223462
Ion Ratio Lower Upper
43 100
61 24.3 24.7 37.1#
87 12.0 14.6 21.8#



#44
Trichloroethene
Concen: 20.069 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion:130 Resp: 85824
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6

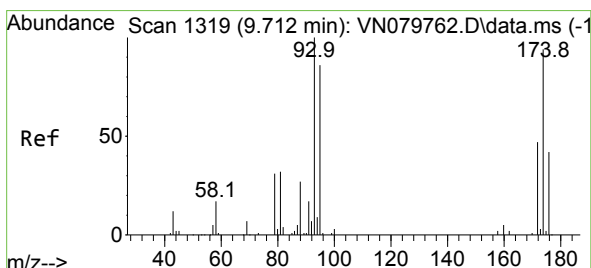
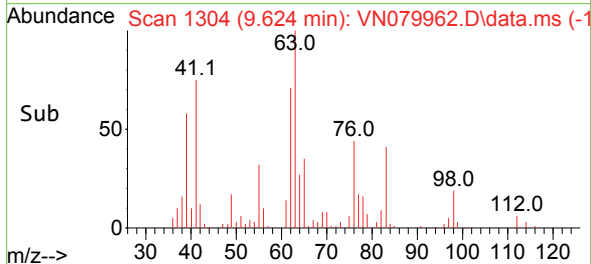
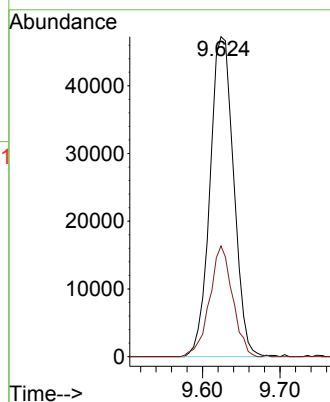
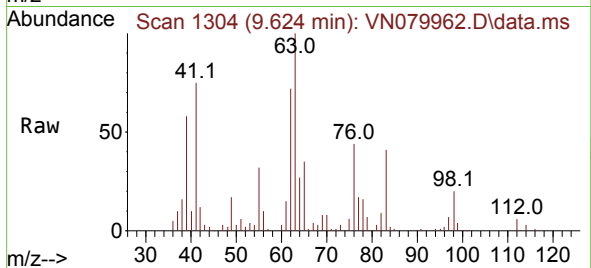




#45
1,2-Dichloropropane
Concen: 22.821 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

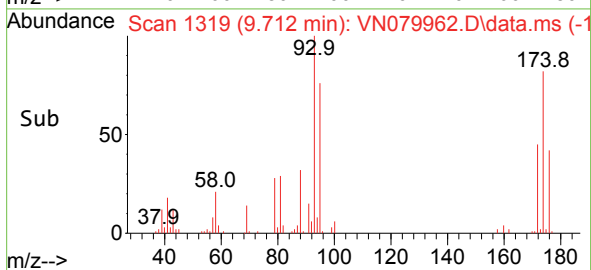
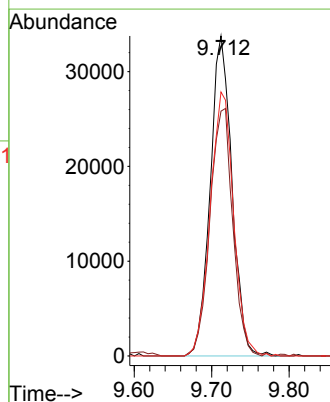
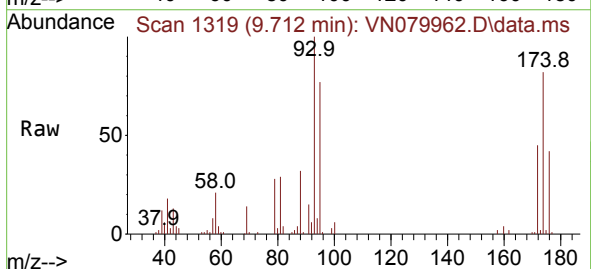
Instrument :
MSVOA_N
ClientSampleId :

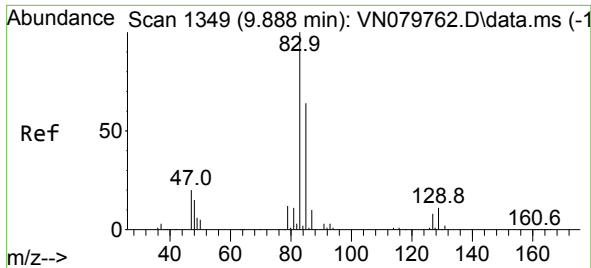
Tgt Ion: 63 Resp: 100506
Ion Ratio Lower Upper
63 100
65 34.6 23.9 35.9



#46
Dibromomethane
Concen: 21.905 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 93 Resp: 65872
Ion Ratio Lower Upper
93 100
95 80.9 63.8 95.8
174 88.6 65.6 98.4

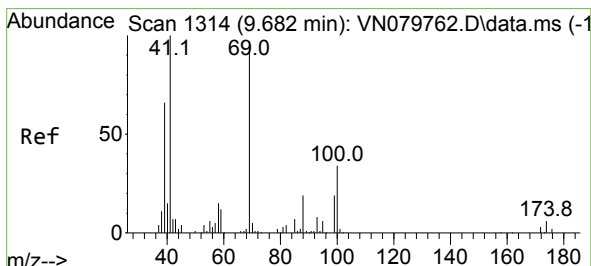
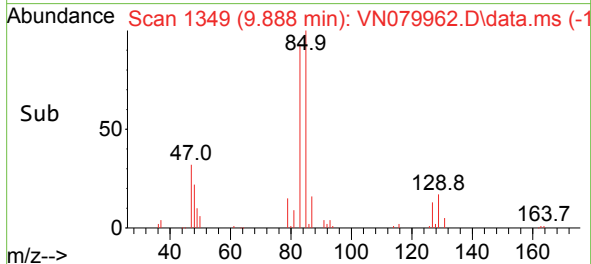
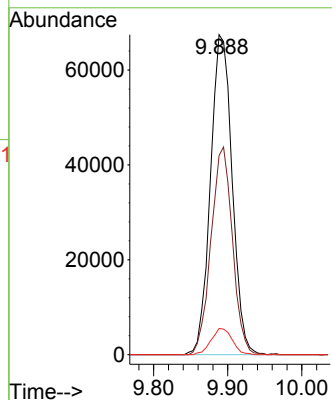
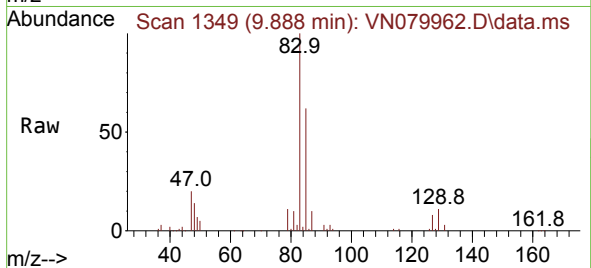




#47
Bromodichloromethane
Concen: 21.339 ug/l
RT: 9.888 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

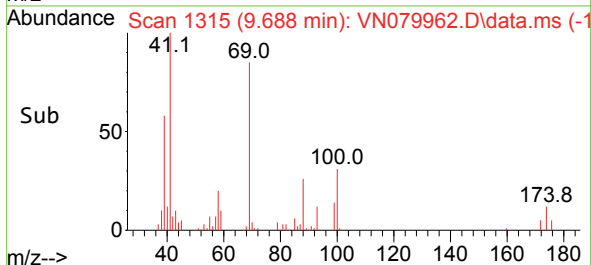
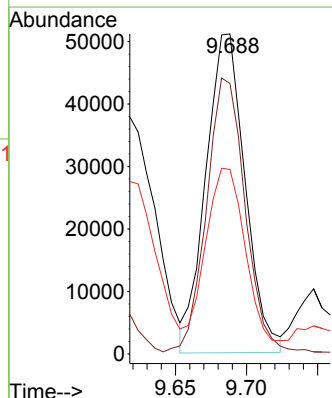
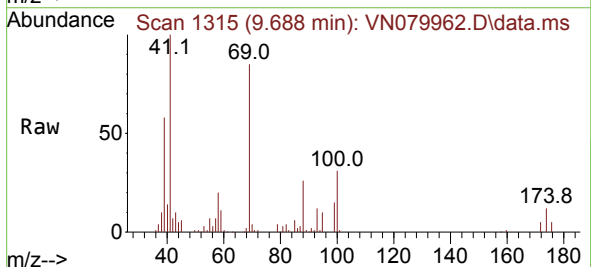
Instrument :
MSVOA_N
ClientSampleId :

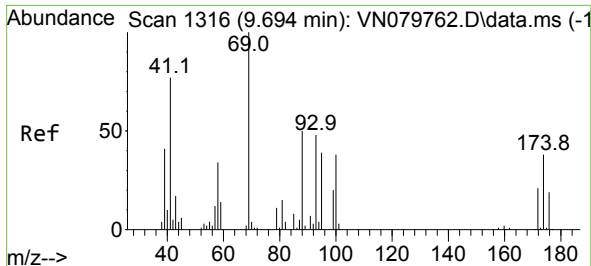
Tgt Ion: 83 Resp: 136853
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 24.243 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 41 Resp: 98268
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 513.949 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

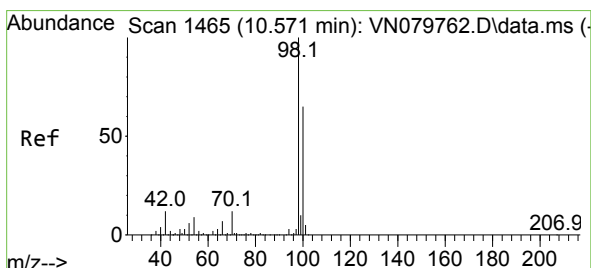
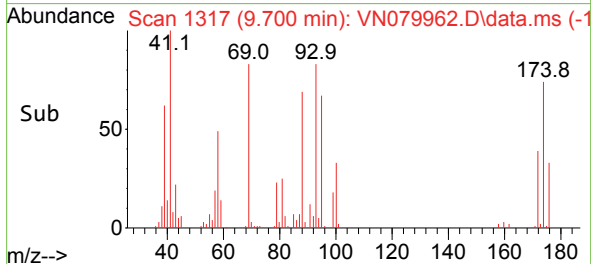
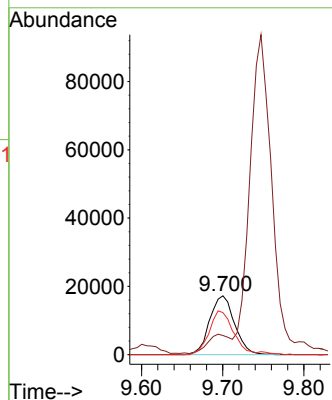
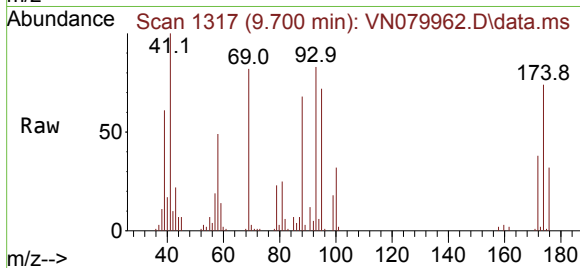
Tgt Ion: 88 Resp: 36811

Ion Ratio Lower Upper

88 100

43 30.3 17.0 25.6#

58 74.2 47.0 70.4#



#50

Toluene-d8

Concen: 53.139 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079962.D

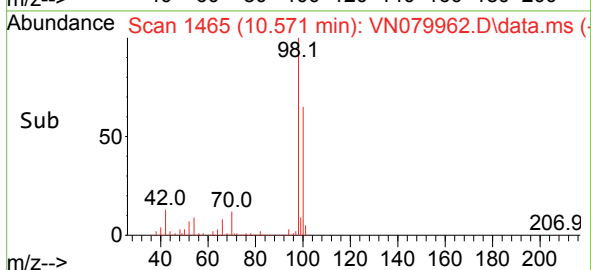
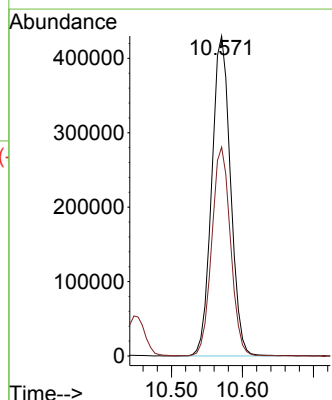
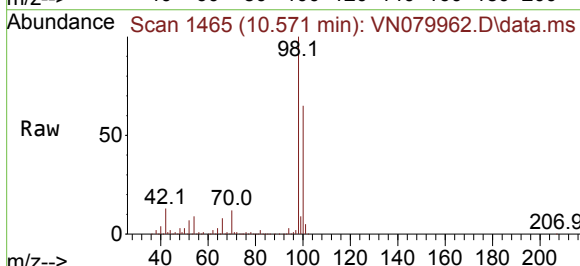
Acq: 07 Nov 2023 13:55

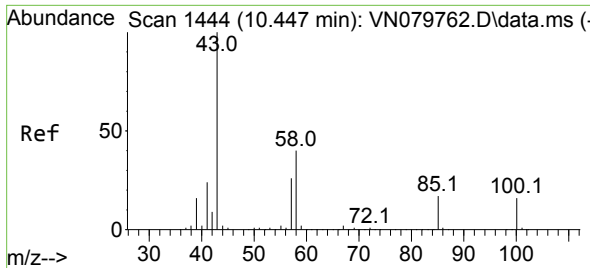
Tgt Ion: 98 Resp: 788323

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

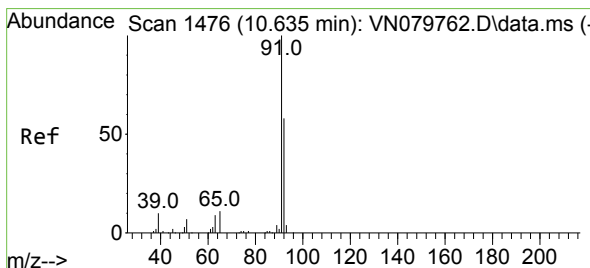
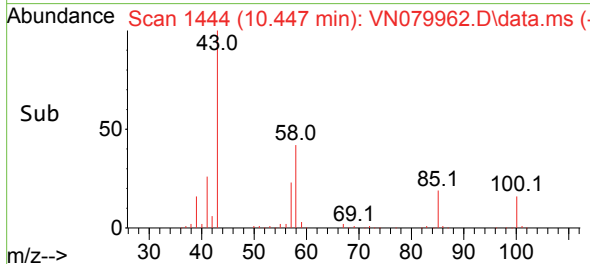
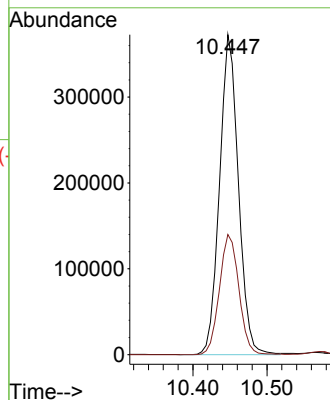
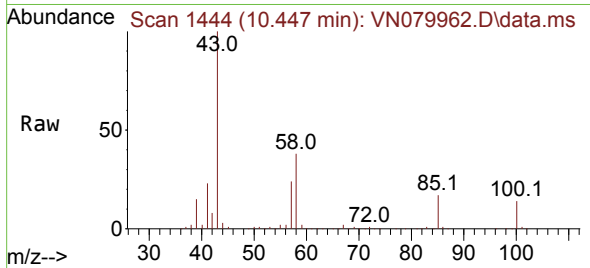




#51
4-Methyl-2-Pentanone
Concen: 126.241 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

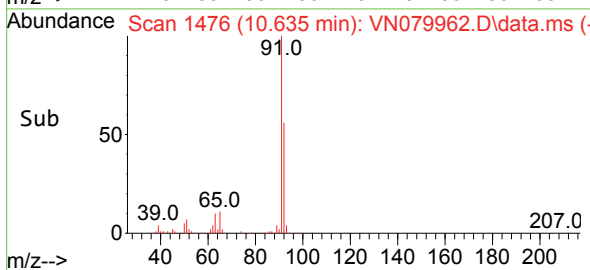
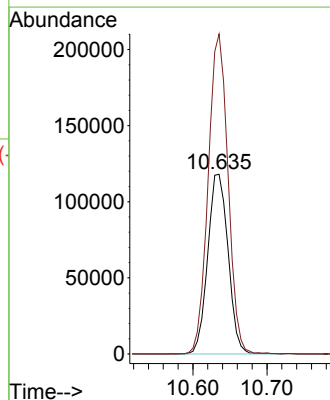
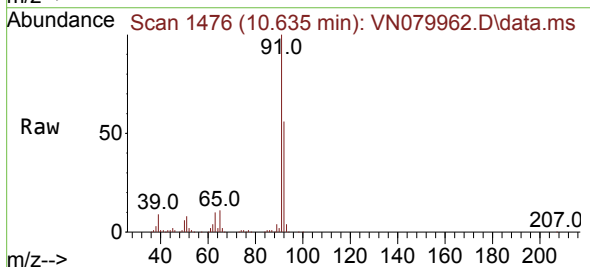
Instrument :
MSVOA_N
ClientSampleId :

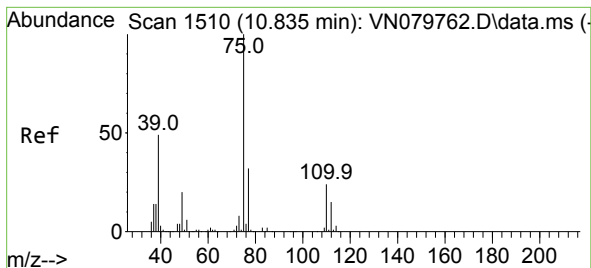
Tgt Ion: 43 Resp: 657715
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#52
Toluene
Concen: 22.107 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 92 Resp: 225857
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

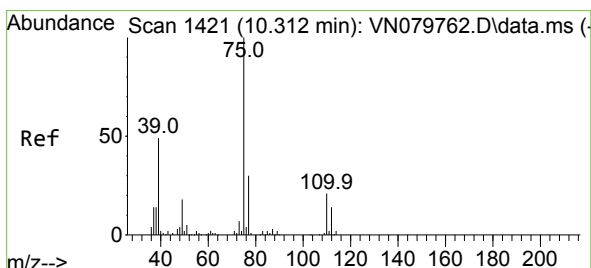
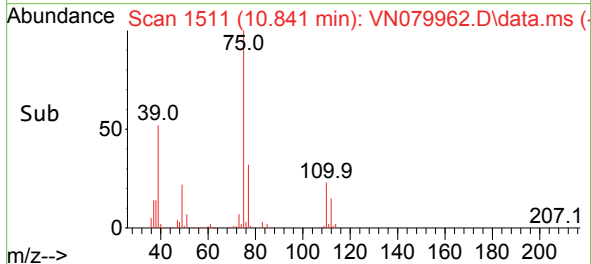
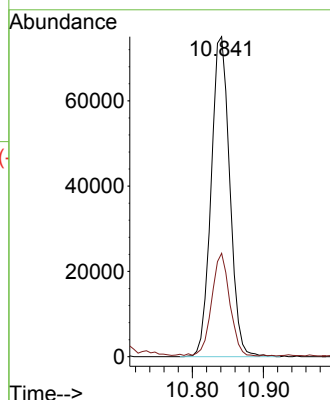
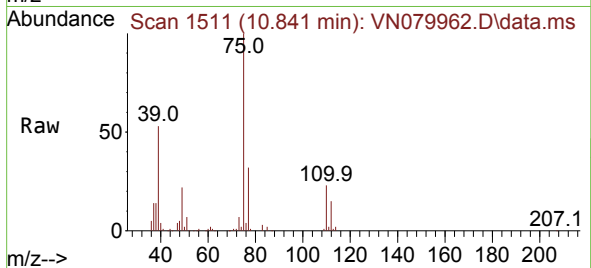




#53
 t-1,3-Dichloropropene
 Concen: 21.684 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

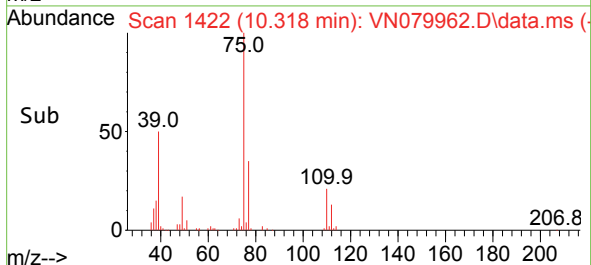
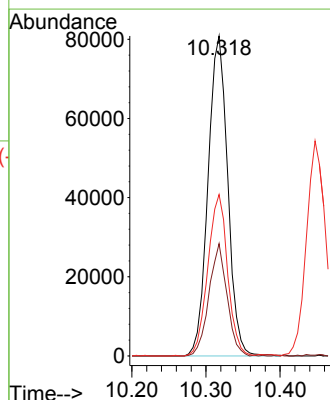
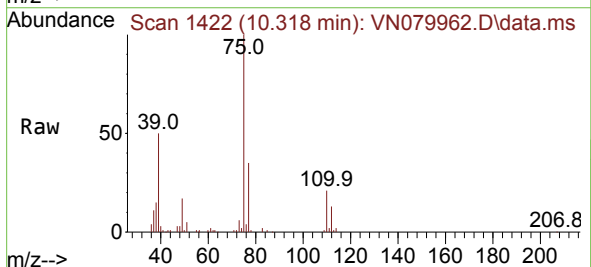
Instrument :
 MSVOA_N
 ClientSampleId :

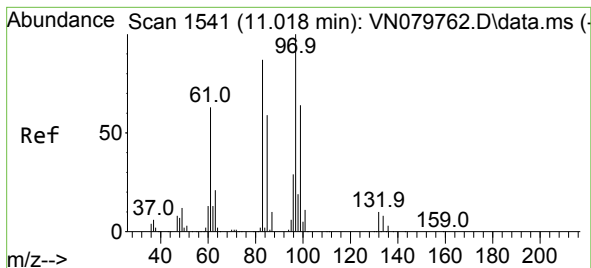
Tgt Ion: 75 Resp: 136329
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.759 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Tgt Ion: 75 Resp: 149112
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.1 39.1
 39 50.4 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 22.337 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

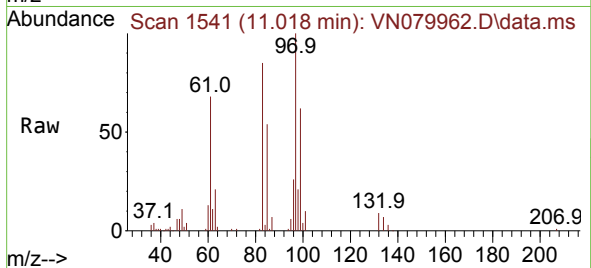
Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 91790

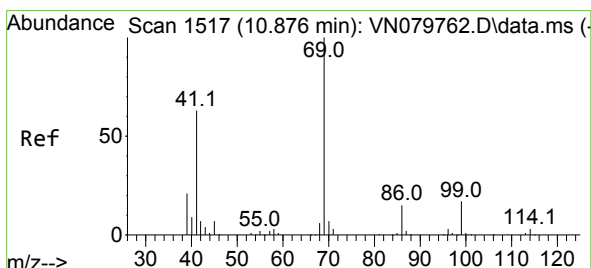
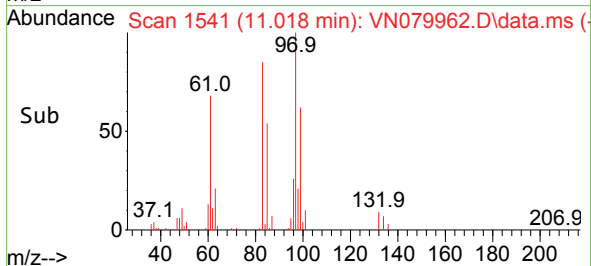
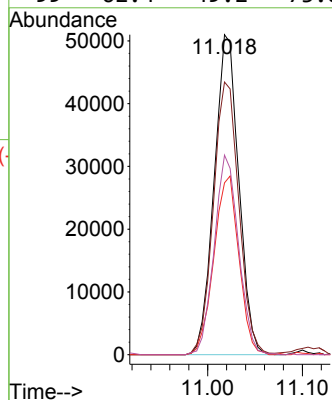
Ion Ratio Lower Upper

97 100

83 85.2 65.1 97.7

85 53.7 43.4 65.2

99 62.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 22.883 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

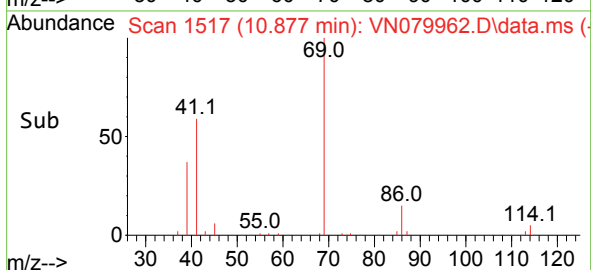
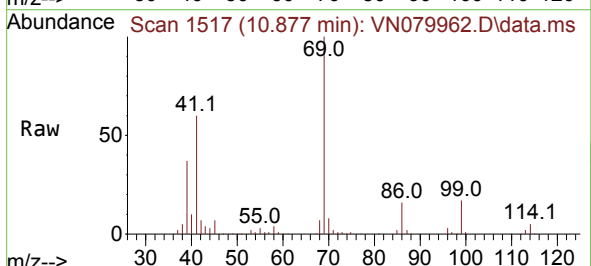
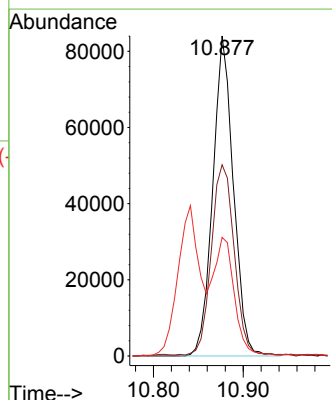
Tgt Ion: 69 Resp: 134129

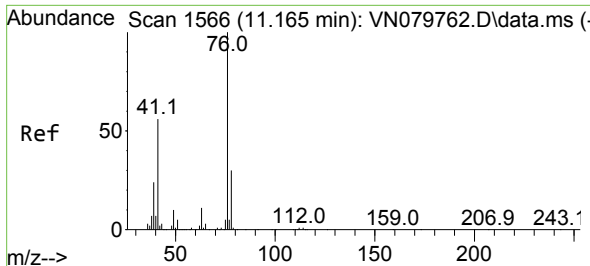
Ion Ratio Lower Upper

69 100

41 65.8 39.6 59.4#

39 37.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.473 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

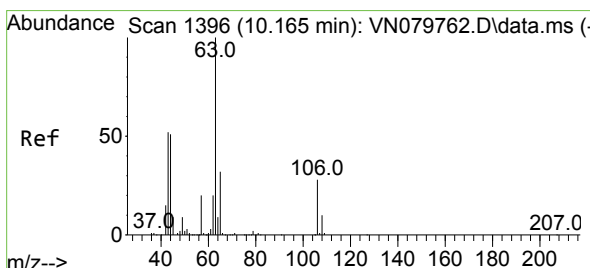
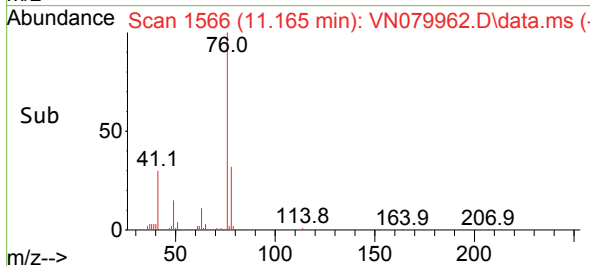
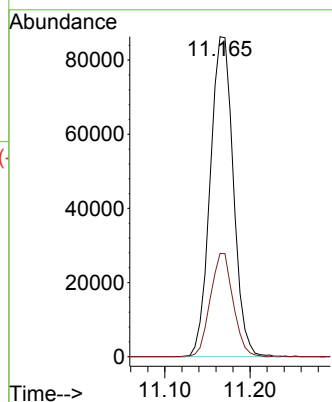
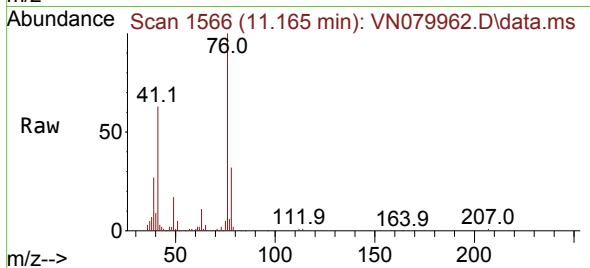
ClientSampleId :

Tgt Ion: 76 Resp: 162781

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.119 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079962.D

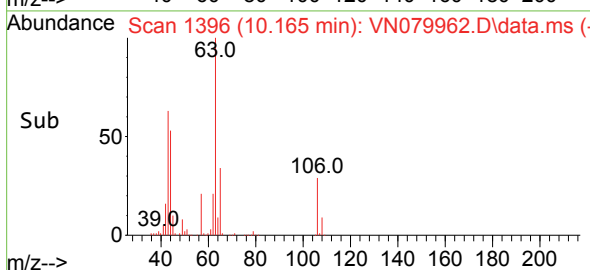
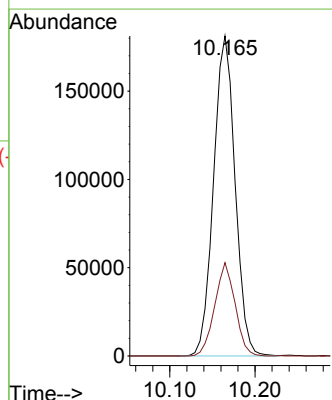
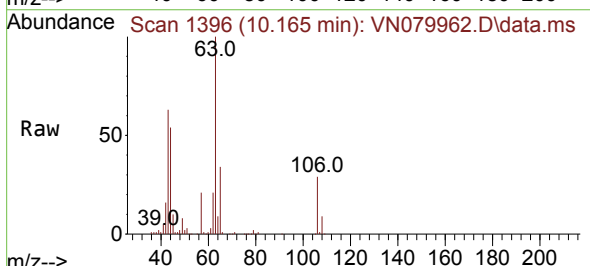
Acq: 07 Nov 2023 13:55

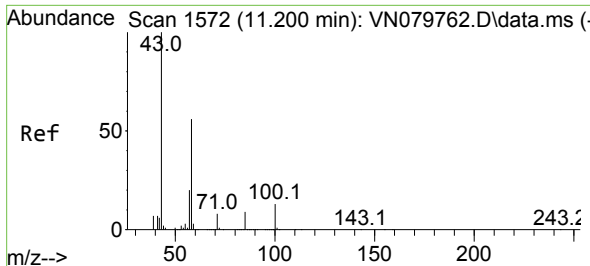
Tgt Ion: 63 Resp: 318235

Ion Ratio Lower Upper

63 100

106 27.5 26.2 39.4

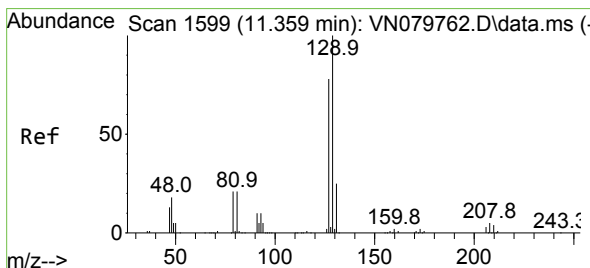
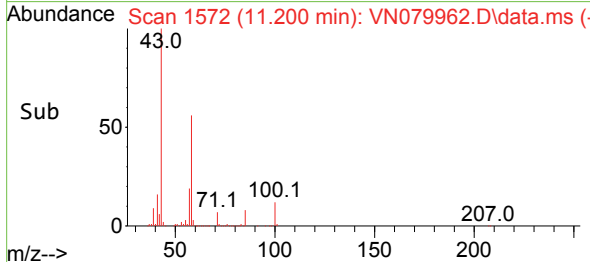
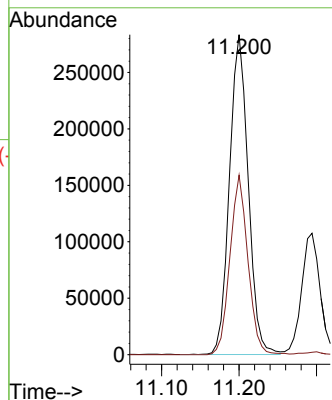
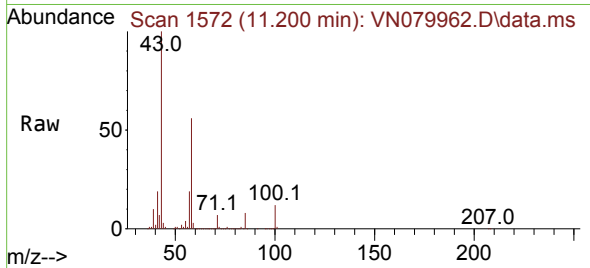




#59
2-Hexanone
Concen: 119.352 ug/l
RT: 11.200 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

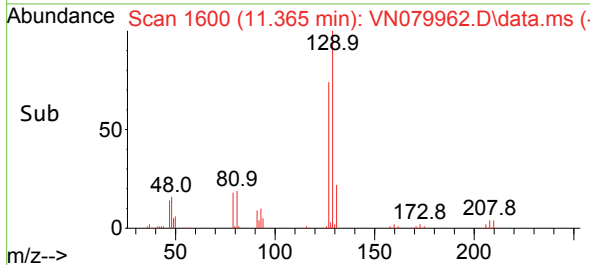
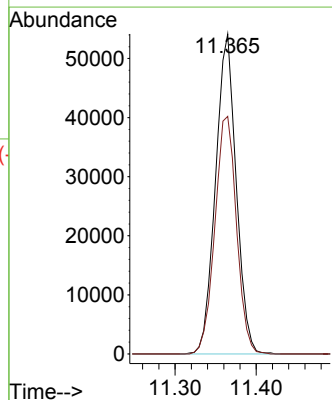
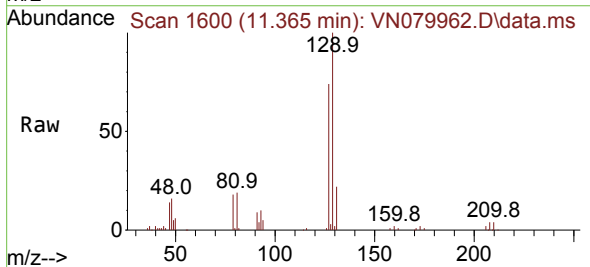
Instrument :
MSVOA_N
ClientSampleId :

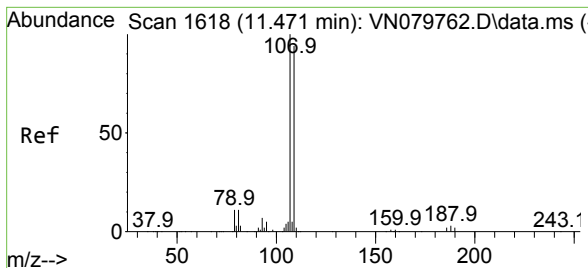
Tgt Ion: 43 Resp: 475696
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1



#60
Dibromochloromethane
Concen: 21.773 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 129 Resp: 95771
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

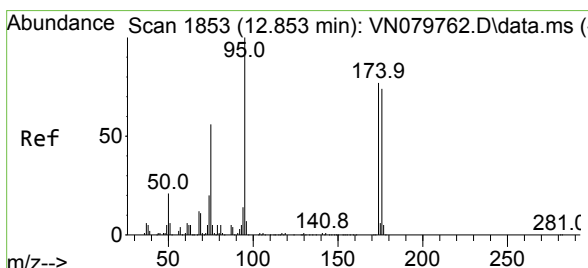
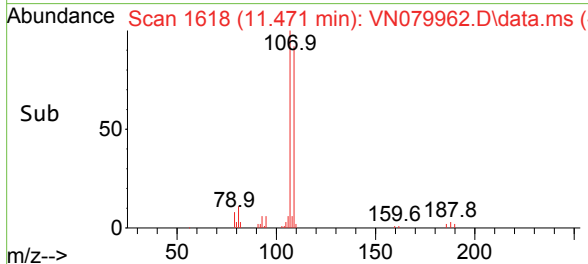
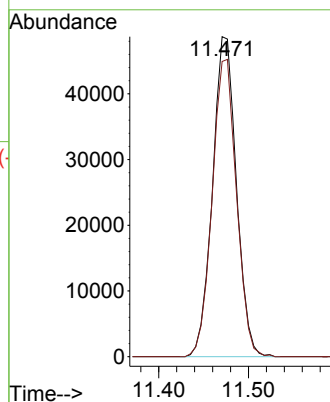
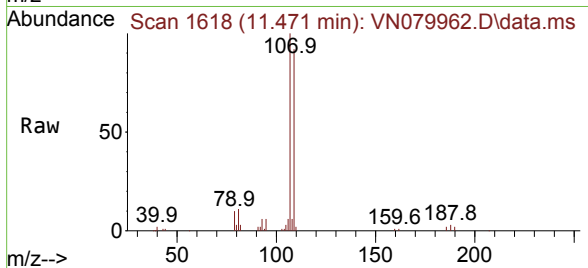




#61
1,2-Dibromoethane
Concen: 21.817 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

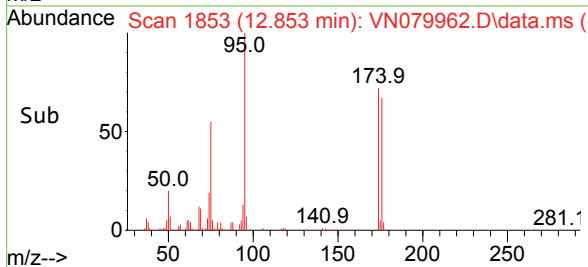
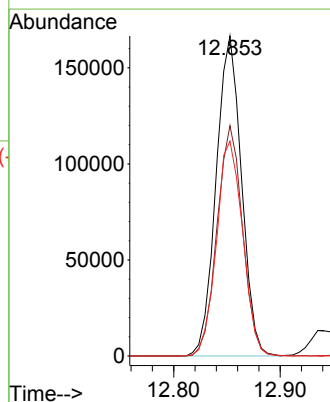
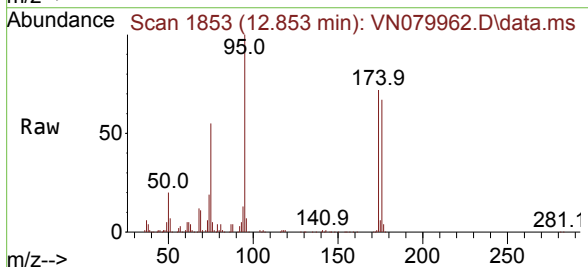
Instrument :
MSVOA_N
ClientSampleId :

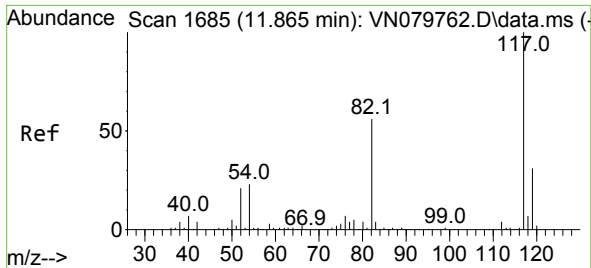
Tgt Ion:107 Resp: 89985
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.909 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 95 Resp: 275073
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 69.5 0.0 135.8

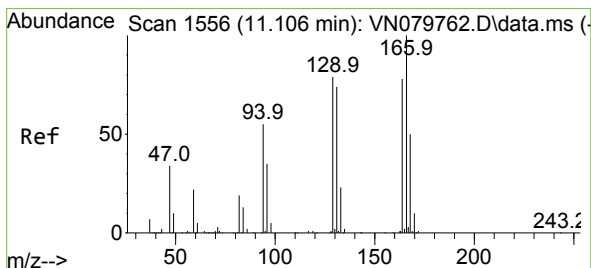
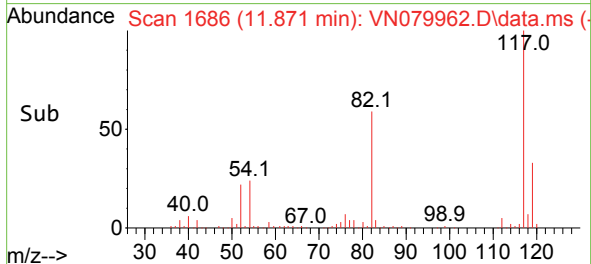
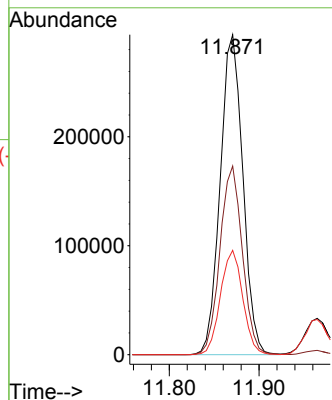
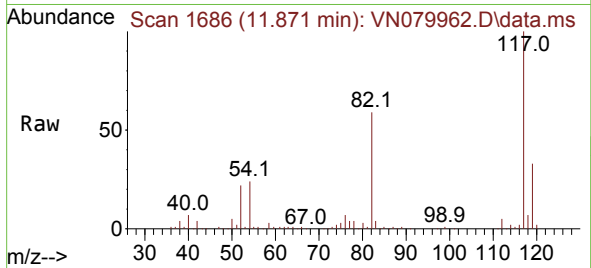




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

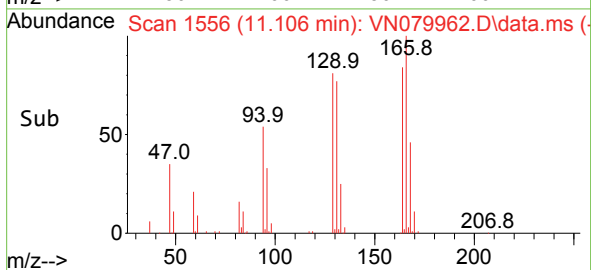
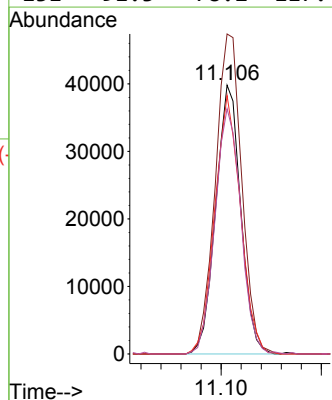
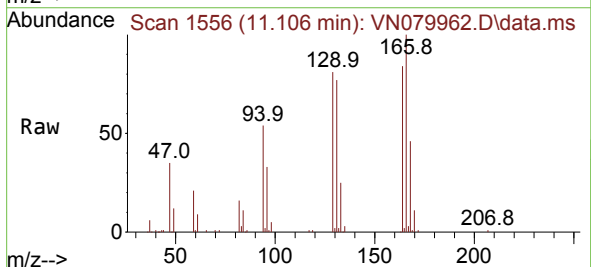
Instrument :
MSVOA_N
ClientSampleId :

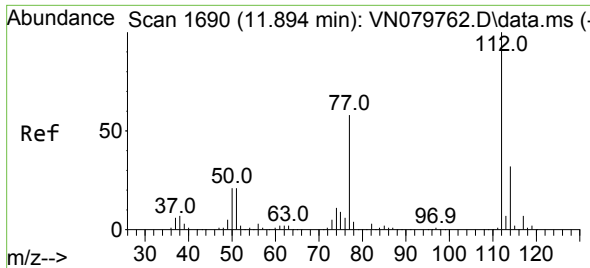
Tgt Ion:117 Resp: 514360
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 20.616 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion:164 Resp: 68677
Ion Ratio Lower Upper
164 100
166 119.0 101.4 152.0
129 96.1 82.4 123.6
131 91.3 78.2 117.4

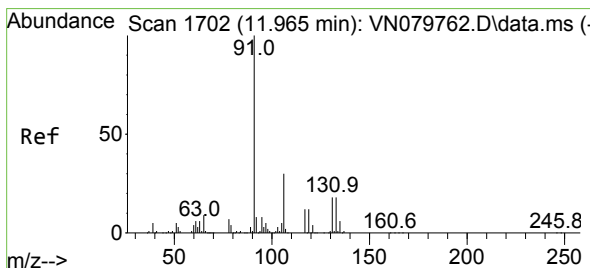
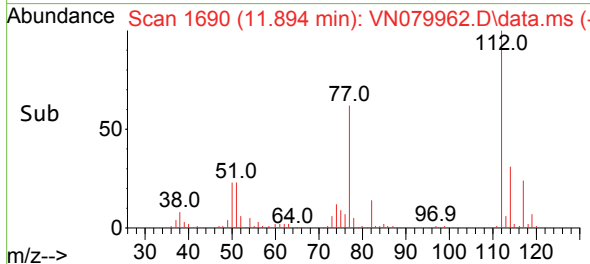
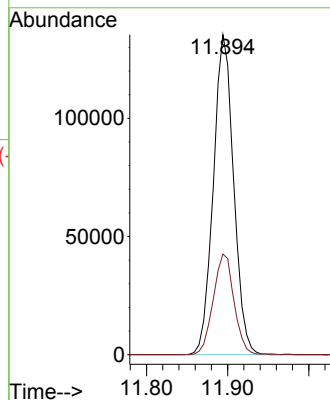
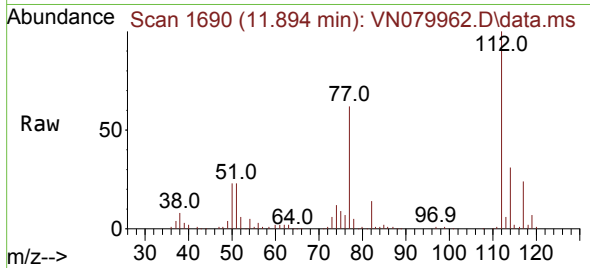




#65
Chlorobenzene
Concen: 21.073 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

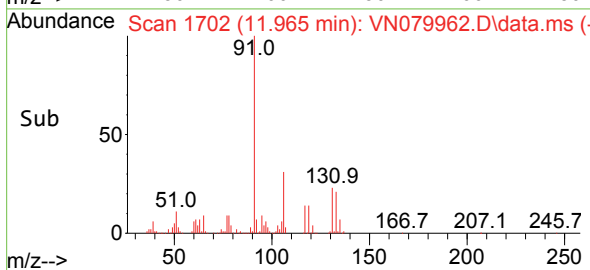
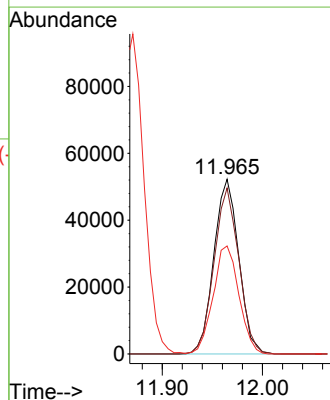
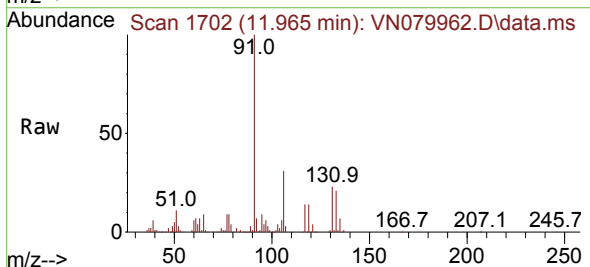
Instrument :
MSVOA_N
ClientSampleId :

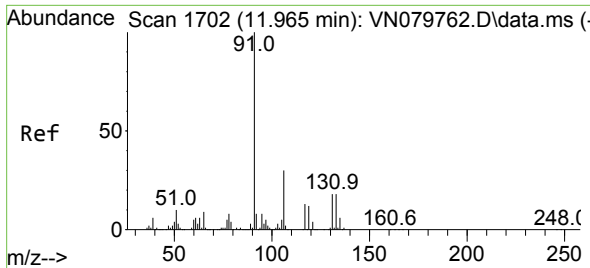
Tgt Ion:112 Resp: 235124
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.436 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion:131 Resp: 90192
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 64.1 34.1 102.2





#67

Ethyl Benzene

Concen: 21.246 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

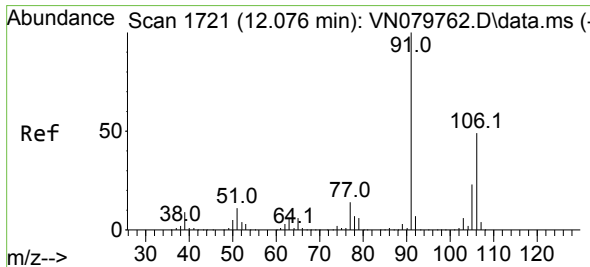
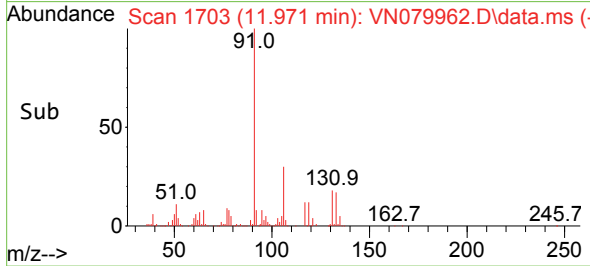
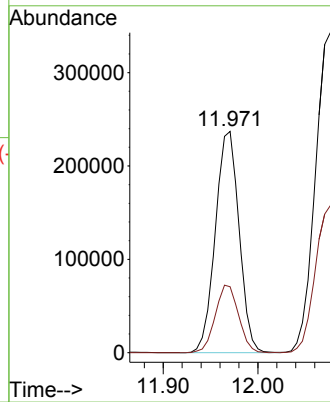
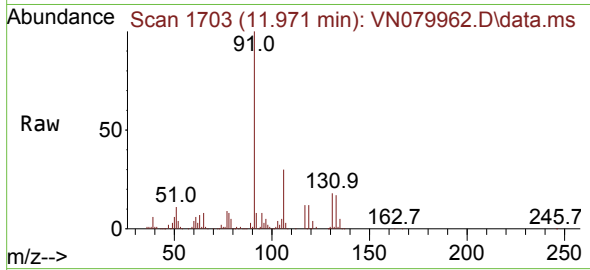
ClientSampleId :

Tgt Ion: 91 Resp: 413004

Ion Ratio Lower Upper

91 100

106 29.8 25.6 38.4



#68

m/p-Xylenes

Concen: 42.622 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079962.D

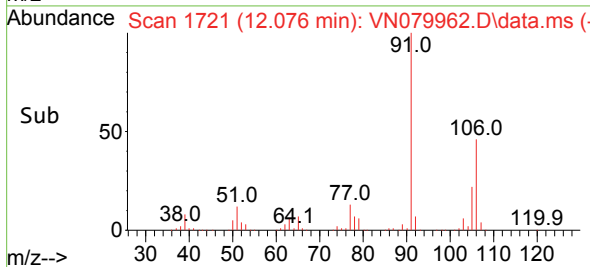
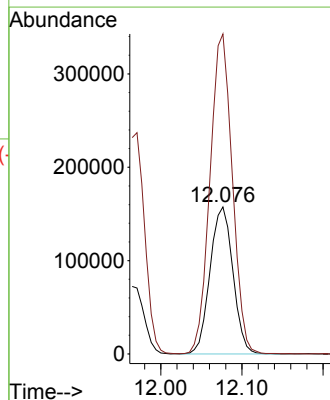
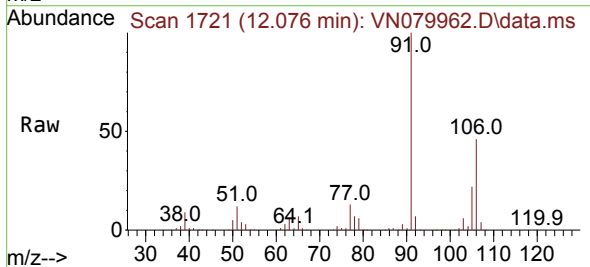
Acq: 07 Nov 2023 13:55

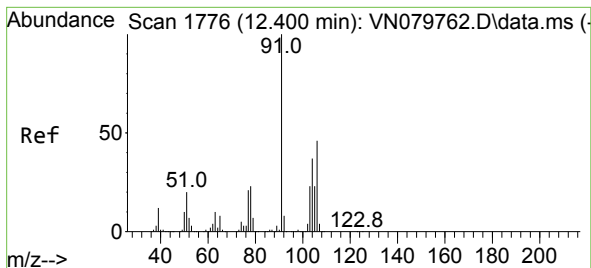
Tgt Ion:106 Resp: 308645

Ion Ratio Lower Upper

106 100

91 212.5 159.6 239.4





#69

o-Xylene

Concen: 21.539 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

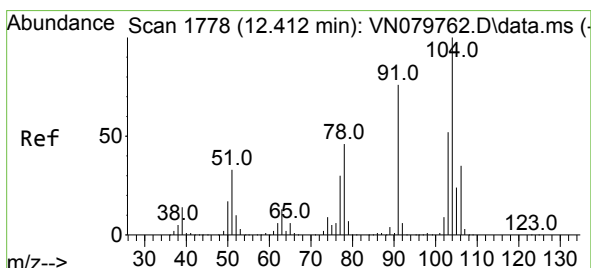
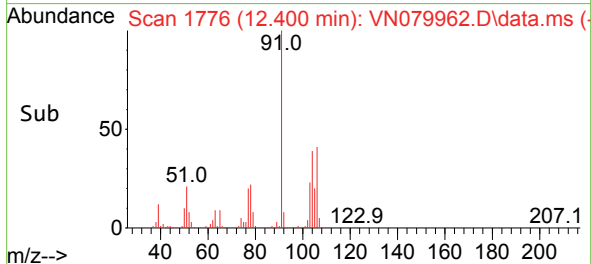
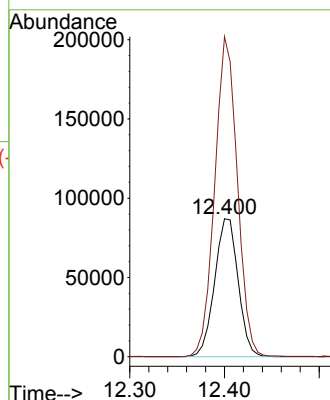
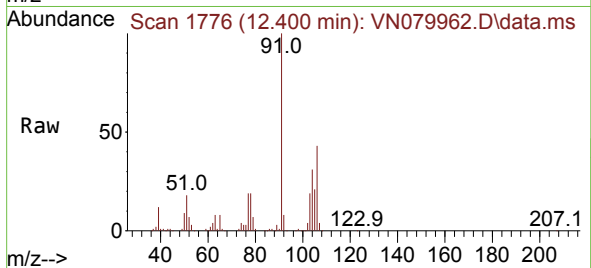
ClientSampleId :

Tgt Ion:106 Resp: 150196

Ion Ratio Lower Upper

106 100

91 223.2 105.2 315.5



#70

Styrene

Concen: 22.179 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

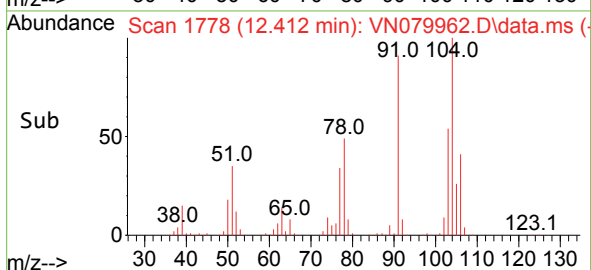
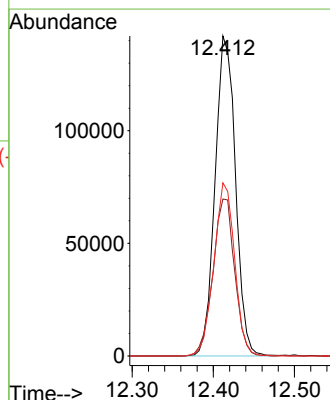
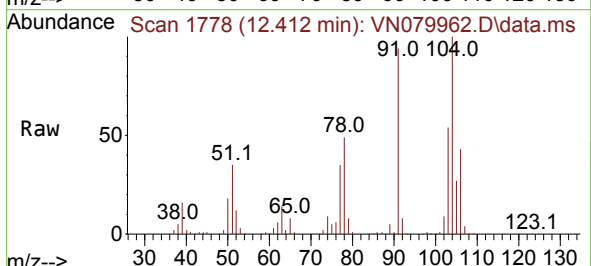
Tgt Ion:104 Resp: 248544

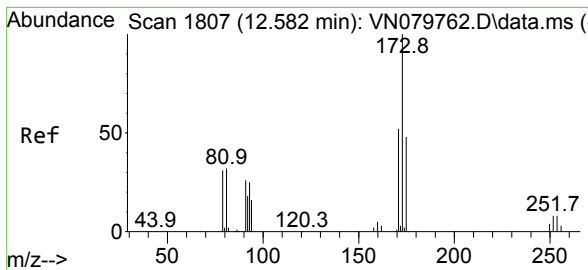
Ion Ratio Lower Upper

104 100

78 52.4 39.5 59.3

103 55.3 43.2 64.8

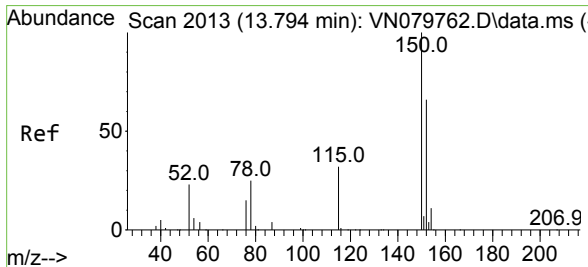
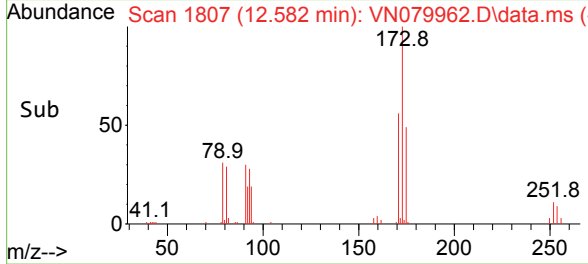
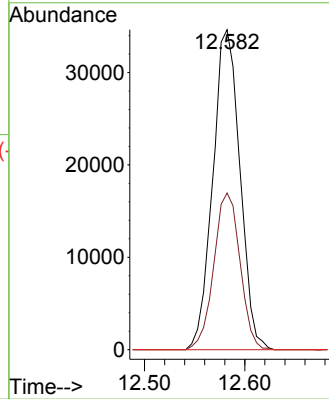
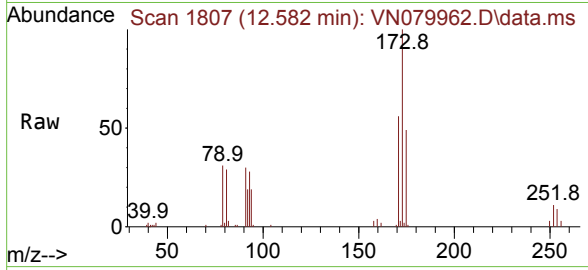




#71
Bromoform
Concen: 22.786 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

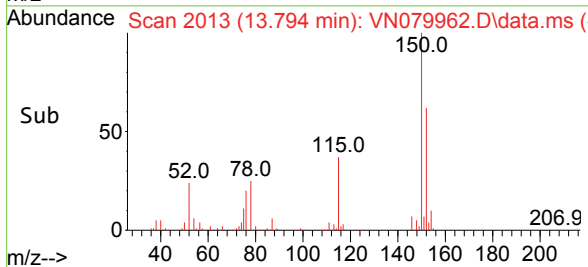
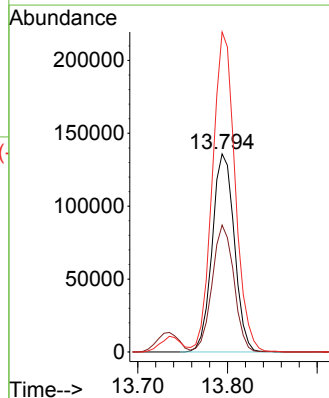
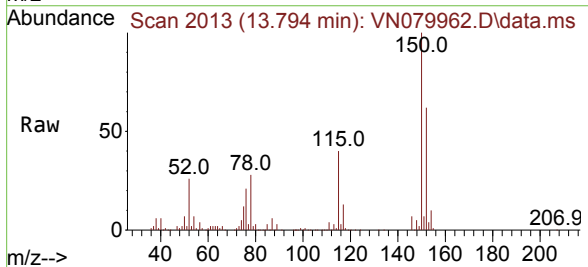
Instrument :
MSVOA_N
ClientSampleId :

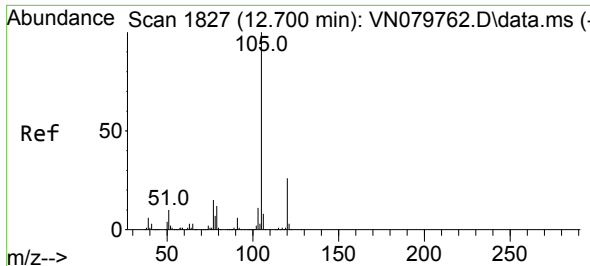
Tgt Ion:173 Resp: 65042
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion:152 Resp: 232668
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 165.2 0.0 355.8

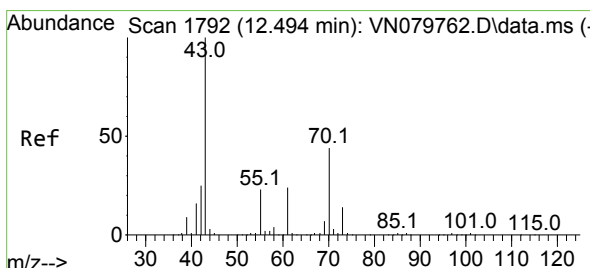
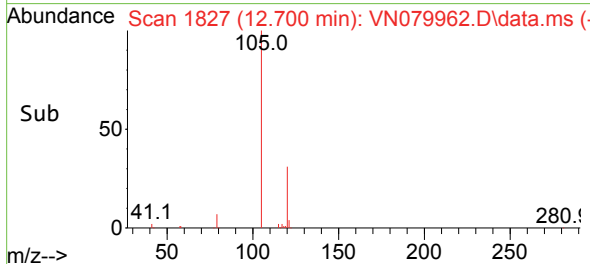
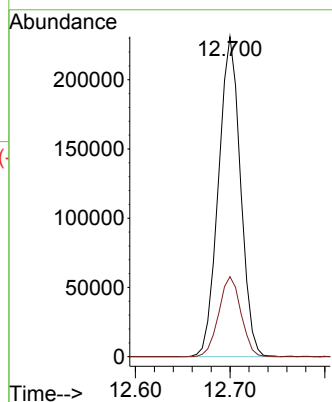
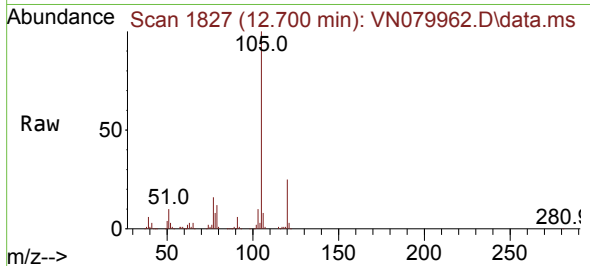




#73
Isopropylbenzene
Concen: 21.143 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

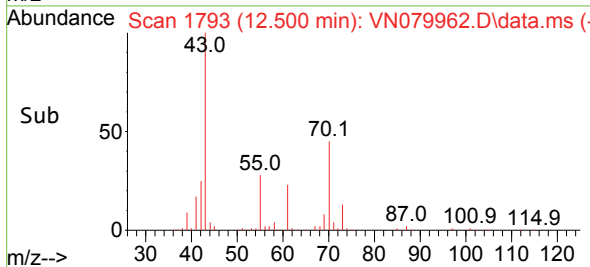
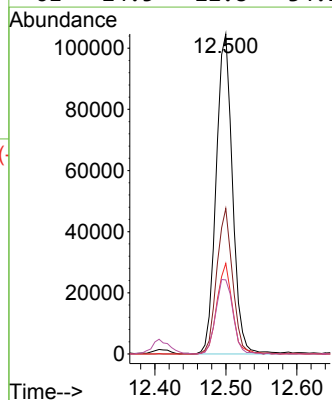
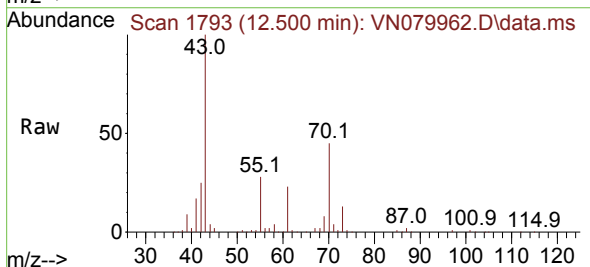
Instrument :
MSVOA_N
ClientSampleId :

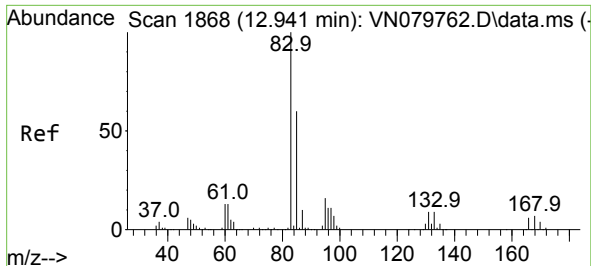
Tgt Ion:105 Resp: 373352
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1



#74
N-ethyl acetate
Concen: 21.647 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 43 Resp: 166842
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 26.9 21.4 32.0
61 24.5 22.8 34.2

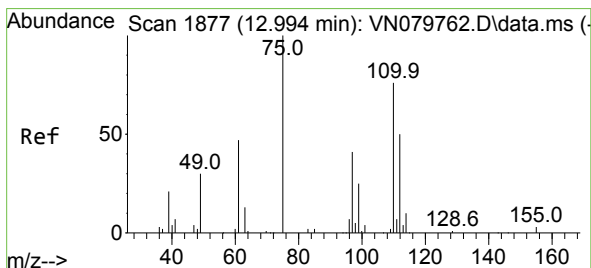
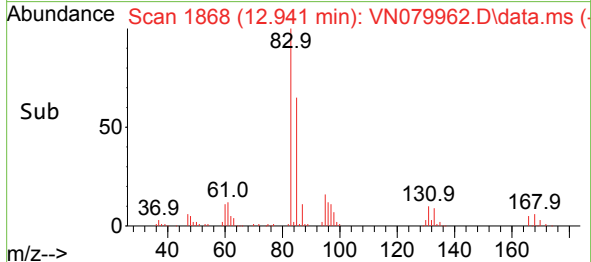
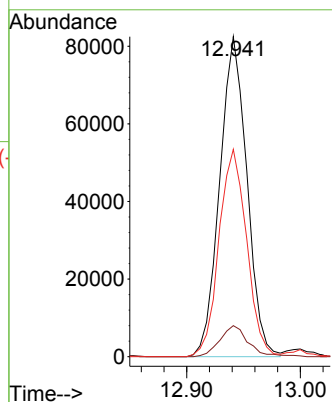
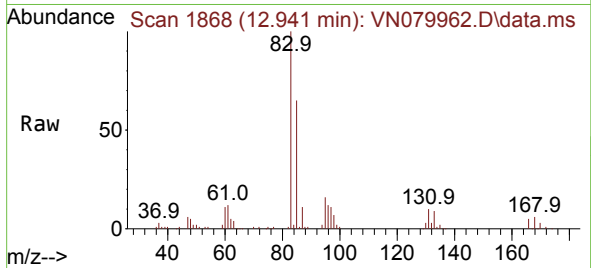




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.939 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

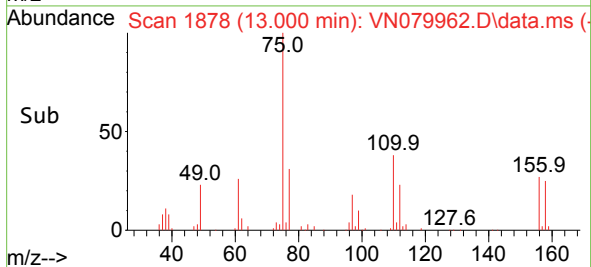
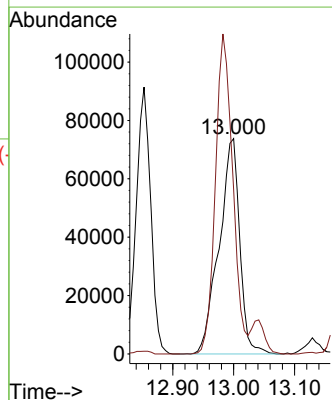
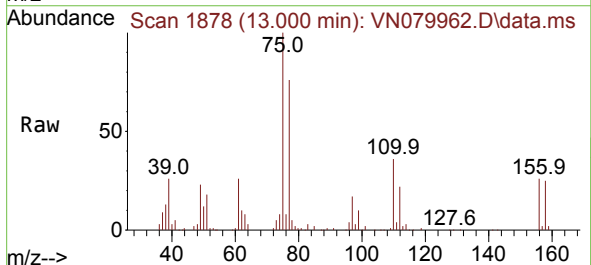
Instrument :
 MSVOA_N
 ClientSampleId :

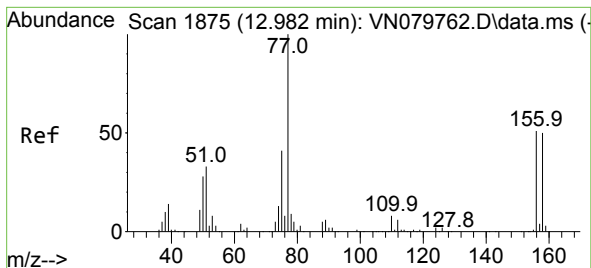
Tgt Ion: 83 Resp: 137357
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 65.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 31.797 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Tgt Ion: 75 Resp: 173684
 Ion Ratio Lower Upper
 75 100
 77 125.2 84.5 253.5





#77

Bromobenzene

Concen: 21.250 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

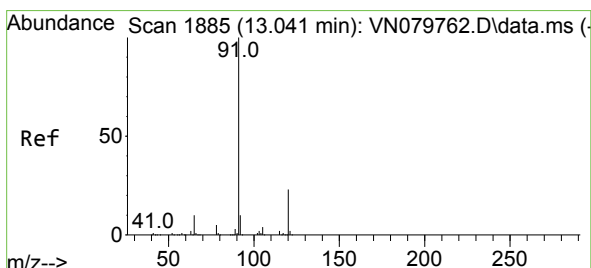
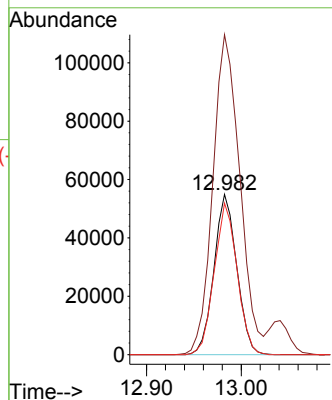
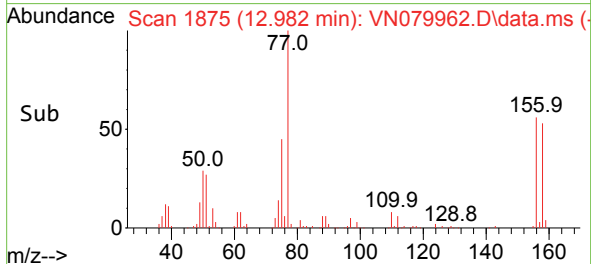
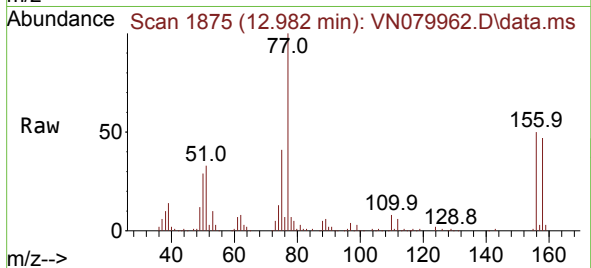
Tgt Ion:156 Resp: 91868

Ion Ratio Lower Upper

156 100

77 236.6 107.7 323.3

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 21.505 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079962.D

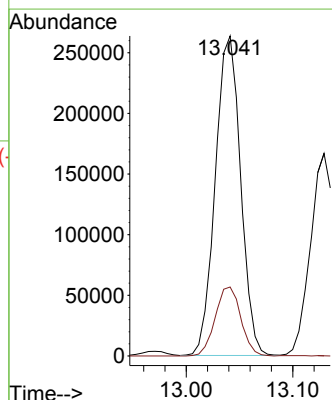
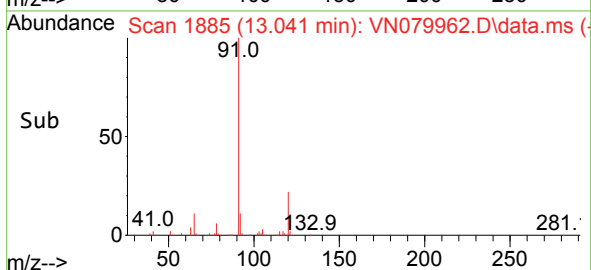
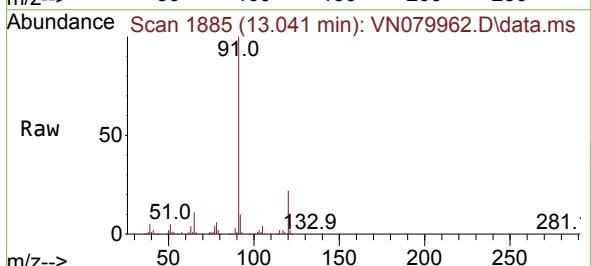
Acq: 07 Nov 2023 13:55

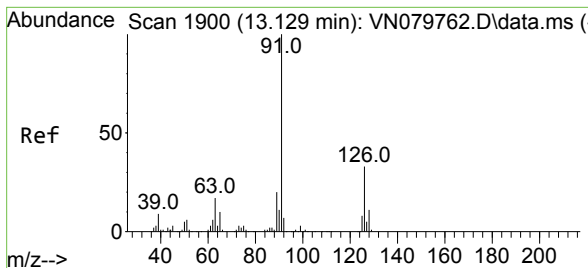
Tgt Ion: 91 Resp: 434868

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.772 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

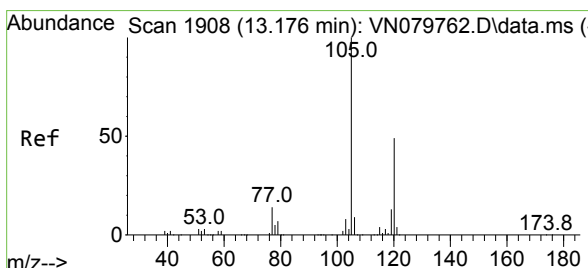
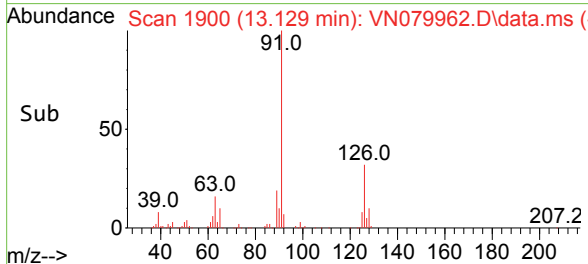
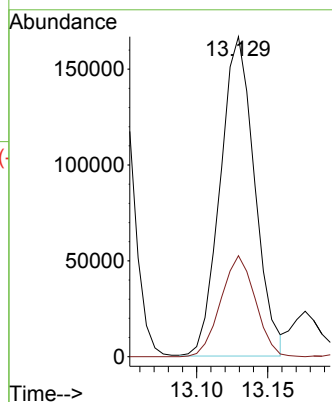
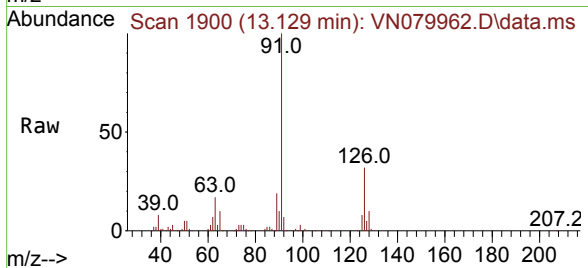
ClientSampleId :

Tgt Ion: 91 Resp: 281249

Ion Ratio Lower Upper

91 100

126 31.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 22.331 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079962.D

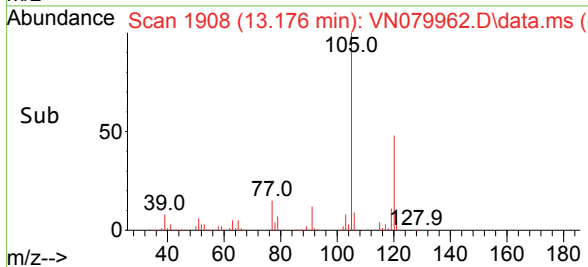
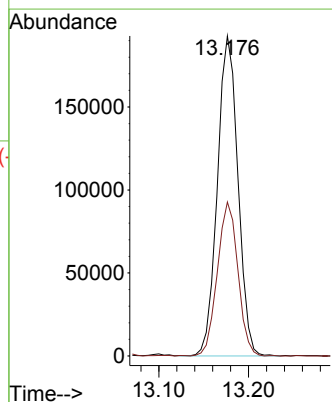
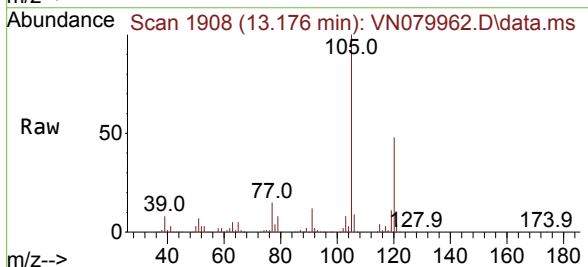
Acq: 07 Nov 2023 13:55

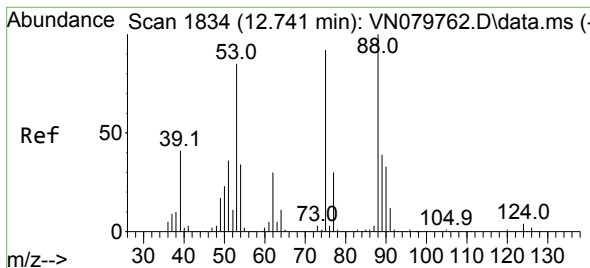
Tgt Ion:105 Resp: 306790

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

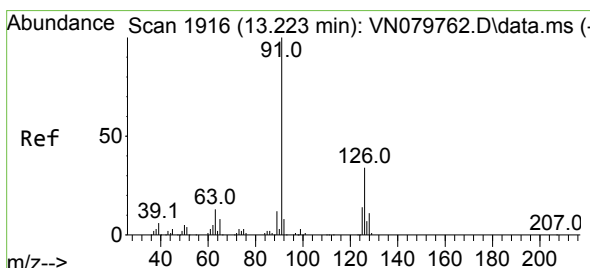
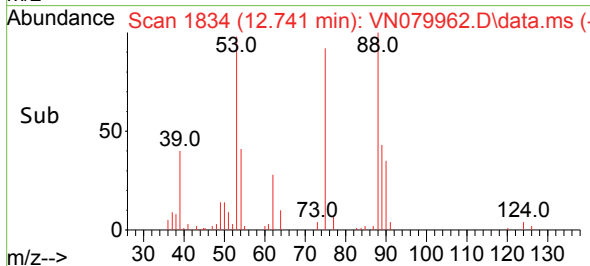
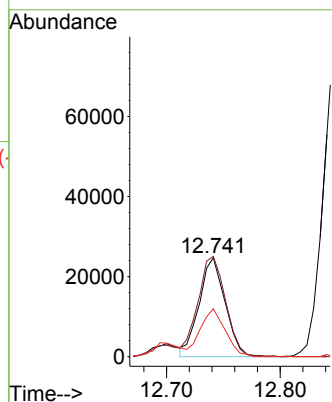
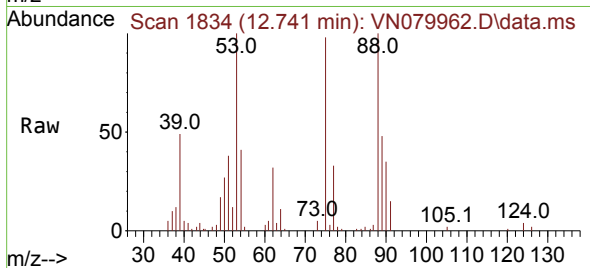




#81
trans-1,4-Dichloro-2-butene
Concen: 19.518 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

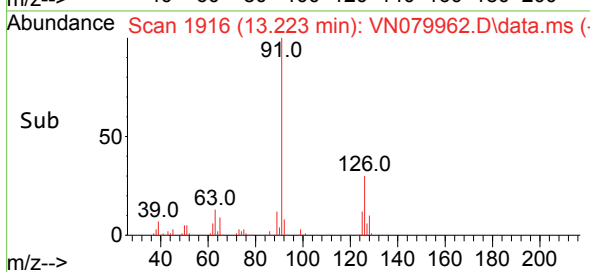
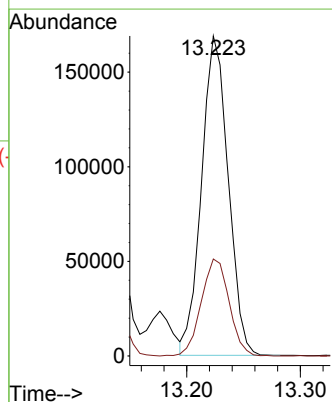
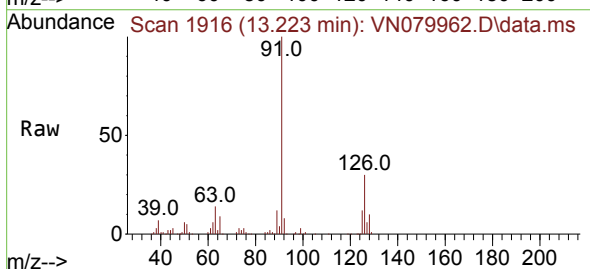
Instrument :
MSVOA_N
ClientSampleId :

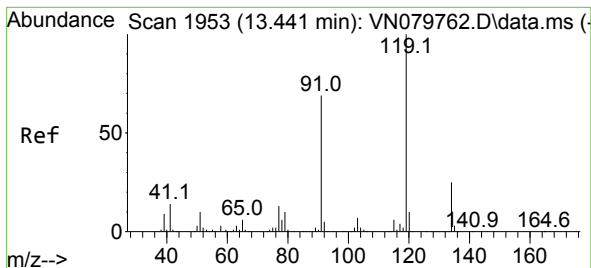
Tgt Ion: 75 Resp: 39185
Ion Ratio Lower Upper
75 100
53 108.9 67.4 101.2#
89 46.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.431 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 91 Resp: 275108
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.803 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

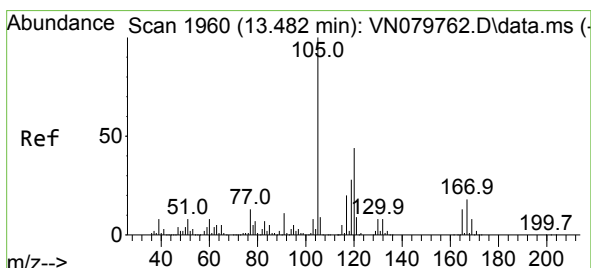
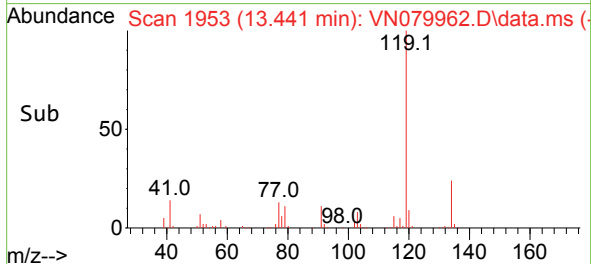
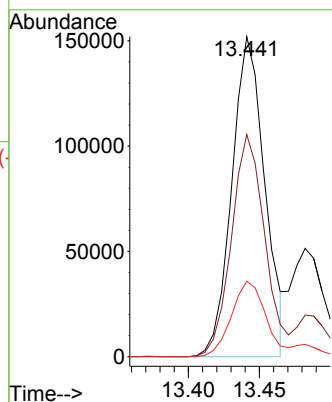
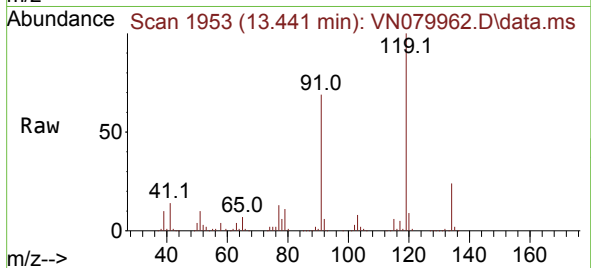
Tgt Ion:119 Resp: 245190

Ion Ratio Lower Upper

119 100

91 70.3 33.9 101.7

134 24.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 22.761 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079962.D

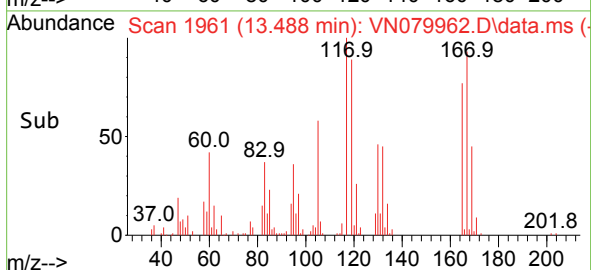
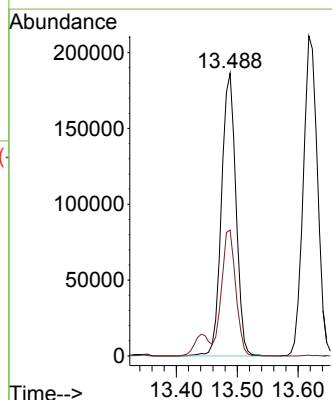
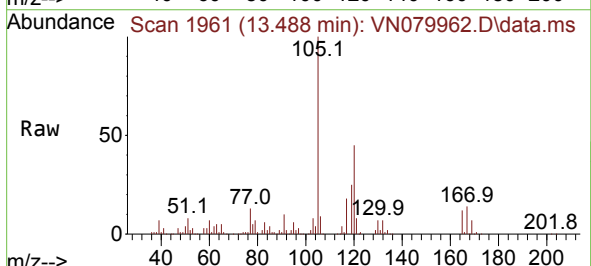
Acq: 07 Nov 2023 13:55

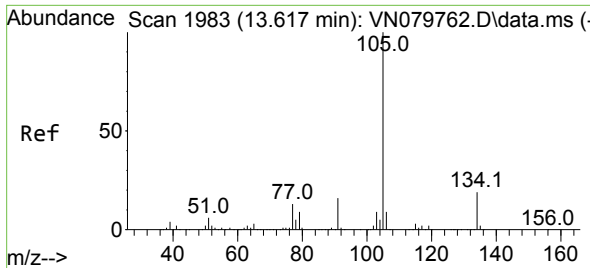
Tgt Ion:105 Resp: 307659

Ion Ratio Lower Upper

105 100

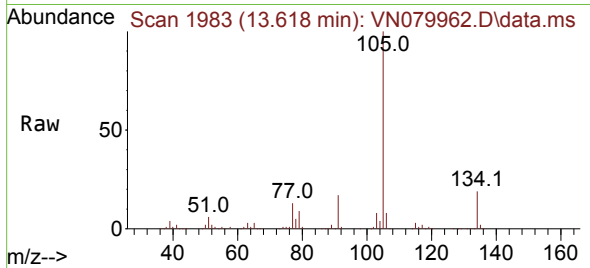
120 43.7 22.0 66.0



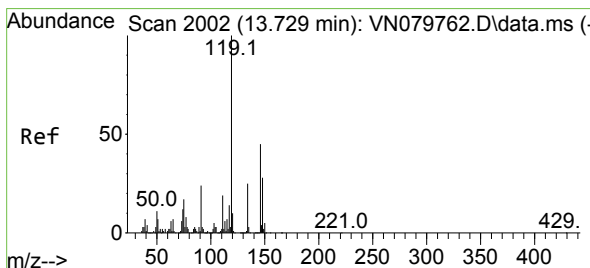
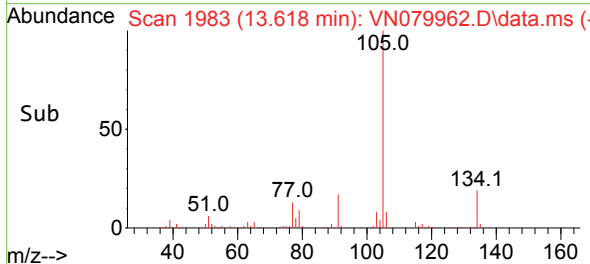
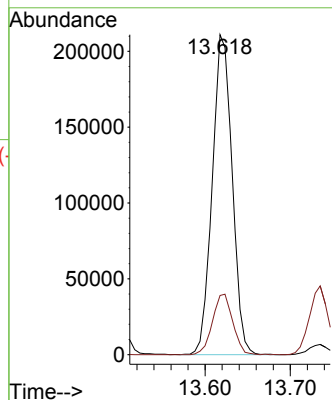


#85
 sec-Butylbenzene
 Concen: 21.982 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

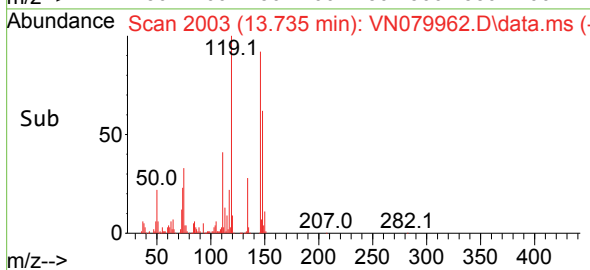
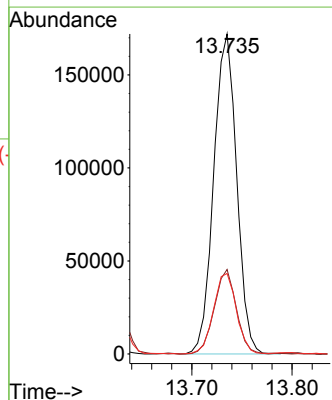
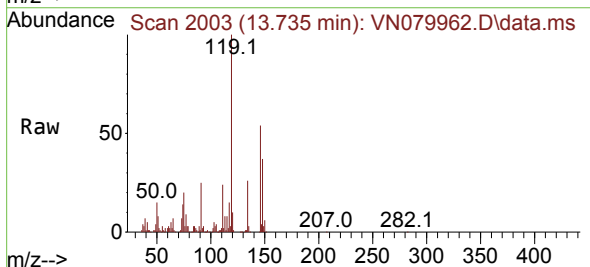


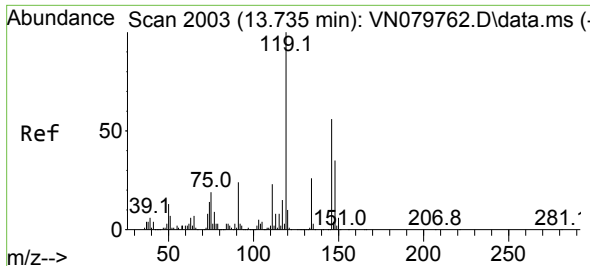
Tgt Ion:105 Resp: 342489
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.527 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

Tgt Ion:119 Resp: 273456
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.2 12.4 37.2

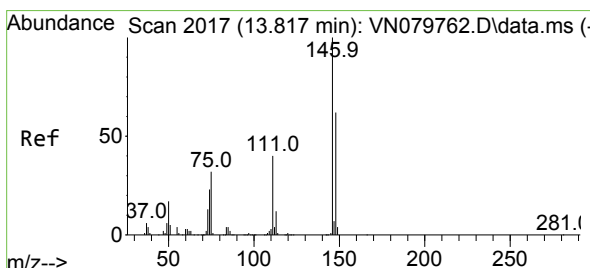
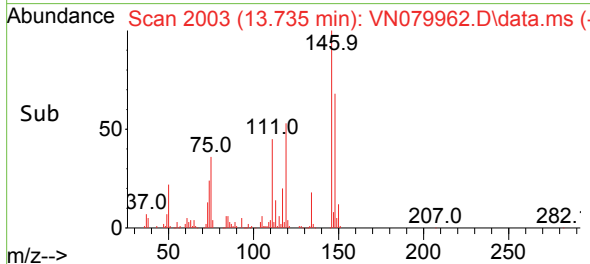
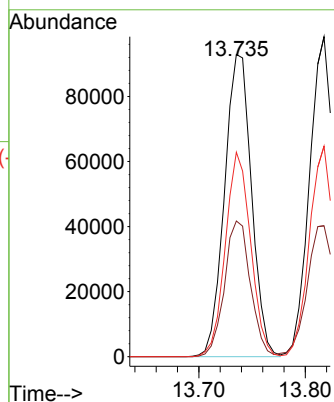
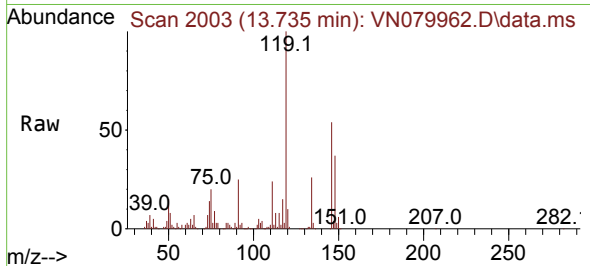




#87
 1,3-Dichlorobenzene
 Concen: 20.323 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

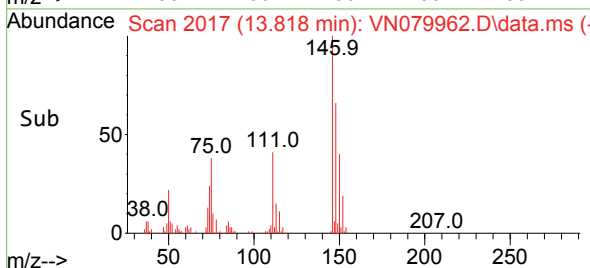
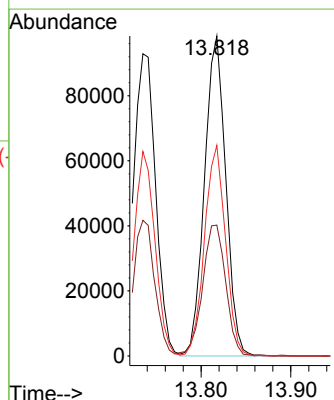
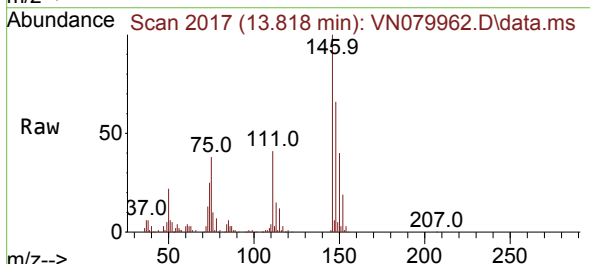
Instrument :
 MSVOA_N
 ClientSampleId :

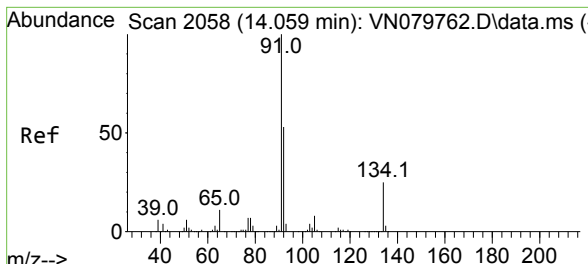
Tgt Ion:146 Resp: 163441
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.1 66.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079962.D
 Acq: 07 Nov 2023 13:55

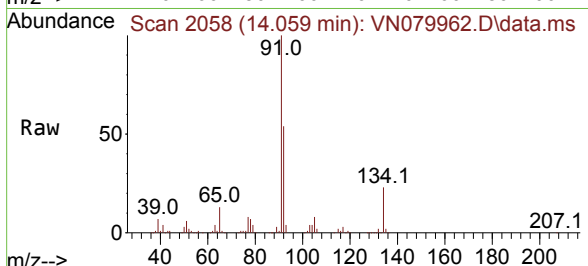
Tgt Ion:146 Resp: 161929
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.6 61.8
 148 65.2 31.6 94.8



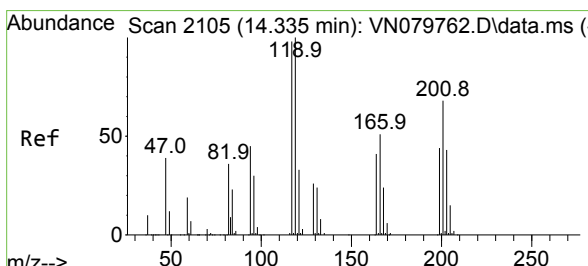
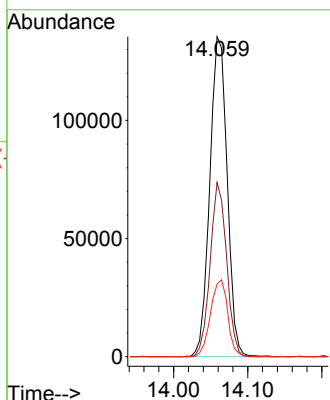
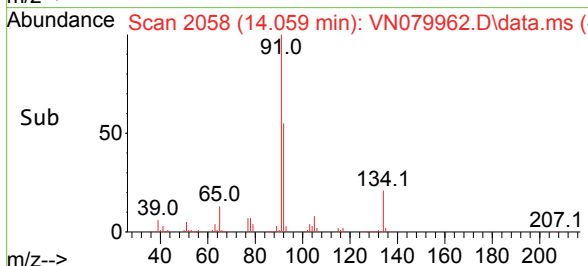


#89
n-Butylbenzene
Concen: 20.170 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :

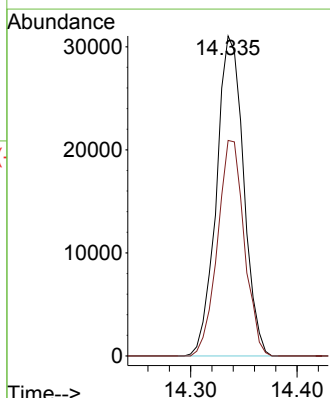
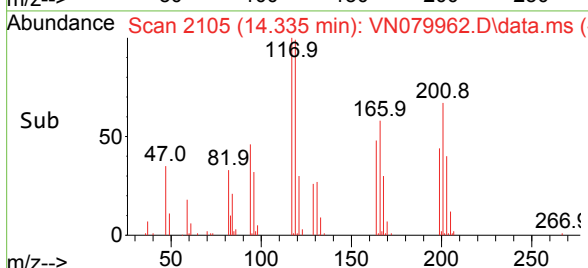
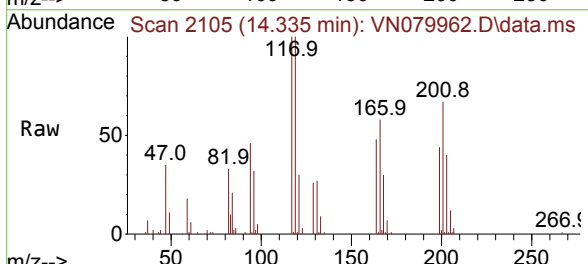


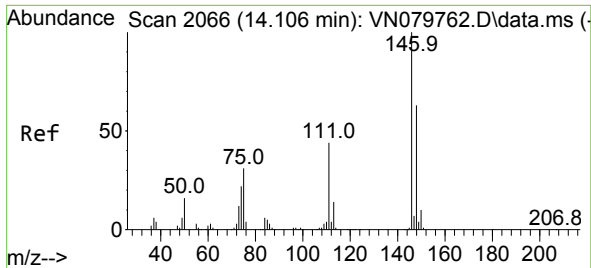
Tgt Ion: 91 Resp: 220675
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 23.7 12.6 37.6



#90
Hexachloroethane
Concen: 21.847 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

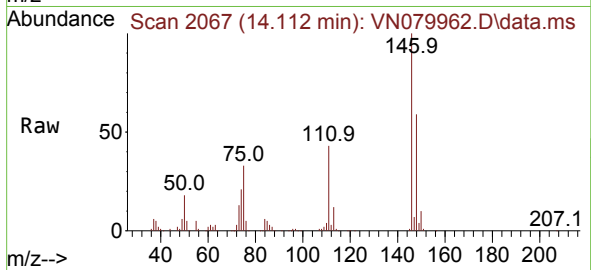
Tgt Ion: 117 Resp: 54961
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0



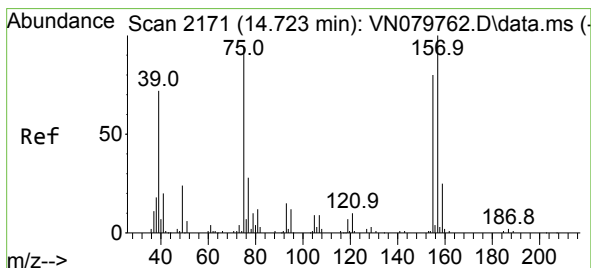
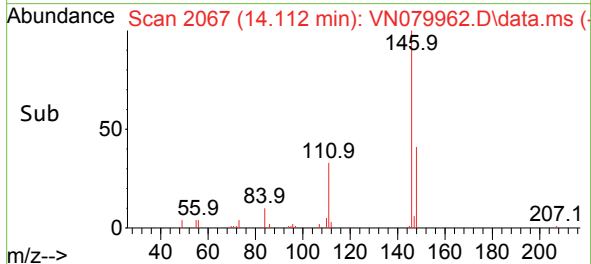
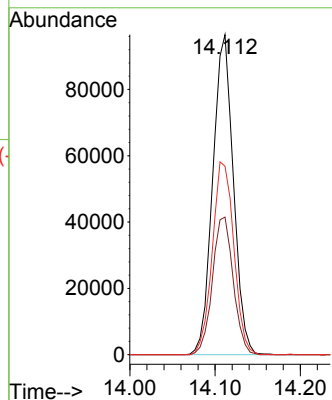


#91
1,2-Dichlorobenzene
Concen: 21.359 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :

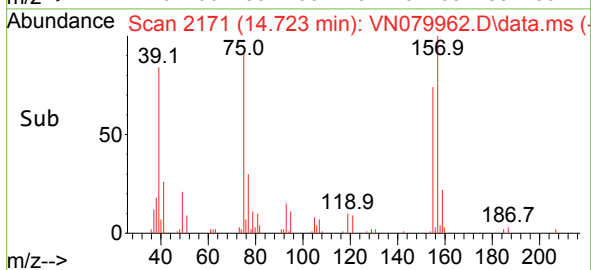
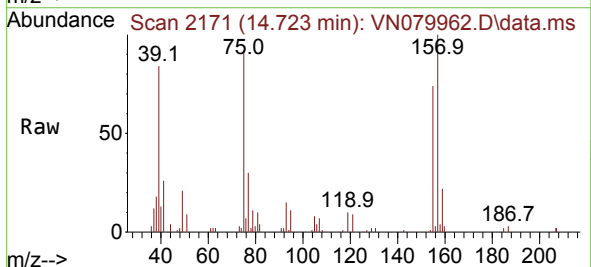
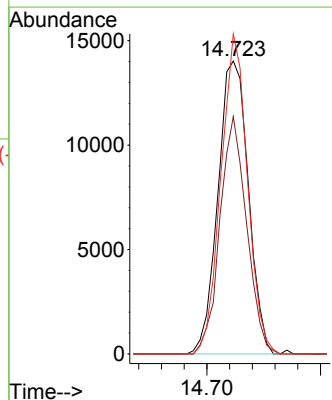


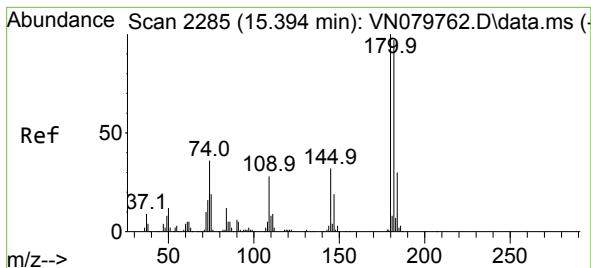
Tgt Ion:146 Resp: 162161
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.537 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079962.D
Acq: 07 Nov 2023 13:55

Tgt Ion: 75 Resp: 26052
Ion Ratio Lower Upper
75 100
155 71.2 39.1 117.2
157 95.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 20.073 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

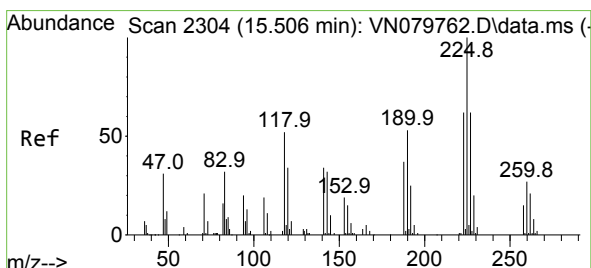
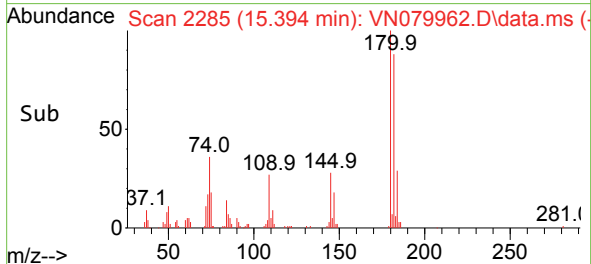
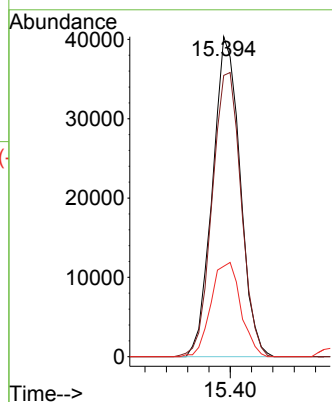
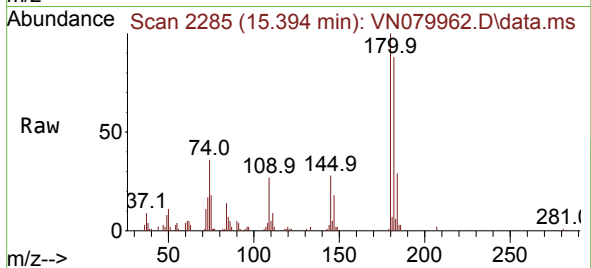
Tgt Ion:180 Resp: 72461

Ion Ratio Lower Upper

180 100

182 93.1 46.1 138.2

145 31.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.825 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

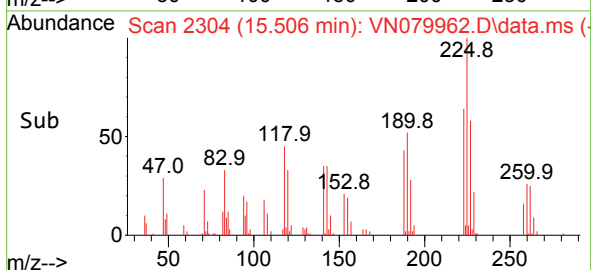
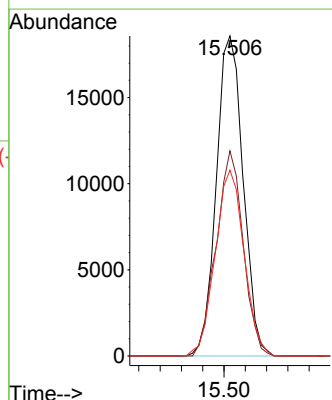
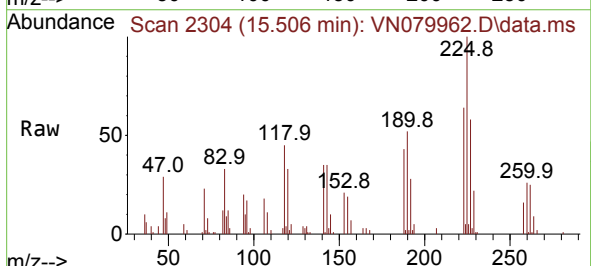
Tgt Ion:225 Resp: 32442

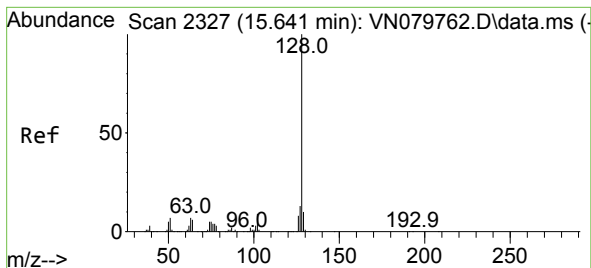
Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 18.831 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

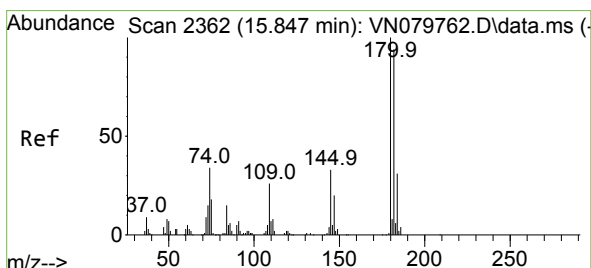
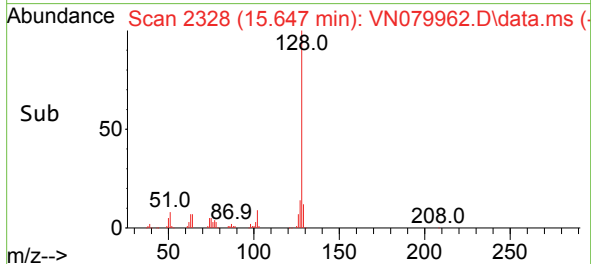
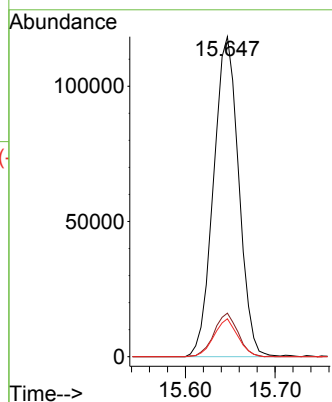
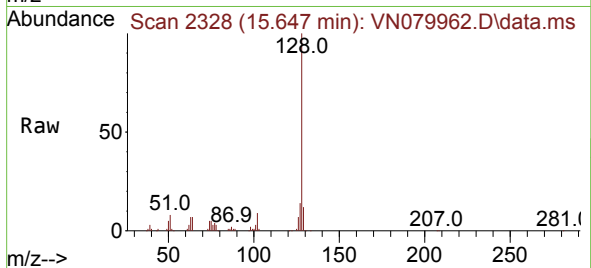
Tgt Ion:128 Resp: 230532

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.095 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079962.D

Acq: 07 Nov 2023 13:55

Tgt Ion:180 Resp: 71106

Ion Ratio Lower Upper

180 100

182 95.0 46.2 138.6

145 33.5 17.5 52.6

