

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079817.D
 Acq On : 03 Nov 2023 01:57
 Operator : JC\MD
 Sample : VN1102WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS02

Quant Time: Nov 03 04:11:08 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	8.224	168	386745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	680401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	610857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	324469	55.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.140%	
35) Dibromofluoromethane	8.171	113	258014	53.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.160%	
50) Toluene-d8	10.571	98	965316	54.452	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.900%	
62) 4-Bromofluorobenzene	12.847	95	331414	56.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94078	20.195	ug/l	99
3) Chloromethane	2.359	50	111623	18.398	ug/l	100
4) Vinyl Chloride	2.512	62	113676	18.642	ug/l	96
5) Bromomethane	2.954	94	61690	16.650	ug/l	99
6) Chloroethane	3.124	64	68571	14.232	ug/l	100
7) Trichlorofluoromethane	3.501	101	160061	21.104	ug/l	99
8) Diethyl Ether	3.959	74	58188	20.217	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	88877	20.215	ug/l	99
10) Methyl Iodide	4.589	142	90542	18.033	ug/l	97
11) Tert butyl alcohol	5.518	59	67692	89.997	ug/l	99
12) 1,1-Dichloroethene	4.342	96	83045	19.949	ug/l #	79
13) Acrolein	4.177	56	65194	99.434	ug/l	98
14) Allyl chloride	5.024	41	147535	23.139	ug/l #	82
15) Acrylonitrile	5.724	53	238815	101.883	ug/l	99
16) Acetone	4.430	43	187910	90.791	ug/l	93
17) Carbon Disulfide	4.712	76	235998	19.654	ug/l	99
18) Methyl Acetate	5.024	43	198873	20.084	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	281379	19.633	ug/l	93
20) Methylene Chloride	5.283	84	107281	20.543	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	96332	20.749	ug/l	85
22) Diisopropyl ether	6.671	45	329606	22.307	ug/l #	89
23) Vinyl Acetate	6.606	43	798268	97.943	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	194886	21.700	ug/l	98
25) 2-Butanone	7.483	43	297567	98.182	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	127608	17.181	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	112042	20.175	ug/l	86
28) Bromochloromethane	7.818	49	96793	22.116	ug/l #	75
29) Tetrahydrofuran	7.841	42	206100	104.521	ug/l #	74
30) Chloroform	7.965	83	196452	20.138	ug/l	94
31) Cyclohexane	8.259	56	158063	20.301	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	165274	20.793	ug/l	97
36) 1,1-Dichloropropene	8.371	75	140930	20.496	ug/l	95
37) Ethyl Acetate	7.559	43	128004	20.299	ug/l #	93
38) Carbon Tetrachloride	8.365	117	141840	20.469	ug/l	93
39) Methylcyclohexane	9.600	83	123063	19.018	ug/l #	83
40) Benzene	8.606	78	425520	20.662	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68016	20.312	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	151587	21.072	ug/l	97
43) Isopropyl Acetate	8.688	43	199519	18.042	ug/l #	93
44) Trichloroethene	9.353	130	101095	19.782	ug/l	99
45) 1,2-Dichloropropane	9.624	63	113435	21.553	ug/l	94
46) Dibromomethane	9.712	93	72169	20.082	ug/l	95
47) Bromodichloromethane	9.888	83	152726	19.928	ug/l	98
48) Methyl methacrylate	9.682	41	96476	19.917	ug/l #	78
49) 1,4-Dioxane	9.694	88	33364	389.806	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	630361	101.246	ug/l	92
52) Toluene	10.635	92	257686	21.106	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	147432	19.623	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	166930	20.384	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	102690	20.911	ug/l	96
56) Ethyl methacrylate	10.877	69	140551	20.065	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	180189	20.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	362648	102.148	ug/l	88
59) 2-Hexanone	11.200	43	441685	92.735	ug/l	90
60) Dibromochloromethane	11.365	129	106574	20.275	ug/l	100
61) 1,2-Dibromoethane	11.471	107	97769	19.836	ug/l	99
64) Tetrachloroethene	11.106	164	91049	23.014	ug/l	97
65) Chlorobenzene	11.894	112	264085	19.930	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	100727	21.099	ug/l	97
67) Ethyl Benzene	11.965	91	459045	19.884	ug/l	98
68) m/p-Xylenes	12.071	106	350405	40.745	ug/l	94
69) o-Xylene	12.400	106	166369	20.090	ug/l	92
70) Styrene	12.412	104	280630	21.086	ug/l	98
71) Bromoform	12.582	173	67870	20.021	ug/l #	99
73) Isopropylbenzene	12.700	105	409150	19.448	ug/l	99
74) N-amyl acetate	12.494	43	160888	17.520	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	140425	18.825	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	177162	27.222	ug/l	75
77) Bromobenzene	12.982	156	102136	19.829	ug/l	92
78) n-propylbenzene	13.041	91	494848	20.539	ug/l	96
79) 2-Chlorotoluene	13.129	91	311641	20.248	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	341039	20.835	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	39512	16.518	ug/l #	76
82) 4-Chlorotoluene	13.223	91	317388	20.752	ug/l	98
83) tert-Butylbenzene	13.441	119	268134	20.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	344086	21.366	ug/l	100
85) sec-Butylbenzene	13.618	105	375509	20.229	ug/l	100
86) p-Isopropyltoluene	13.735	119	298929	19.751	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185794	19.390	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	183815	18.899	ug/l	97
89) n-Butylbenzene	14.059	91	245459	18.830	ug/l	98
90) Hexachloroethane	14.335	117	58685	19.579	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	181844	20.103	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23080	18.245	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	79079	18.386	ug/l	97
94) Hexachlorobutadiene	15.506	225	38191	19.588	ug/l	97
95) Naphthalene	15.641	128	219100	15.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76542	18.155	ug/l	97

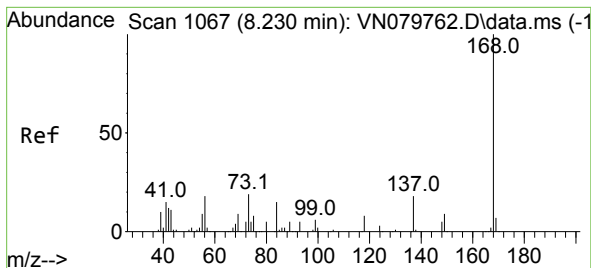
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

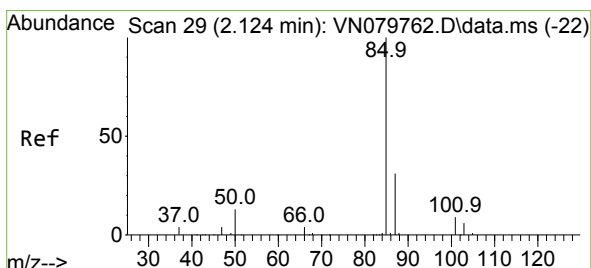
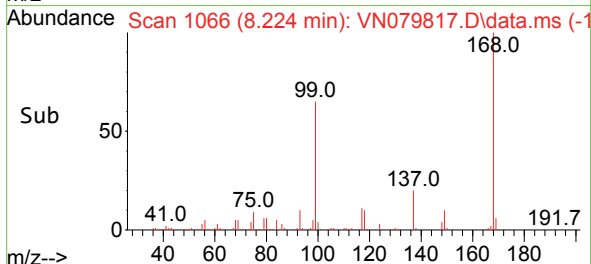
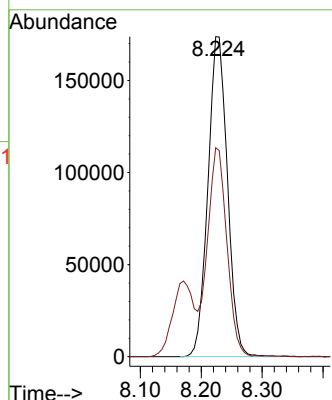
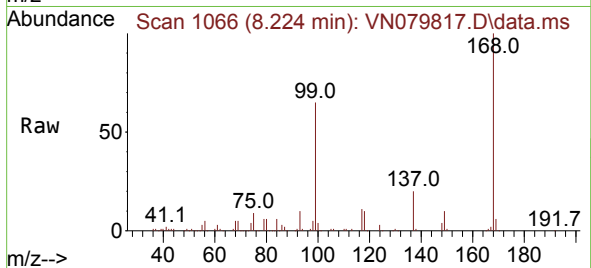
VN1102WBS02

Tgt Ion:168 Resp: 386745

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 20.195 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079817.D

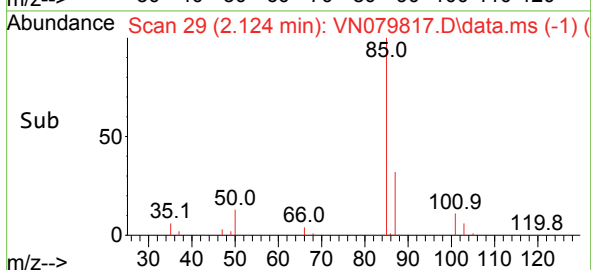
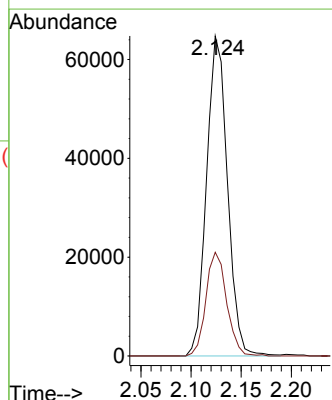
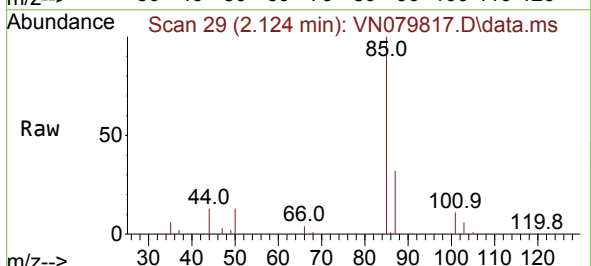
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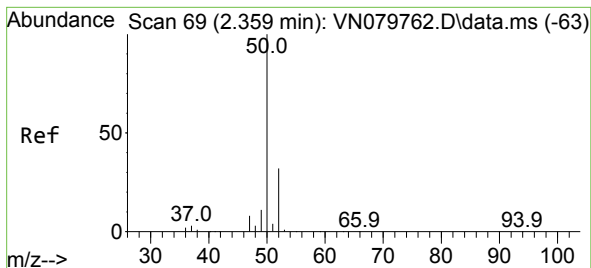
Tgt Ion: 85 Resp: 94078

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4





#3

Chloromethane

Concen: 18.398 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

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ClientSampleId :

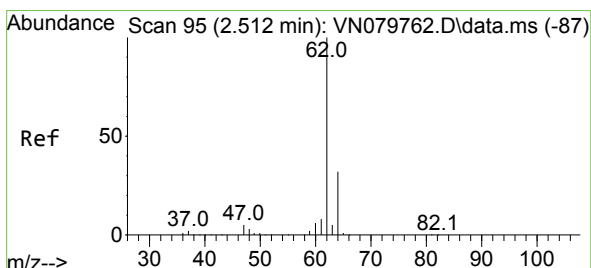
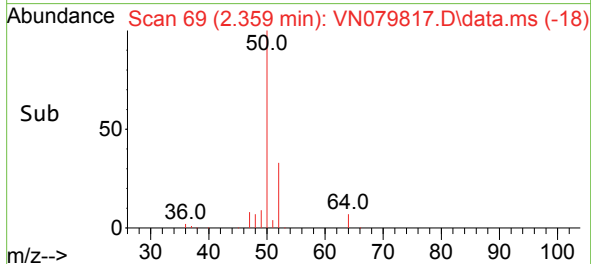
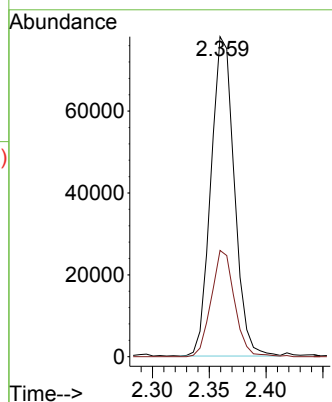
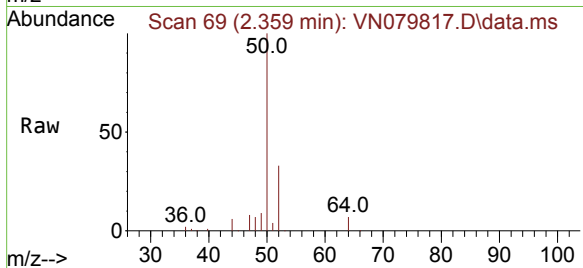
VN1102WBS02

Tgt Ion: 50 Resp: 111623

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 18.642 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079817.D

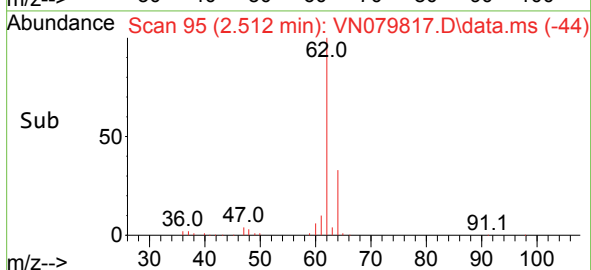
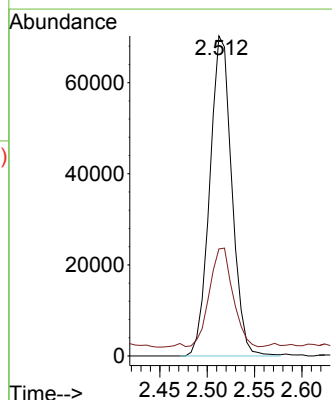
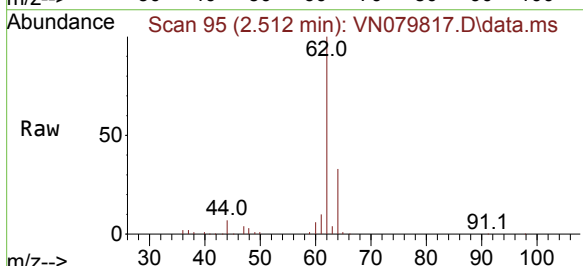
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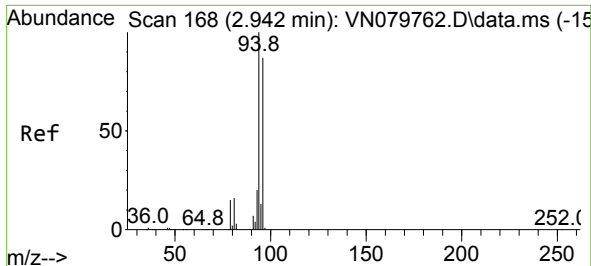
Tgt Ion: 62 Resp: 113676

Ion Ratio Lower Upper

62 100

64 30.2 26.2 39.2

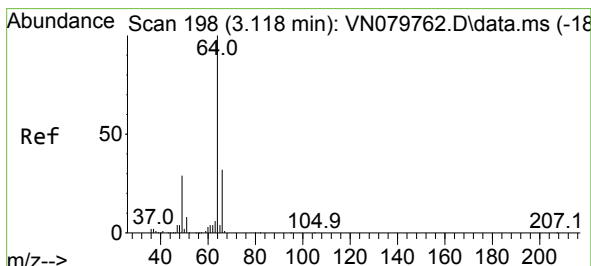
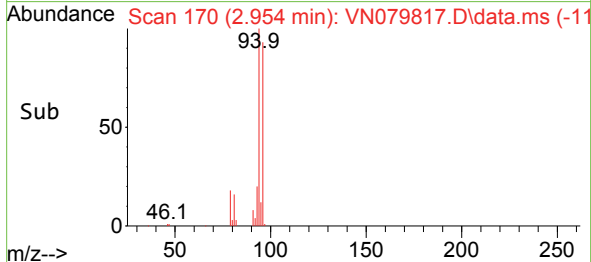
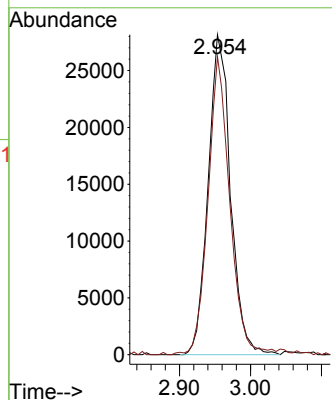
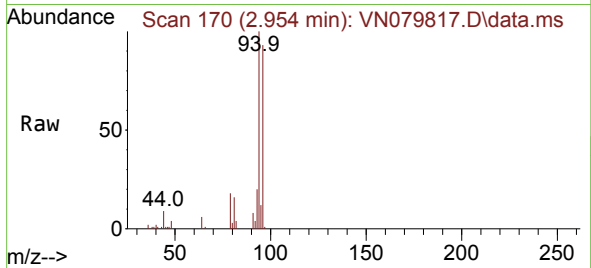




#5
Bromomethane
Concen: 16.650 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

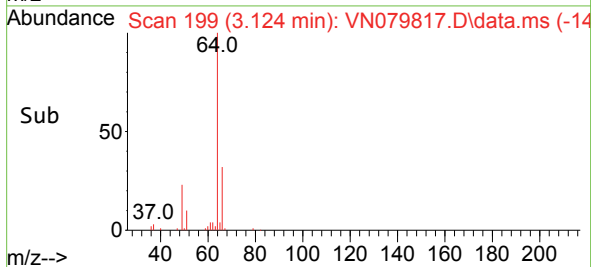
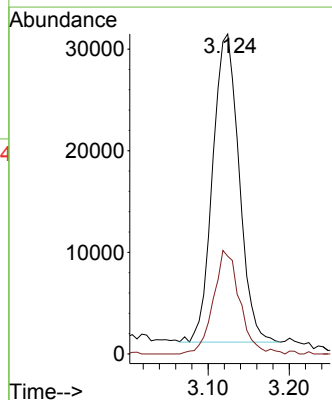
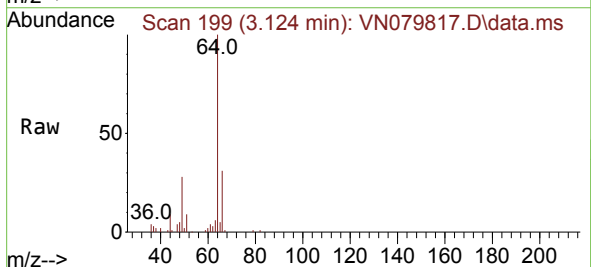
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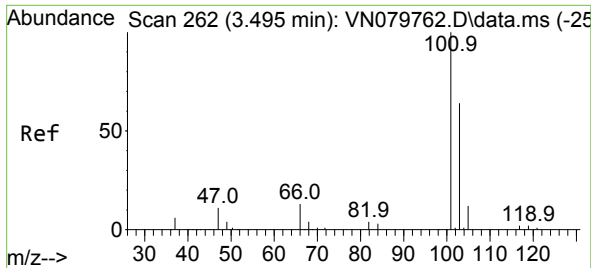
Tgt Ion: 94 Resp: 61690
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7



#6
Chloroethane
Concen: 14.232 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 64 Resp: 68571
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

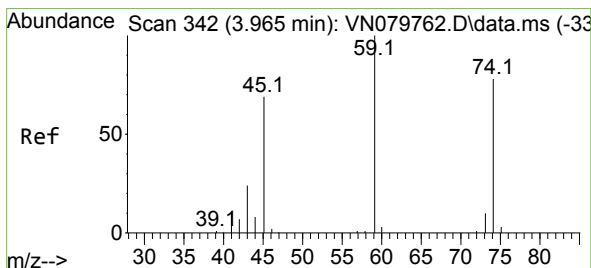
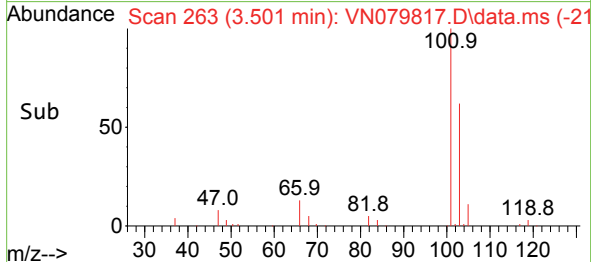
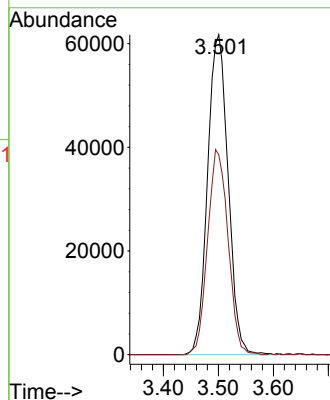
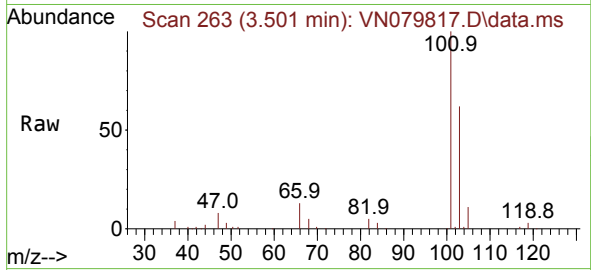




#7
Trichlorofluoromethane
Concen: 21.104 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

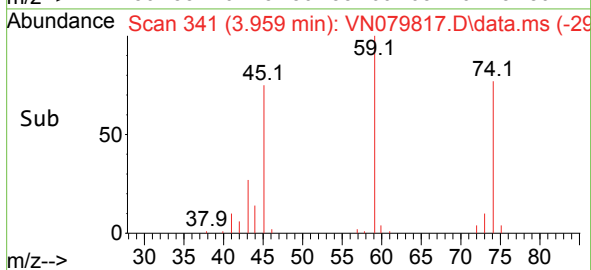
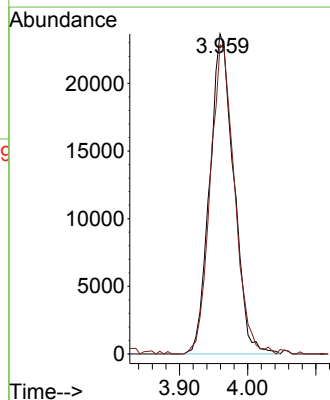
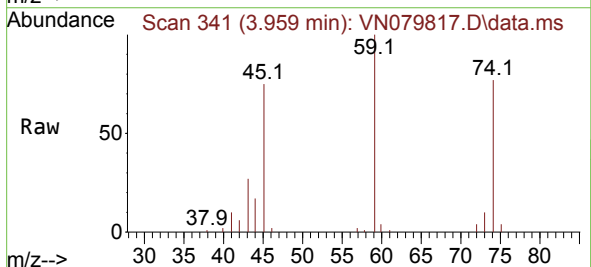
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

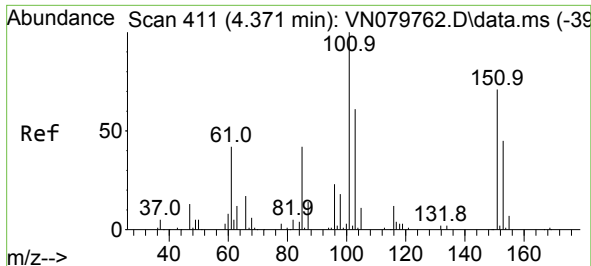
Tgt Ion:101 Resp: 160061
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1



#8
Diethyl Ether
Concen: 20.217 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 74 Resp: 58188
Ion Ratio Lower Upper
74 100
45 97.4 34.4 103.3

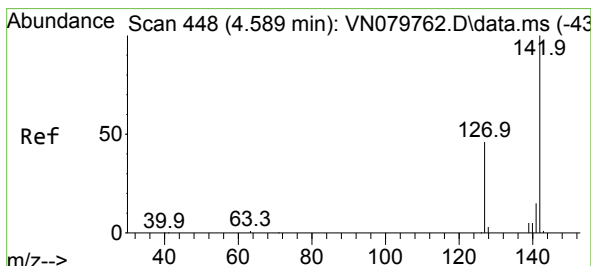
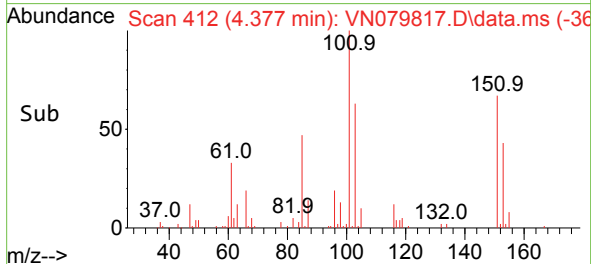
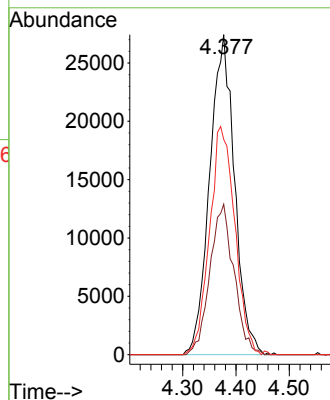
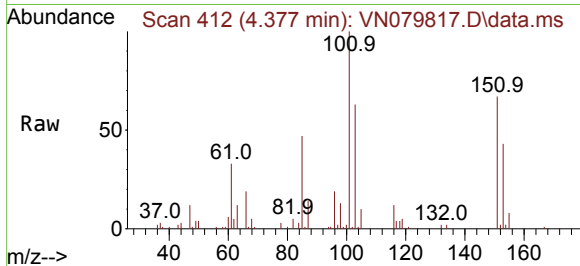




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.215 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

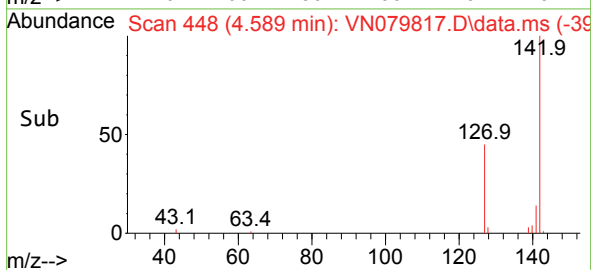
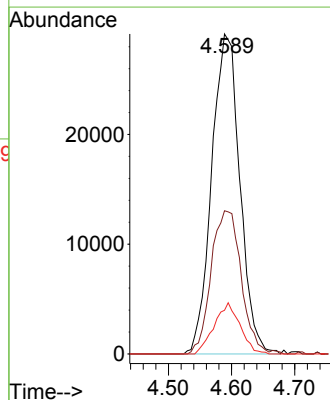
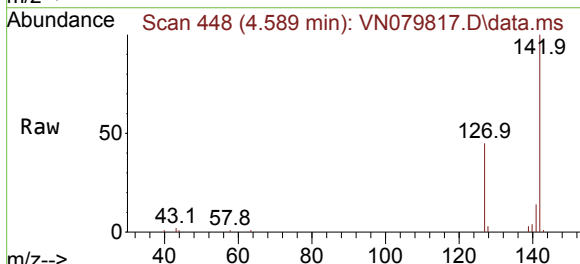
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

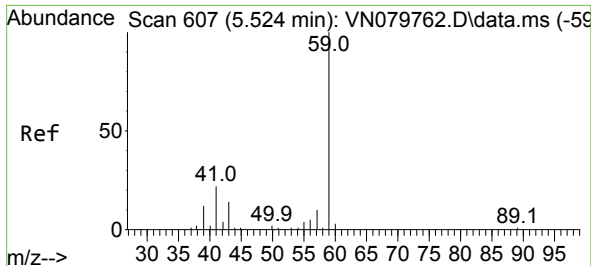
Tgt Ion:101 Resp: 88877
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.5 57.6 86.4



#10
Methyl Iodide
Concen: 18.033 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:142 Resp: 90542
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 89.997 ug/l

RT: 5.518 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

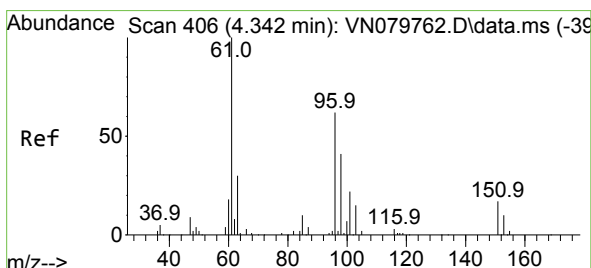
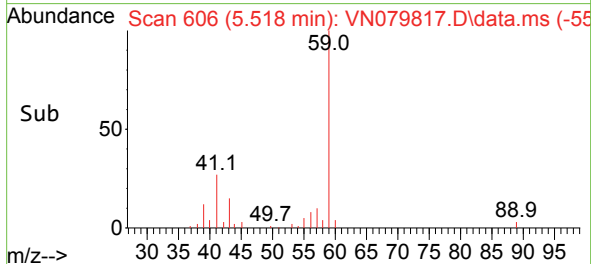
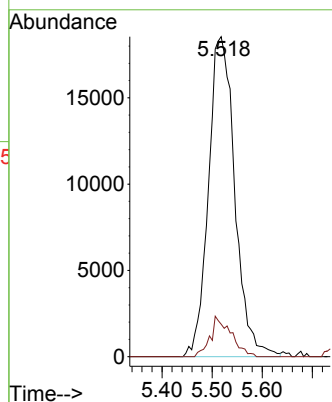
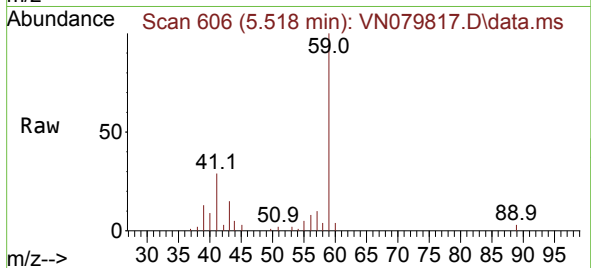
VN1102WBS02

Tgt Ion: 59 Resp: 67692

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.949 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

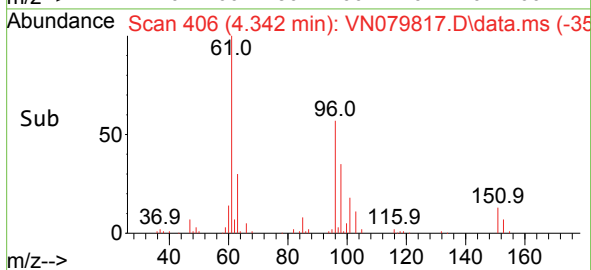
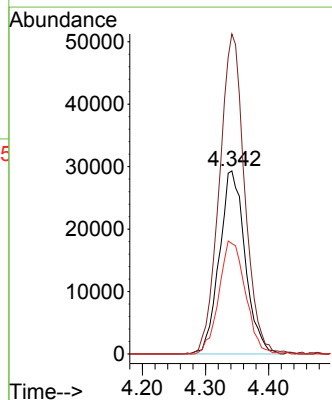
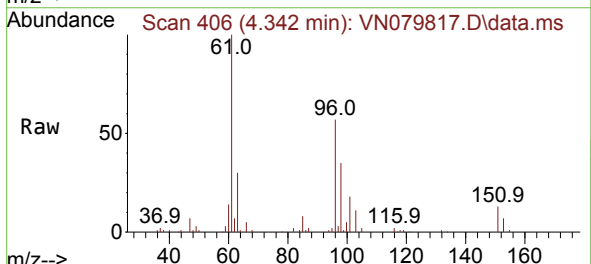
Tgt Ion: 96 Resp: 83045

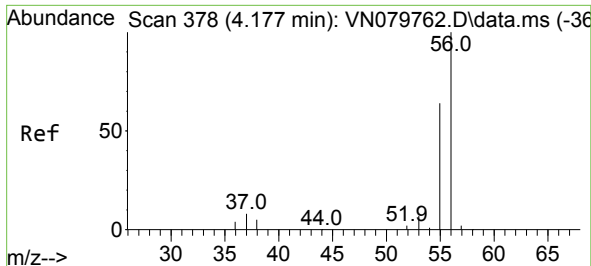
Ion Ratio Lower Upper

96 100

61 174.8 112.7 169.1#

98 60.3 51.2 76.8





#13

Acrolein

Concen: 99.434 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

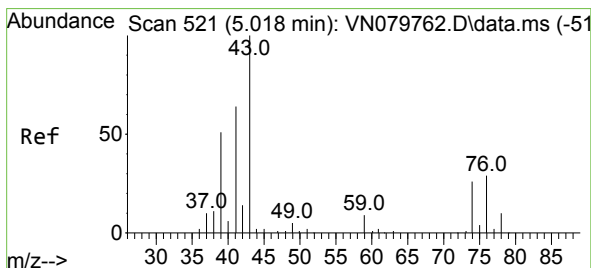
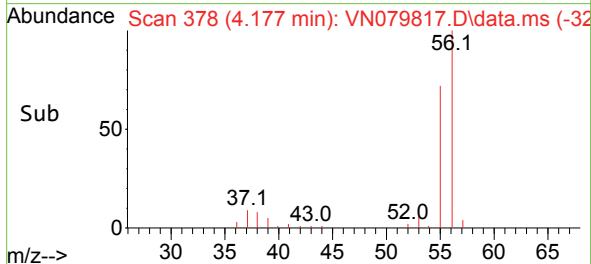
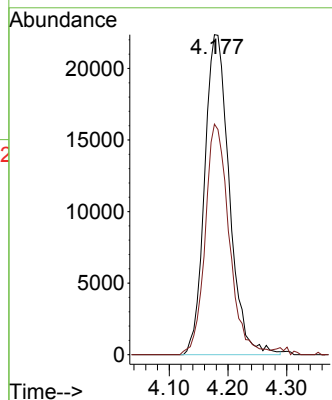
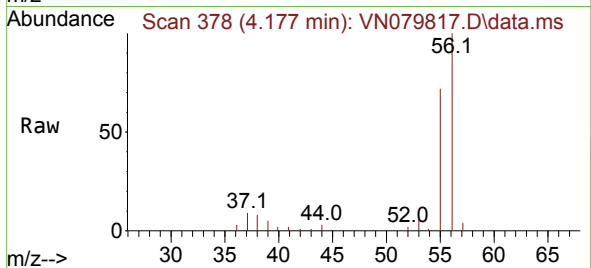
VN1102WBS02

Tgt Ion: 56 Resp: 65194

Ion Ratio Lower Upper

56 100

55 70.0 54.5 81.7



#14

Allyl chloride

Concen: 23.139 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

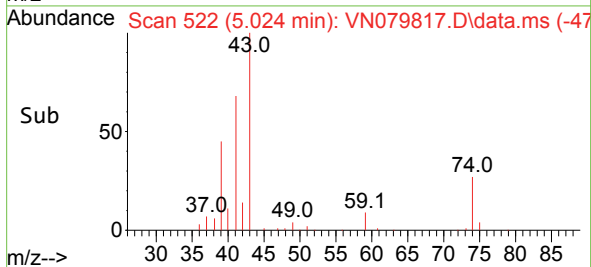
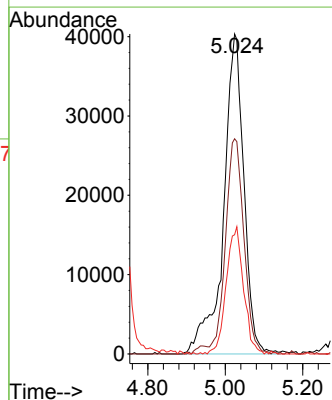
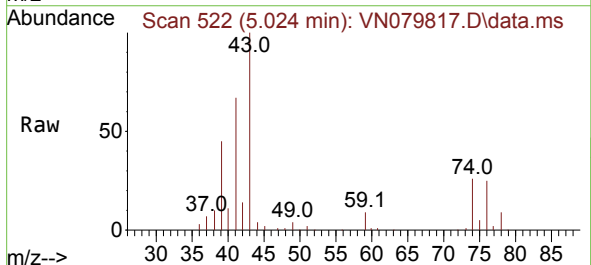
Tgt Ion: 41 Resp: 147535

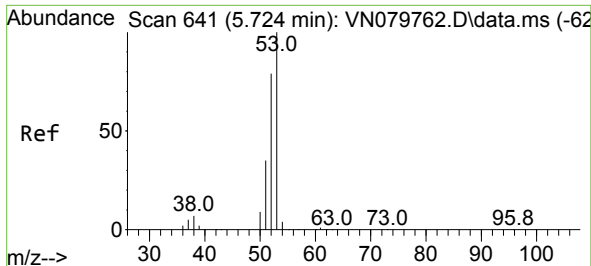
Ion Ratio Lower Upper

41 100

39 60.4 58.8 88.2

76 33.6 39.1 58.7#

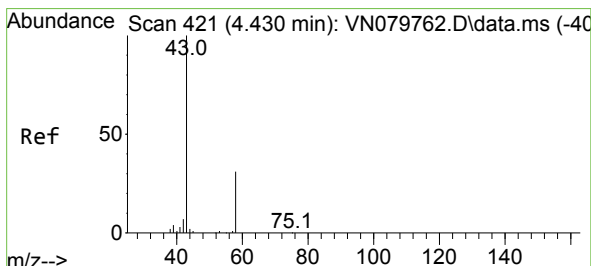
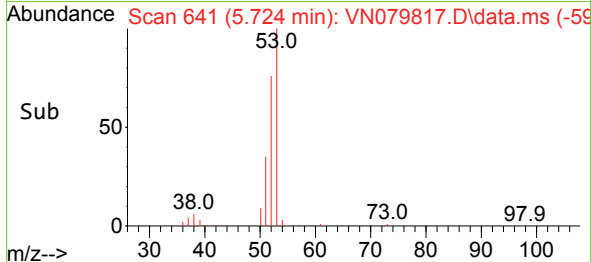
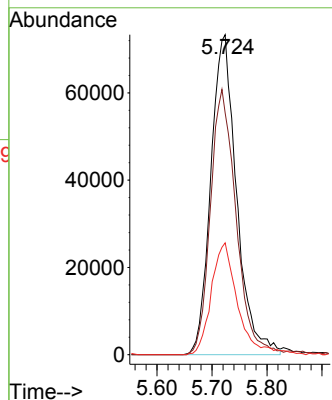
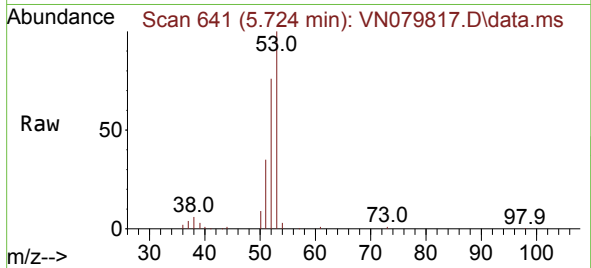




#15
Acrylonitrile
Concen: 101.883 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

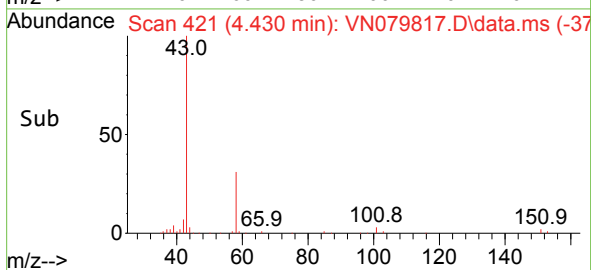
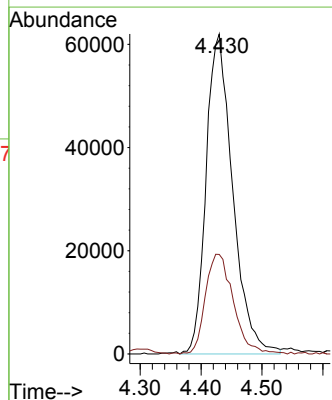
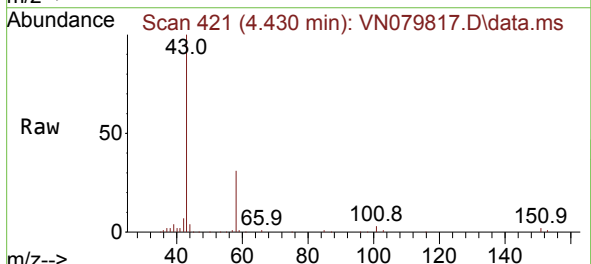
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

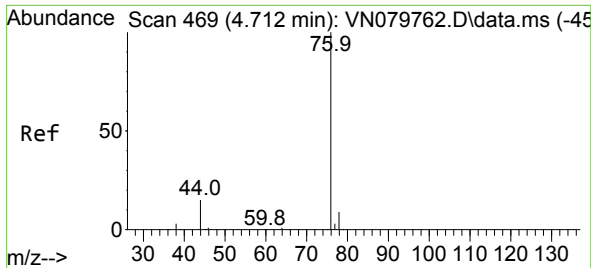
Tgt Ion: 53 Resp: 238815
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.8 28.9 43.3



#16
Acetone
Concen: 90.791 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 43 Resp: 187910
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

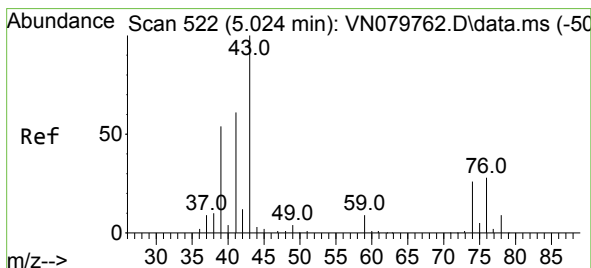
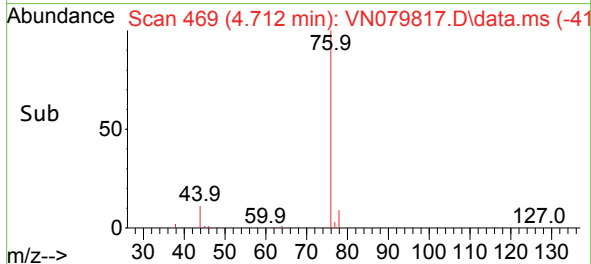
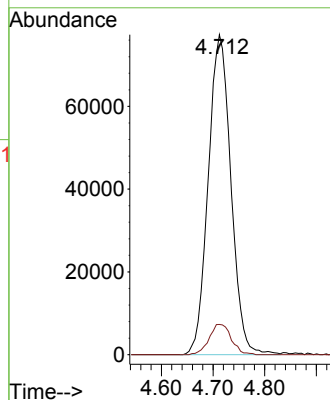
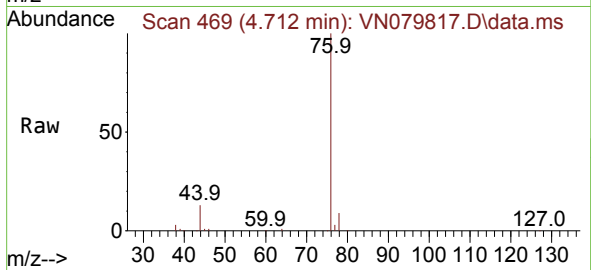




#17
Carbon Disulfide
Concen: 19.654 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

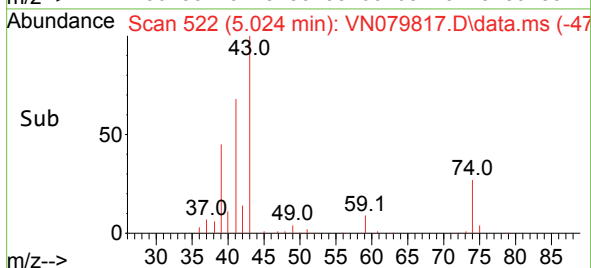
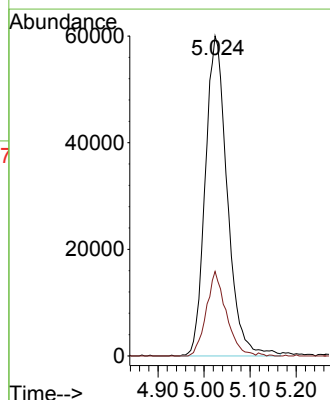
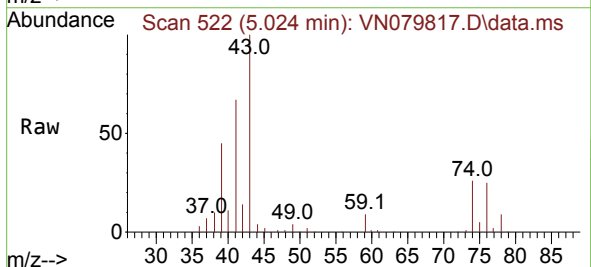
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

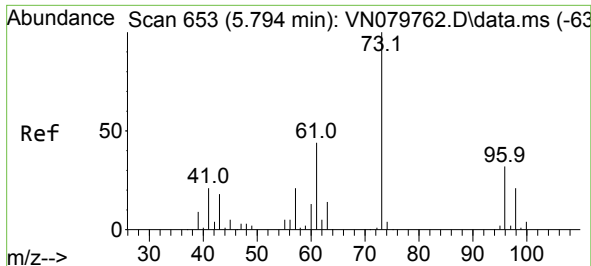
Tgt Ion: 76 Resp: 235998
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.084 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 43 Resp: 198873
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#

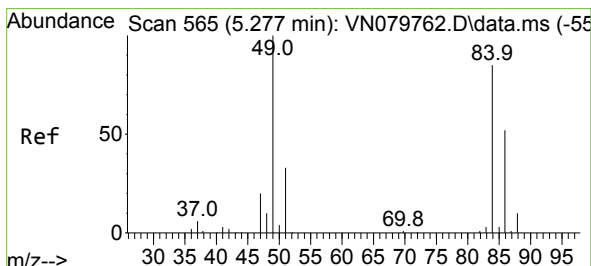
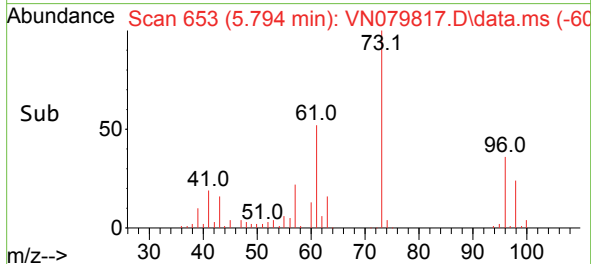
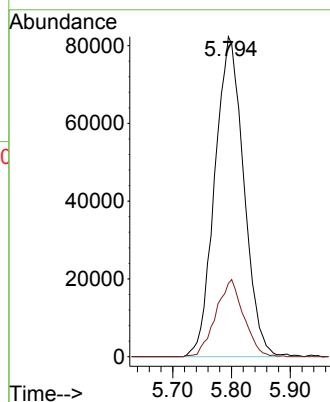
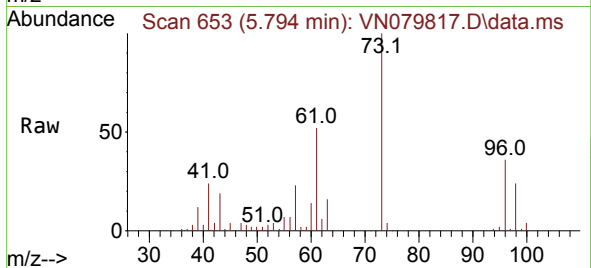




#19
Methyl tert-butyl Ether
Concen: 19.633 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

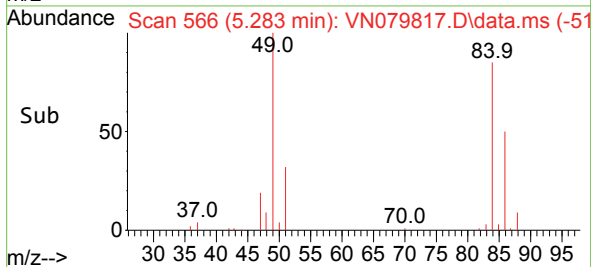
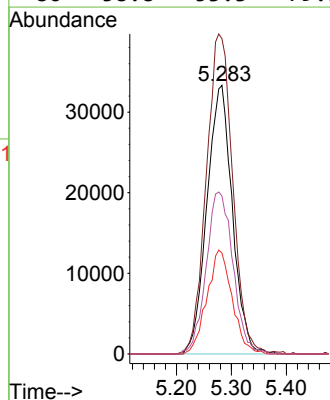
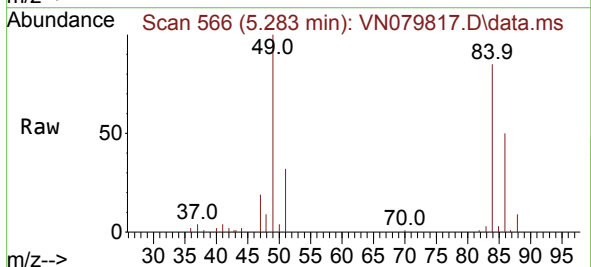
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

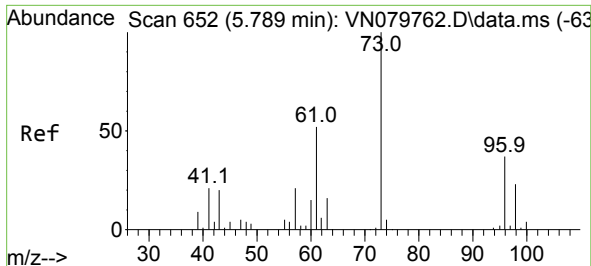
Tgt Ion: 73 Resp: 281379
Ion Ratio Lower Upper
73 100
57 22.9 15.6 23.4



#20
Methylene Chloride
Concen: 20.543 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 84 Resp: 107281
Ion Ratio Lower Upper
84 100
49 116.9 79.7 119.5
51 37.6 25.2 37.8
86 58.8 53.3 79.9

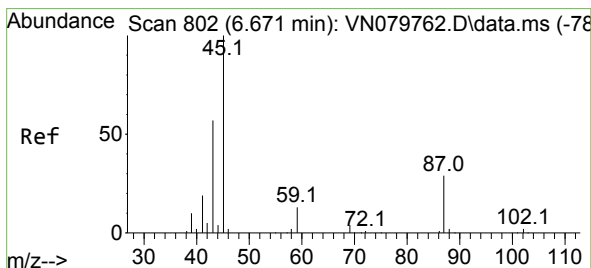
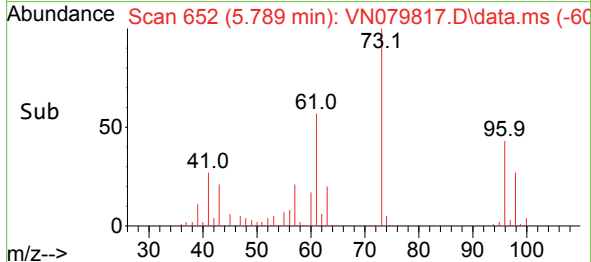
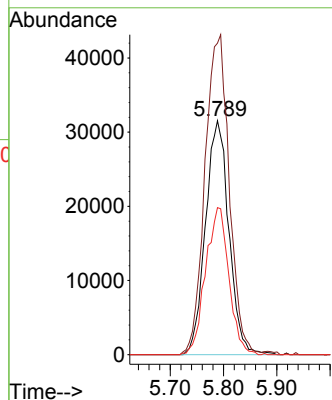
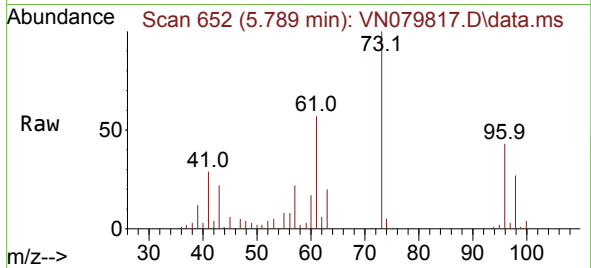




#21
trans-1,2-Dichloroethene
Concen: 20.749 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

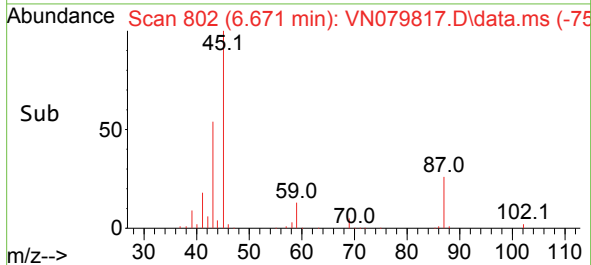
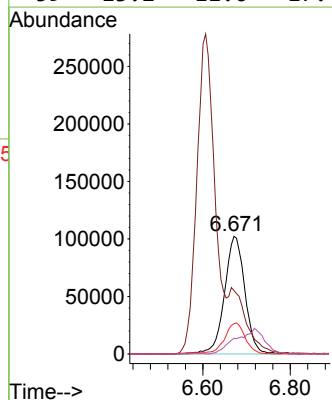
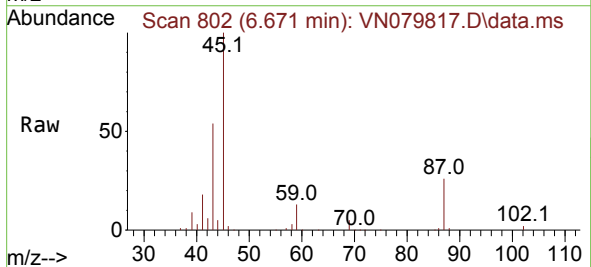
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

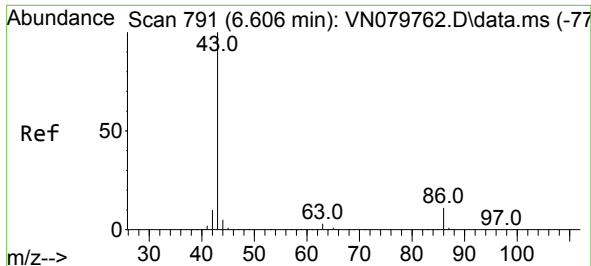
Tgt Ion: 96 Resp: 96332
Ion Ratio Lower Upper
96 100
61 133.2 90.1 135.1
98 62.8 46.4 69.6



#22
Diisopropyl ether
Concen: 22.307 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 45 Resp: 329606
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 25.8 31.8 47.8#
59 13.2 11.6 17.4

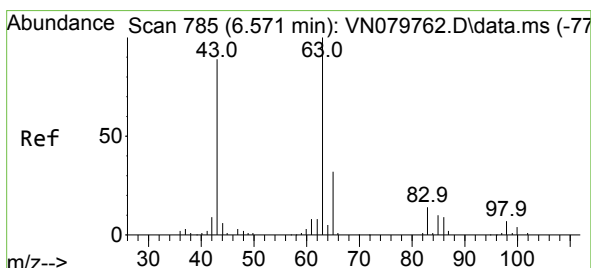
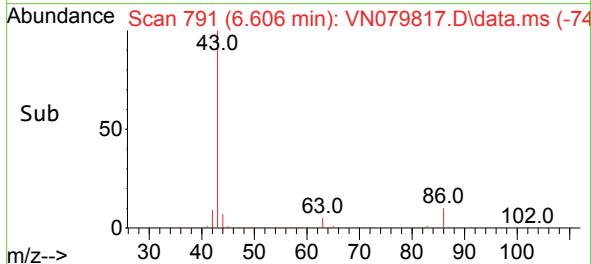
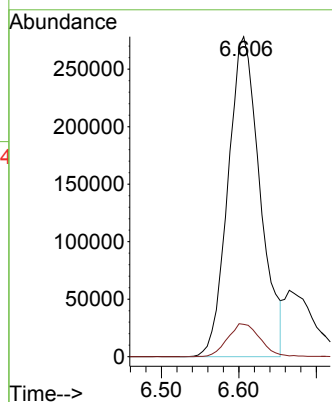
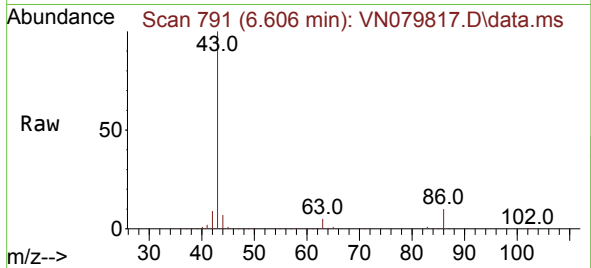




#23
 Vinyl Acetate
 Concen: 97.943 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

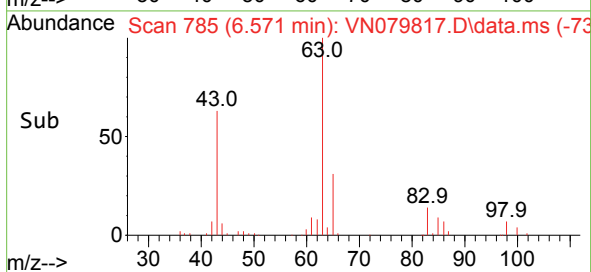
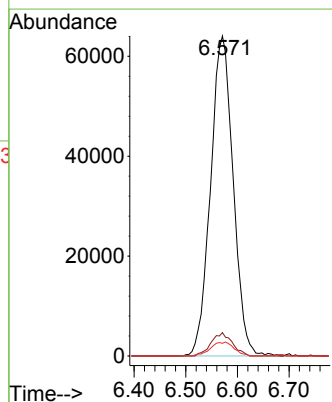
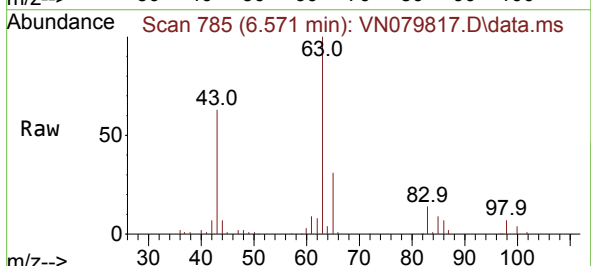
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS02

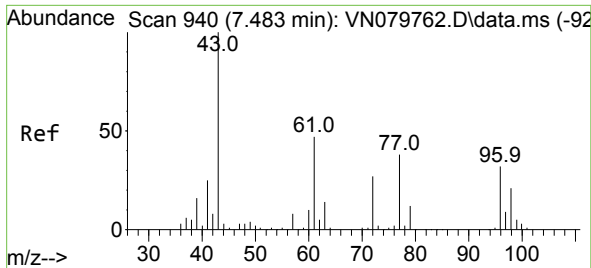
Tgt Ion: 43 Resp: 798268
 Ion Ratio Lower Upper
 43 100
 86 10.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.700 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

Tgt Ion: 63 Resp: 194886
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 3.9 2.5 7.4

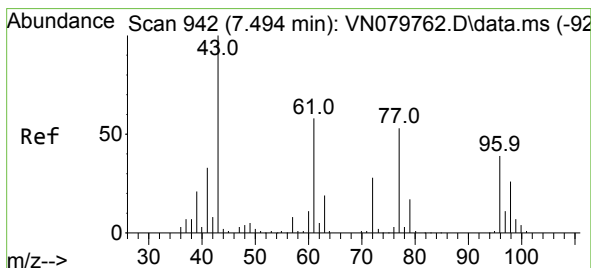
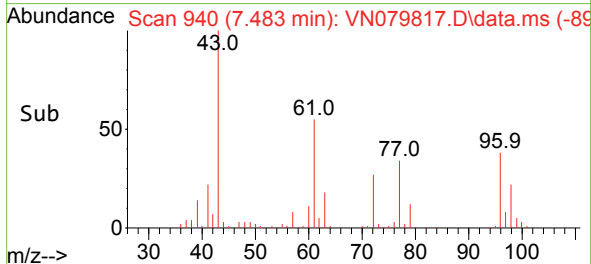
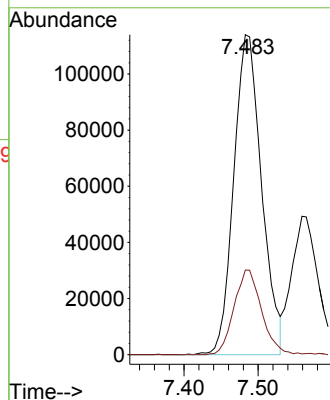
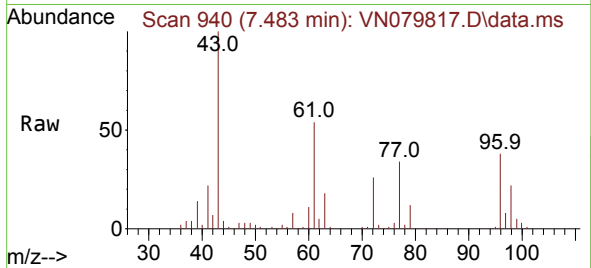




#25
2-Butanone
Concen: 98.182 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

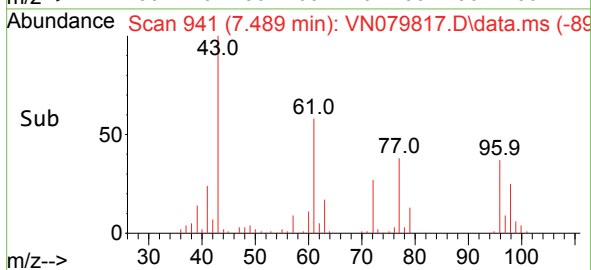
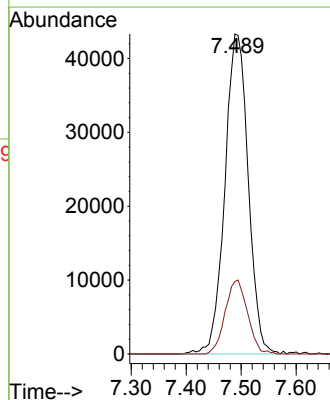
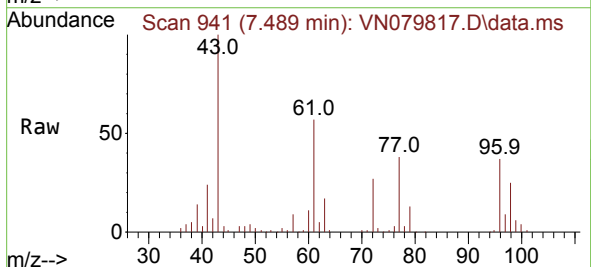
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

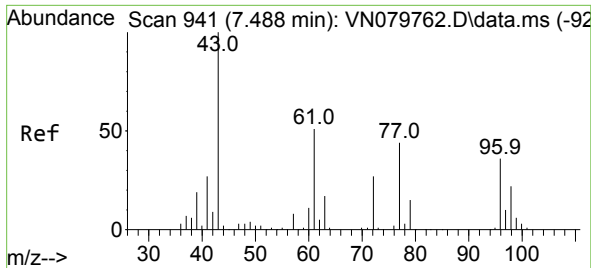
Tgt Ion: 43 Resp: 297567
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.181 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 77 Resp: 127608
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

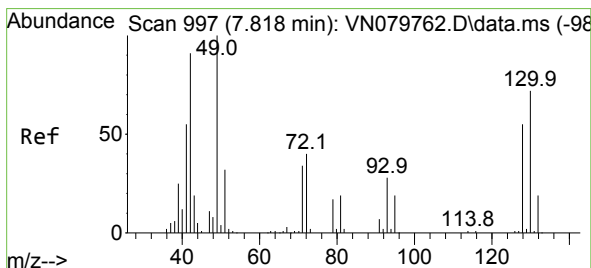
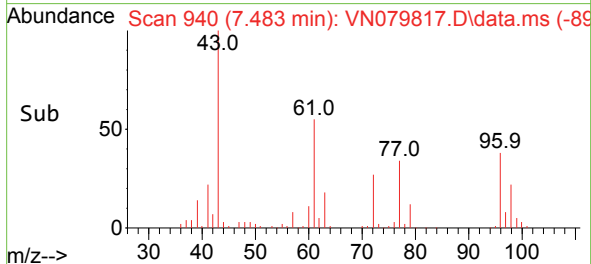
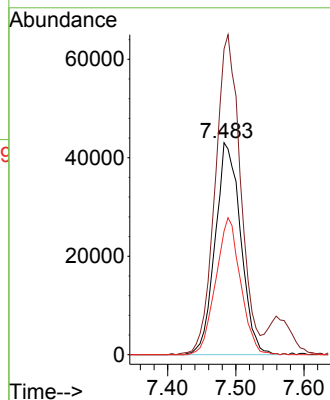
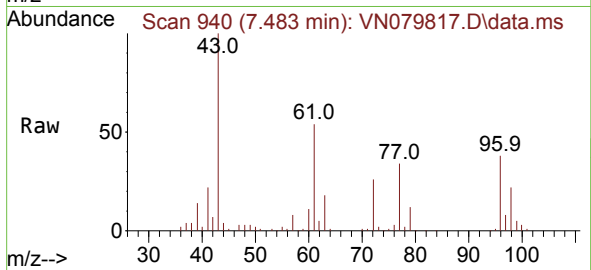




#27
 cis-1,2-Dichloroethene
 Concen: 20.175 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

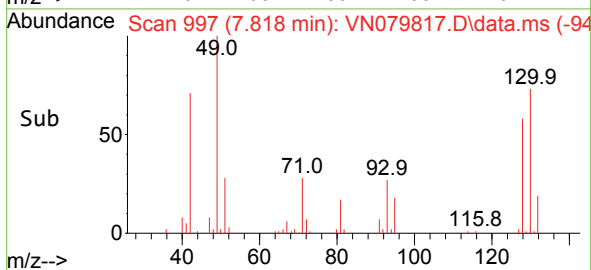
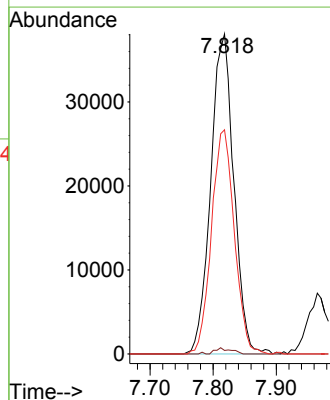
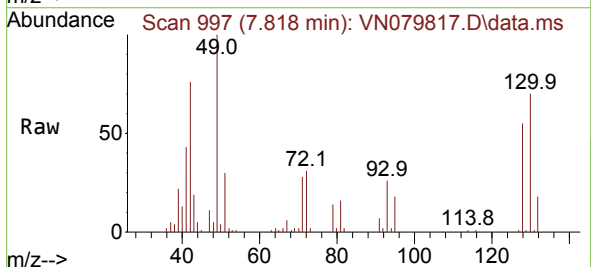
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS02

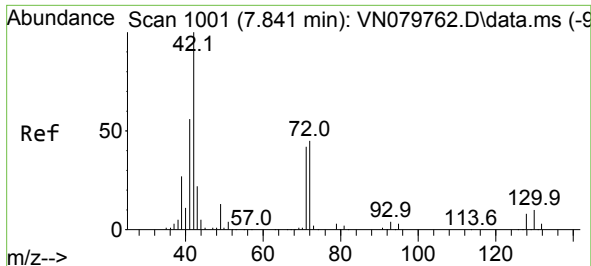
Tgt Ion: 96 Resp: 112042
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 255.2
 98 62.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.116 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

Tgt Ion: 49 Resp: 96793
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 69.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 104.521 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

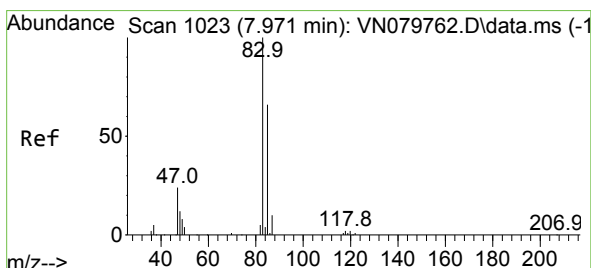
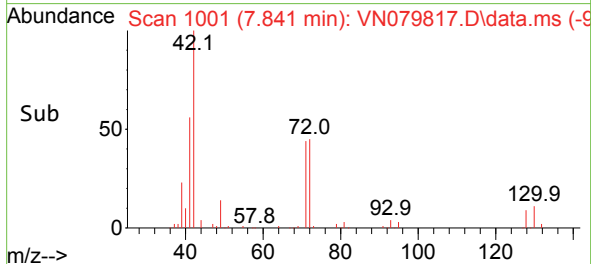
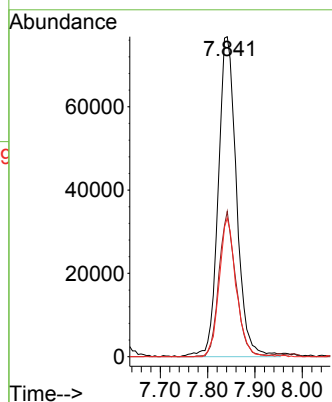
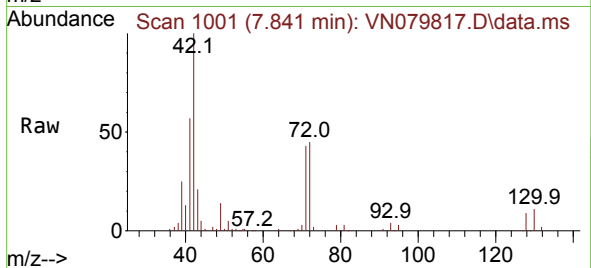
Tgt Ion: 42 Resp: 206100

Ion Ratio Lower Upper

42 100

72 41.9 49.8 74.6#

71 40.2 47.4 71.2#



#30

Chloroform

Concen: 20.138 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079817.D

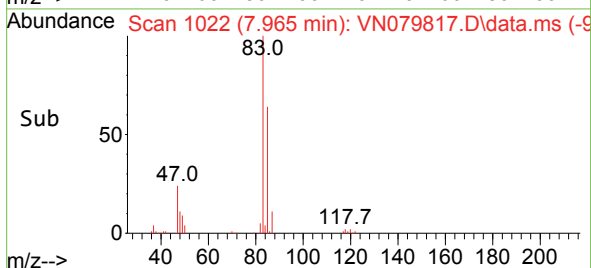
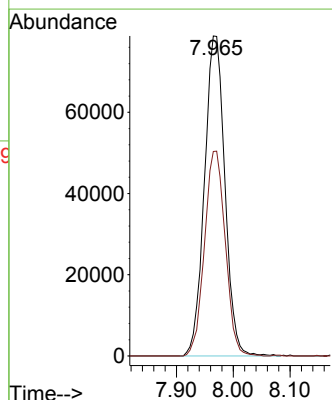
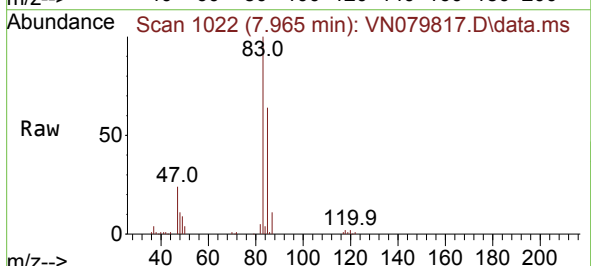
Acq: 03 Nov 2023 01:57

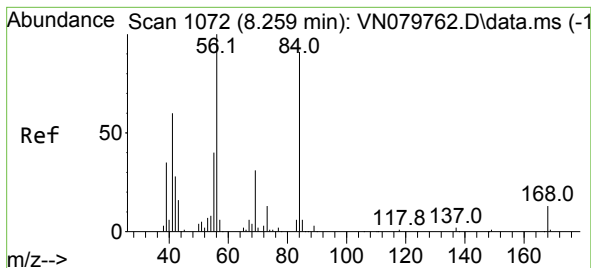
Tgt Ion: 83 Resp: 196452

Ion Ratio Lower Upper

83 100

85 63.9 55.4 83.0





#31

Cyclohexane

Concen: 20.301 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

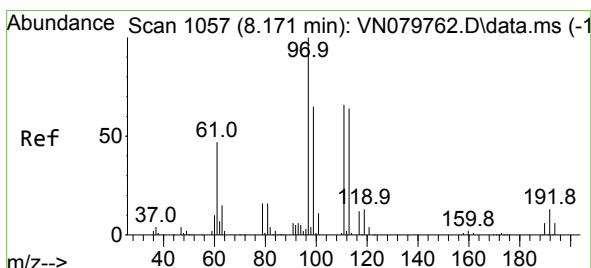
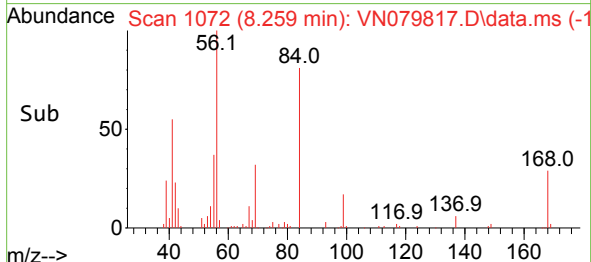
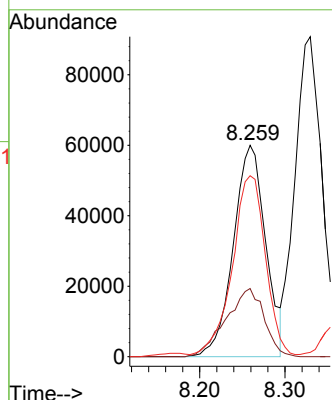
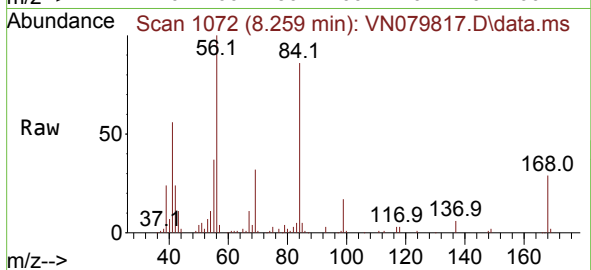
Tgt Ion: 56 Resp: 158063

Ion Ratio Lower Upper

56 100

69 32.3 26.8 40.2

84 84.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.793 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

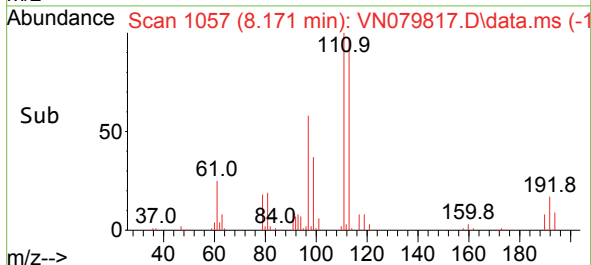
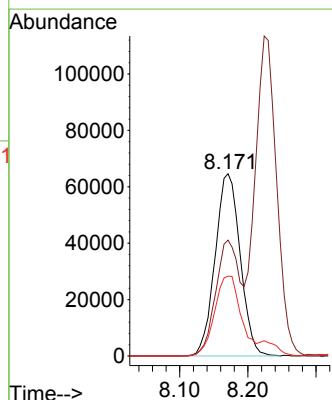
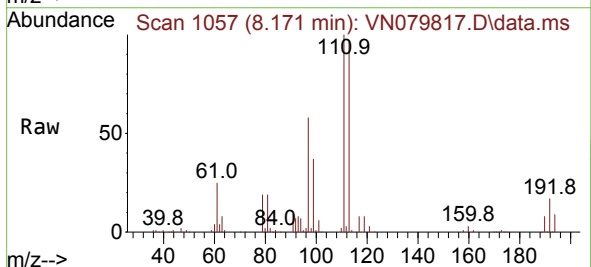
Tgt Ion: 97 Resp: 165274

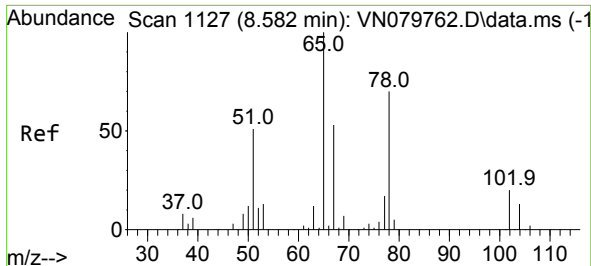
Ion Ratio Lower Upper

97 100

99 62.0 50.3 75.5

61 47.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.068 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

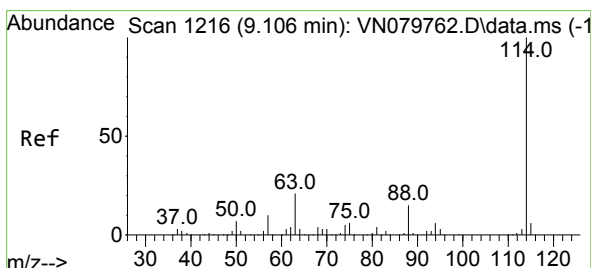
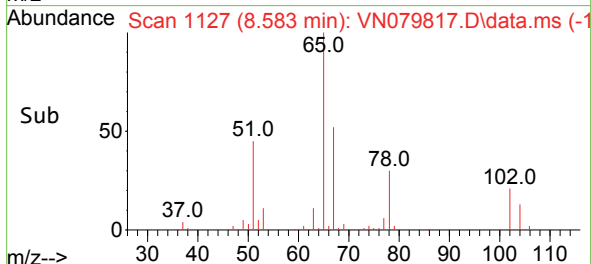
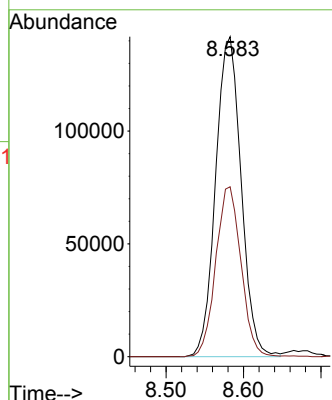
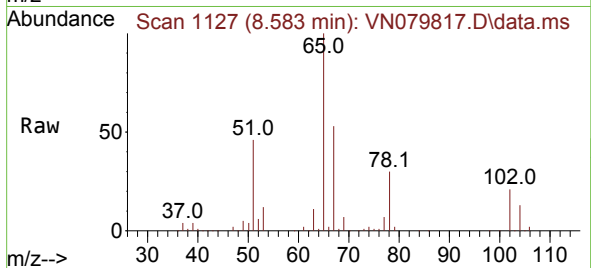
VN1102WBS02

Tgt Ion: 65 Resp: 324469

Ion Ratio Lower Upper

65 100

67 52.6 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: VN079817.D

Acq: 03 Nov 2023 01:57

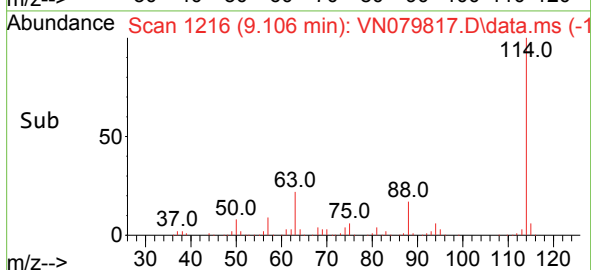
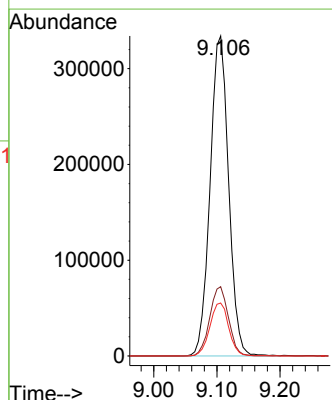
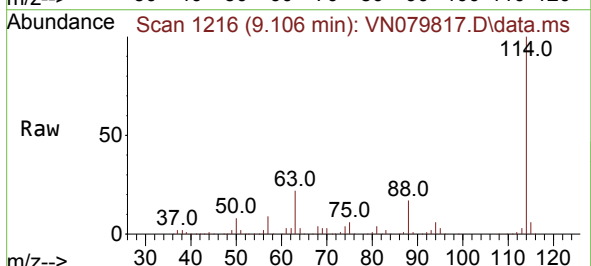
Tgt Ion: 114 Resp: 680401

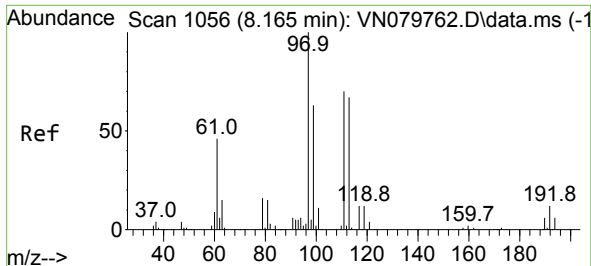
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.6 0.0 30.6

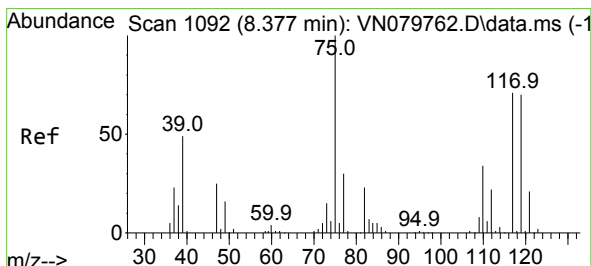
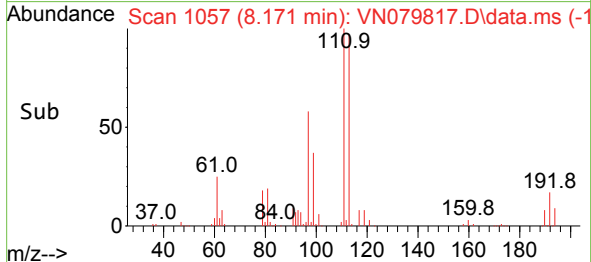
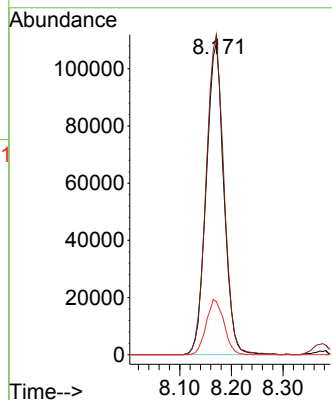
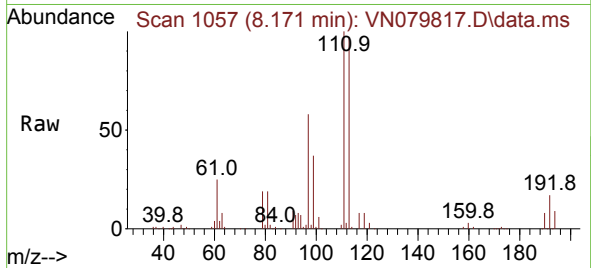




#35
Dibromofluoromethane
Concen: 53.579 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

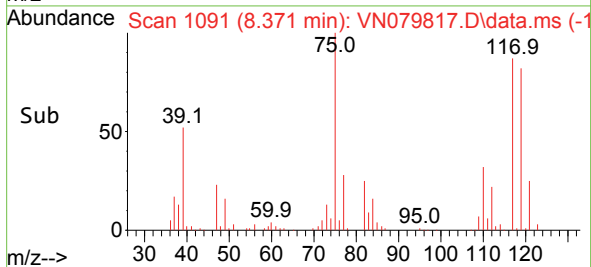
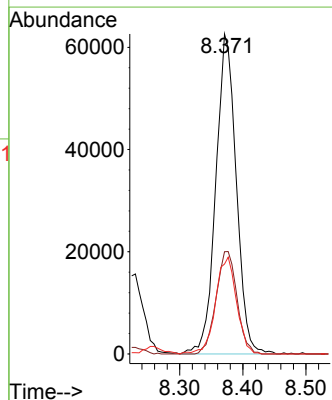
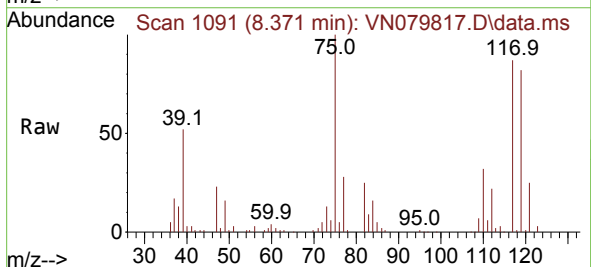
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

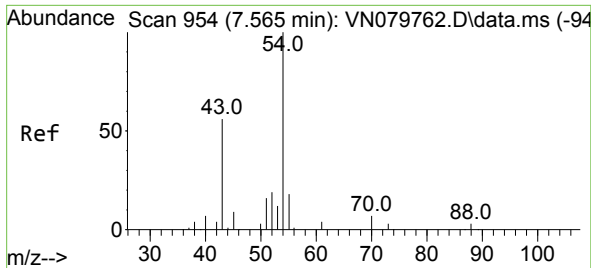
Tgt Ion:113 Resp: 258014
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.496 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 75 Resp: 140930
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 31.1 25.0 37.4

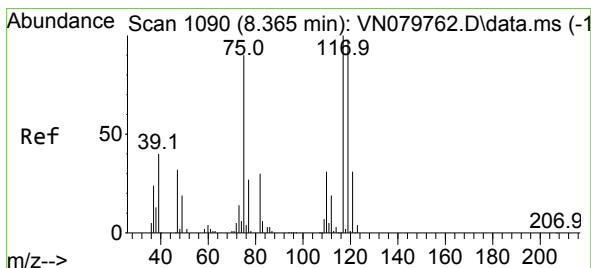
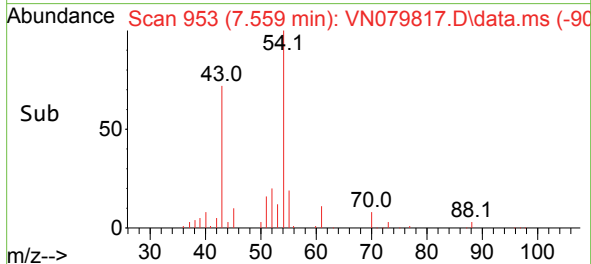
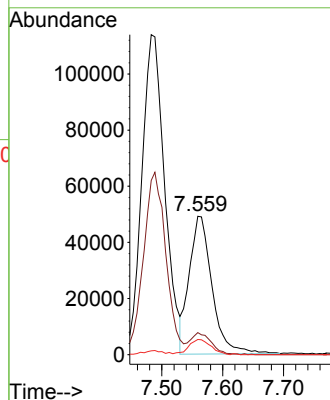
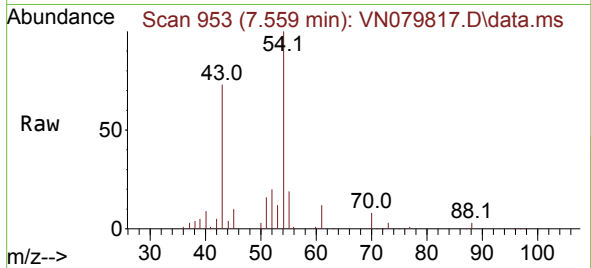




#37
Ethyl Acetate
Concen: 20.299 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

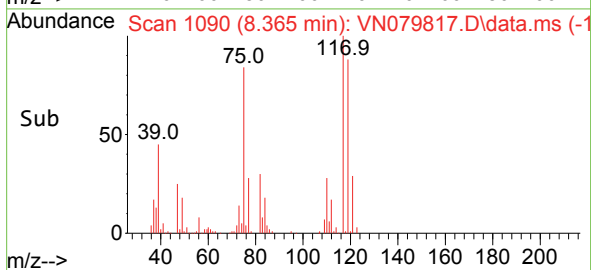
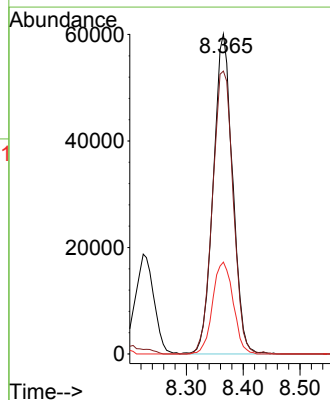
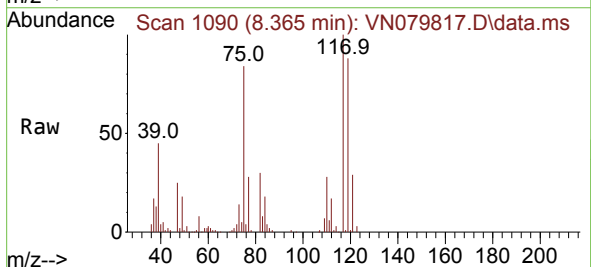
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

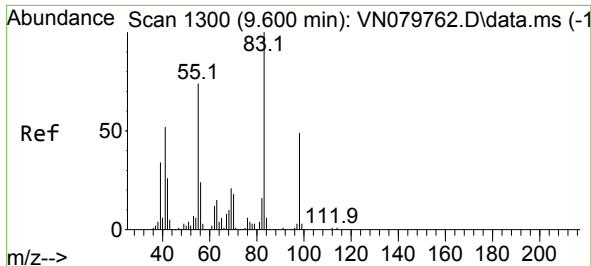
Tgt Ion: 43 Resp: 128004
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 20.469 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 117 Resp: 141840
Ion Ratio Lower Upper
117 100
119 88.4 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 19.018 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

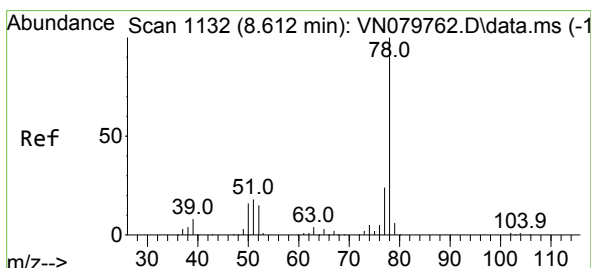
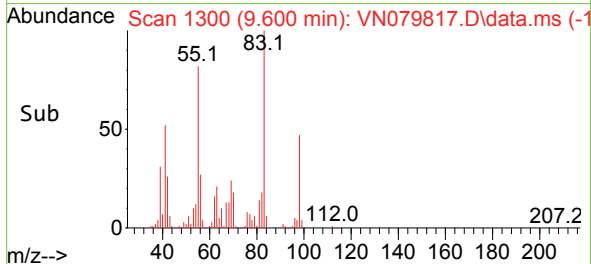
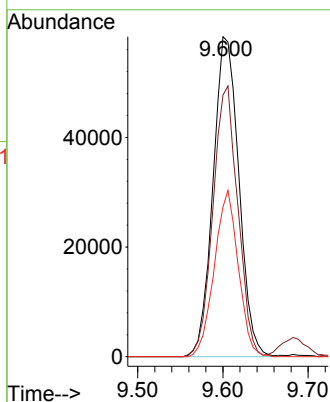
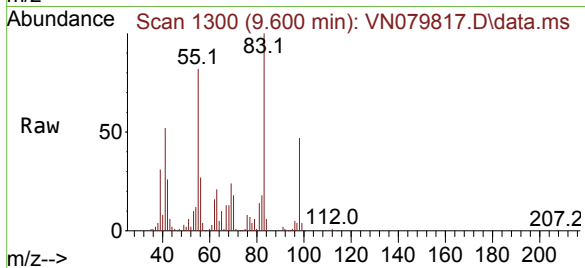
Tgt Ion: 83 Resp: 123063

Ion Ratio Lower Upper

83 100

55 81.7 49.1 73.7#

98 46.8 40.6 61.0



#40

Benzene

Concen: 20.662 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079817.D

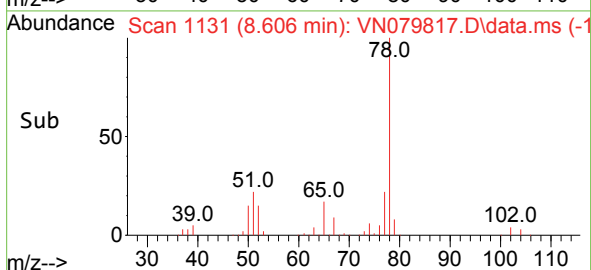
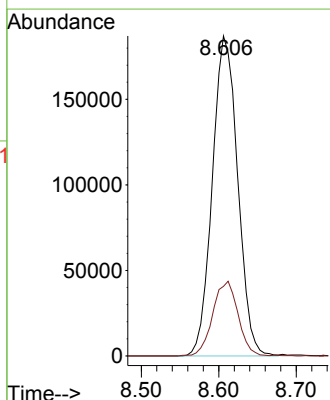
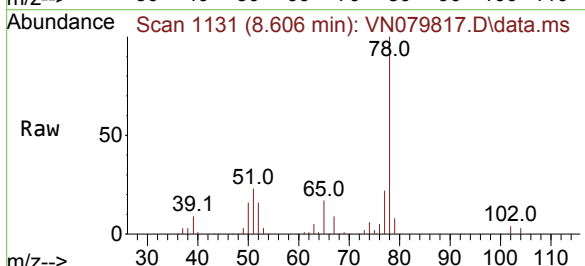
Acq: 03 Nov 2023 01:57

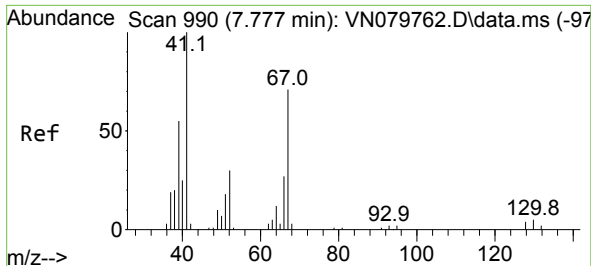
Tgt Ion: 78 Resp: 425520

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.6

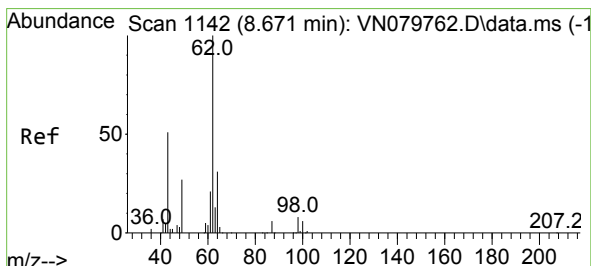
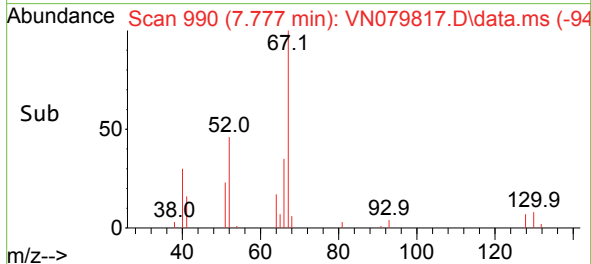
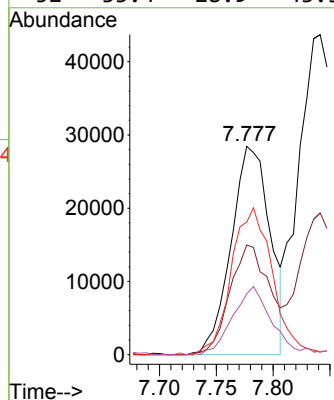
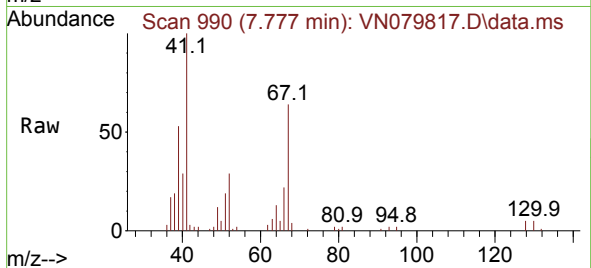




#41
Methacrylonitrile
Concen: 20.312 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

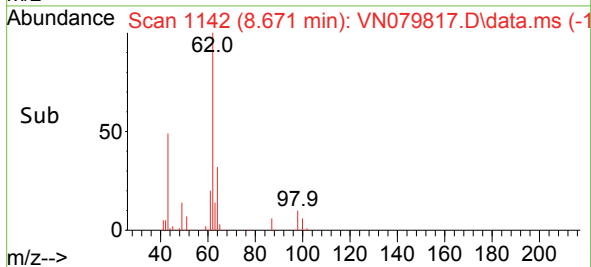
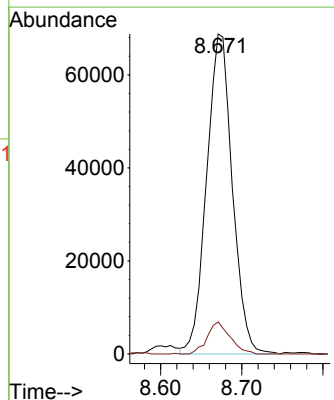
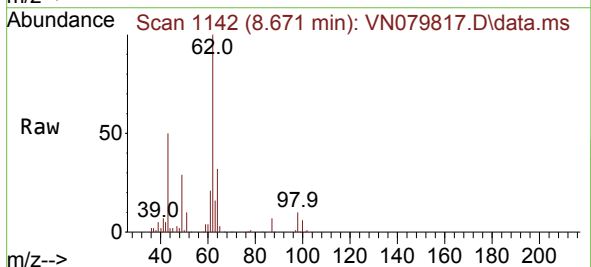
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

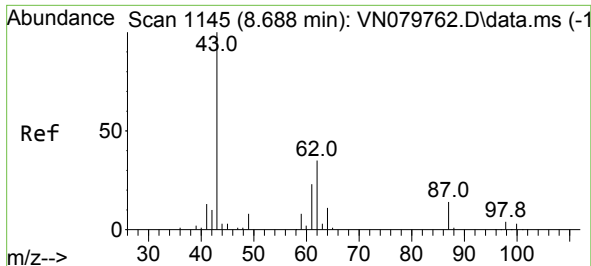
Tgt Ion:	41	Resp:	68016
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.6	64.0
67	74.5	77.5	116.3
52	33.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.072 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:	62	Resp:	151587
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

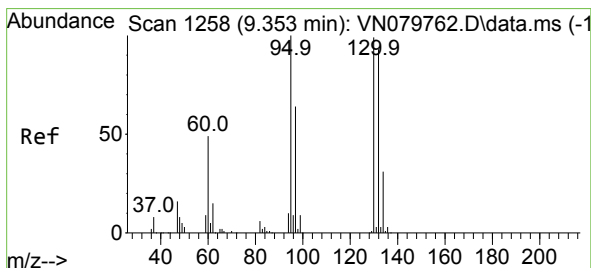
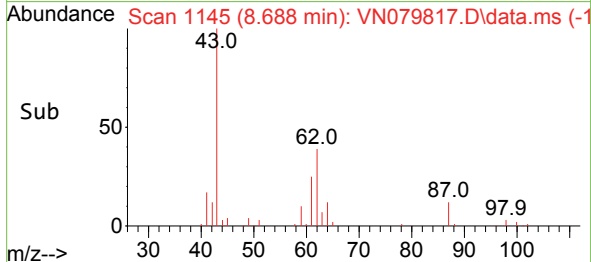
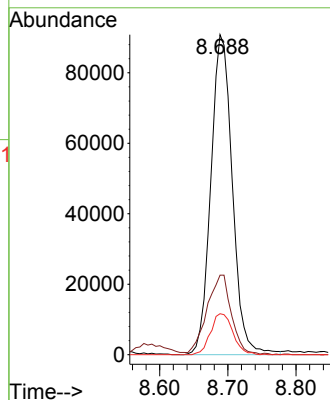
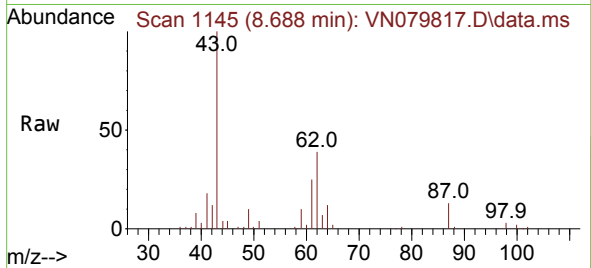




#43
Isopropyl Acetate
Concen: 18.042 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

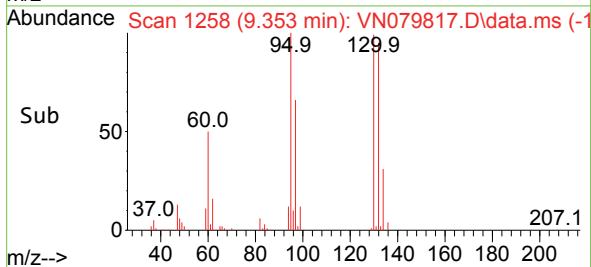
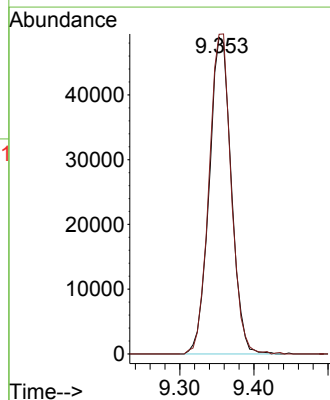
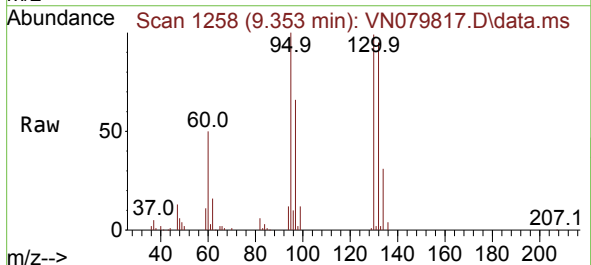
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

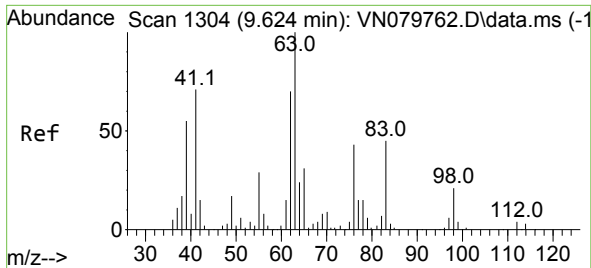
Tgt Ion: 43 Resp: 199519
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 13.3 14.6 21.8#



#44
Trichloroethene
Concen: 19.782 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:130 Resp: 101095
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6

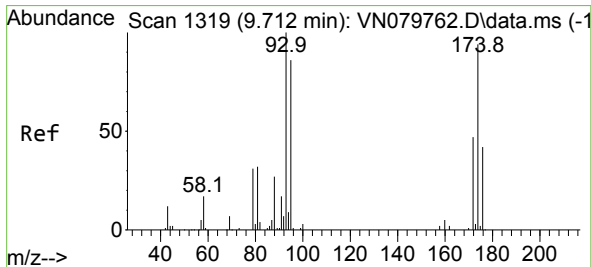
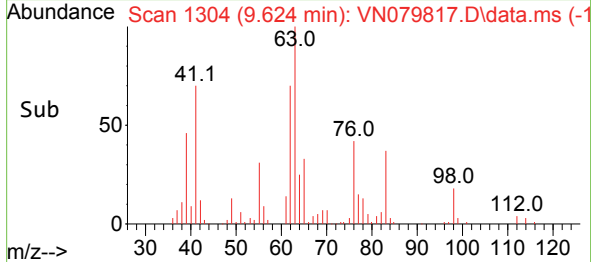
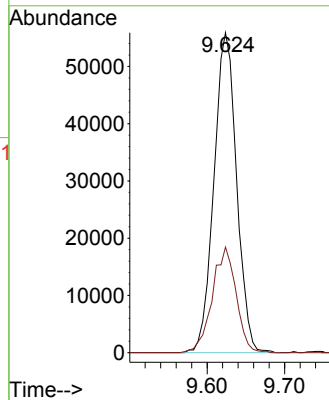
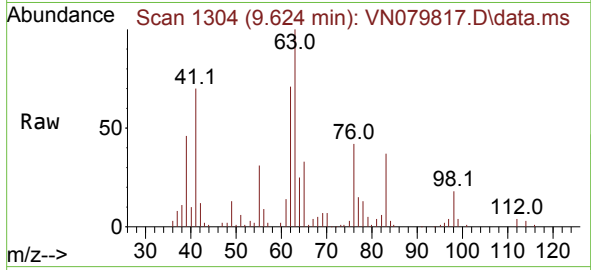




#45
1,2-Dichloropropane
Concen: 21.553 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

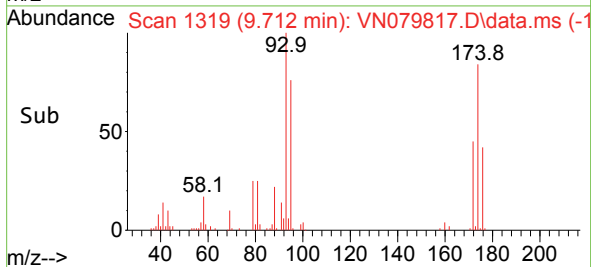
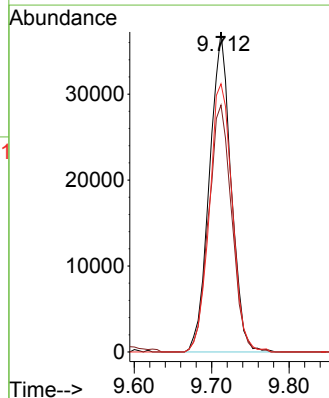
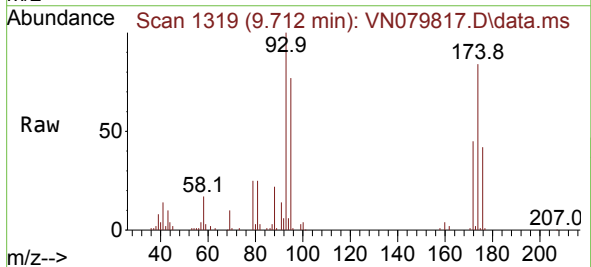
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

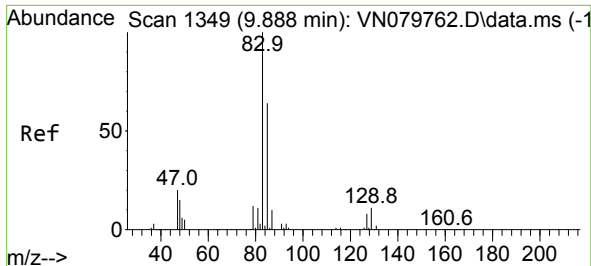
Tgt Ion: 63 Resp: 113435
Ion Ratio Lower Upper
63 100
65 33.0 23.9 35.9



#46
Dibromomethane
Concen: 20.082 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 93 Resp: 72169
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 88.7 65.6 98.4





#47

Bromodichloromethane

Concen: 19.928 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

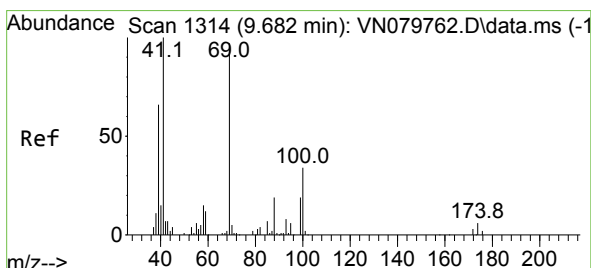
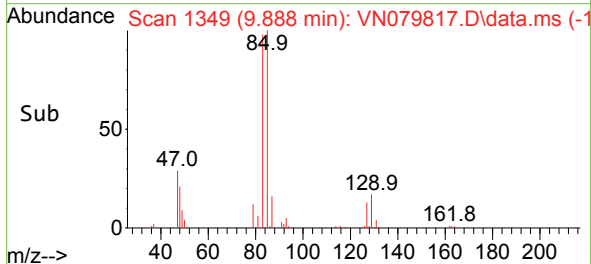
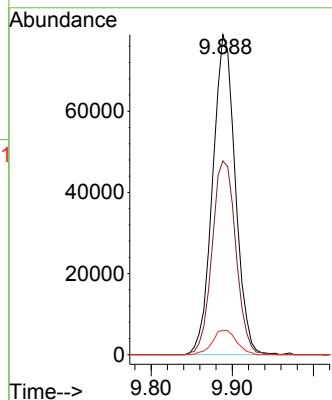
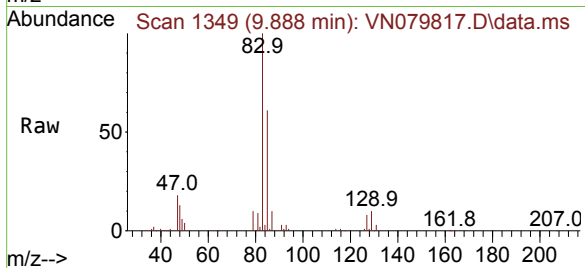
Tgt Ion: 83 Resp: 152726

Ion Ratio Lower Upper

83 100

85 60.6 49.6 74.4

127 7.6 7.0 10.6



#48

Methyl methacrylate

Concen: 19.917 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

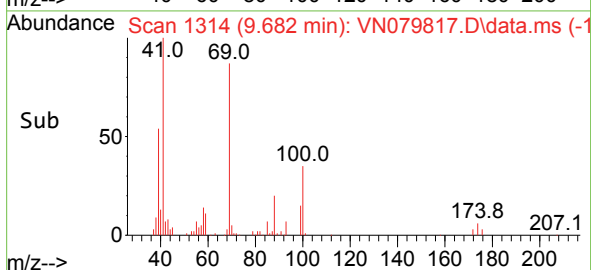
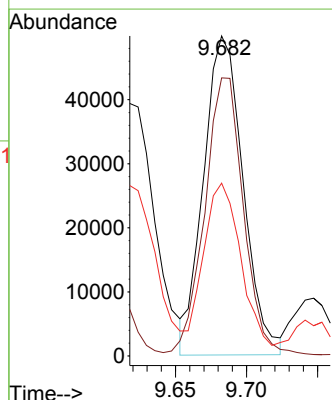
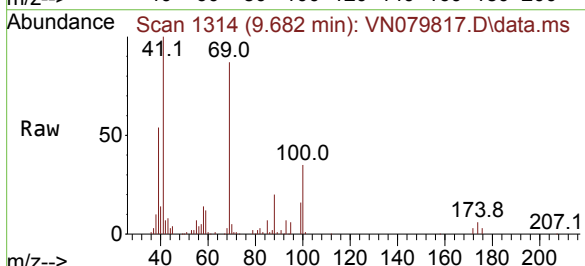
Tgt Ion: 41 Resp: 96476

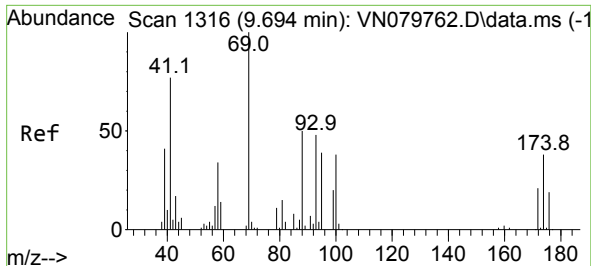
Ion Ratio Lower Upper

41 100

69 86.4 90.4 135.6#

39 53.4 54.6 81.8#





#49

1,4-Dioxane

Concen: 389.806 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

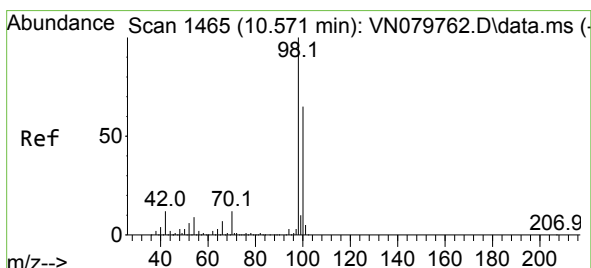
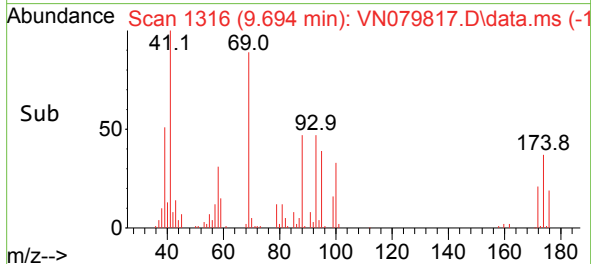
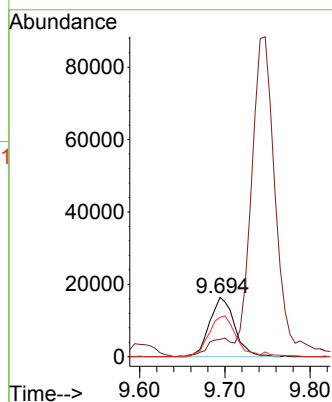
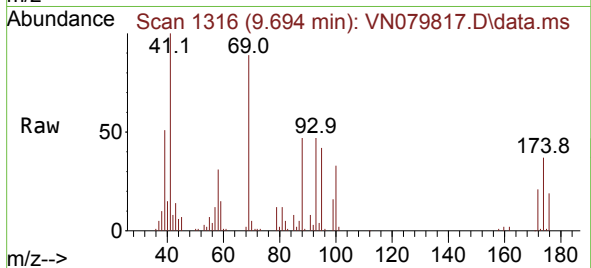
Tgt Ion: 88 Resp: 33364

Ion Ratio Lower Upper

88 100

43 32.8 17.0 25.6#

58 73.6 47.0 70.4#



#50

Toluene-d8

Concen: 54.452 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079817.D

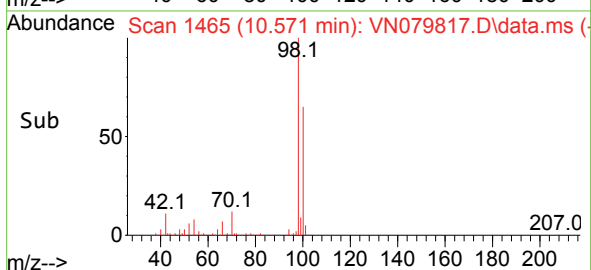
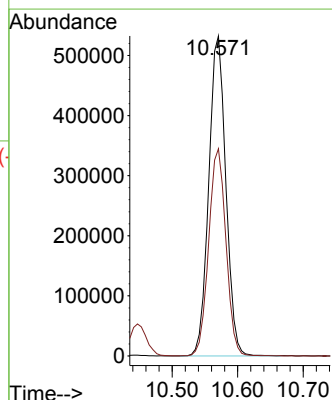
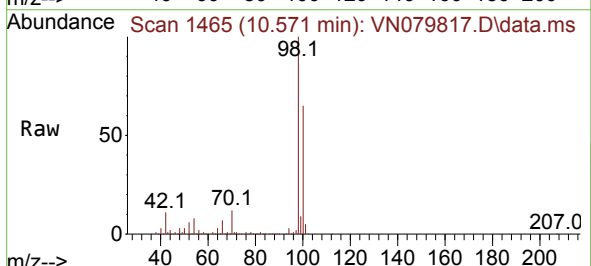
Acq: 03 Nov 2023 01:57

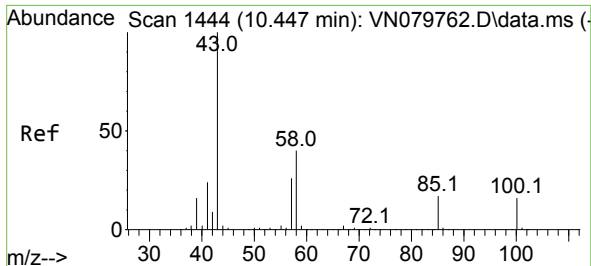
Tgt Ion: 98 Resp: 965316

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 101.246 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

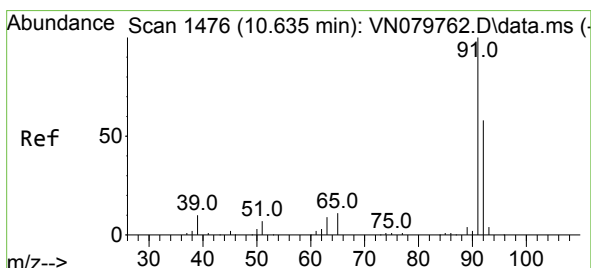
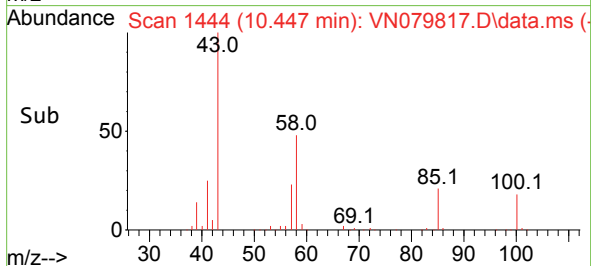
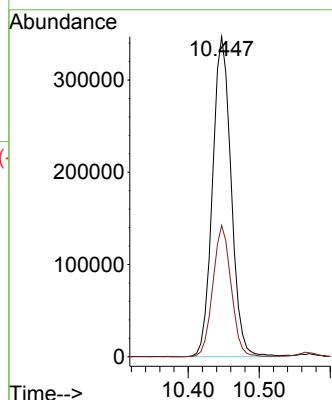
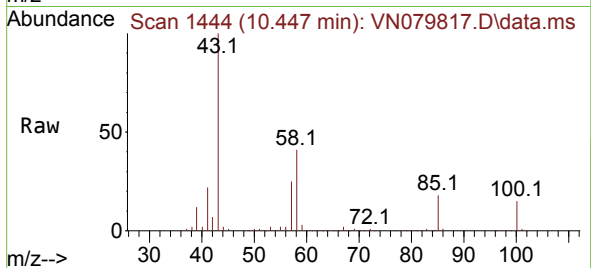
VN1102WBS02

Tgt Ion: 43 Resp: 630361

Ion Ratio Lower Upper

43 100

58 40.3 36.6 54.8



#52

Toluene

Concen: 21.106 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079817.D

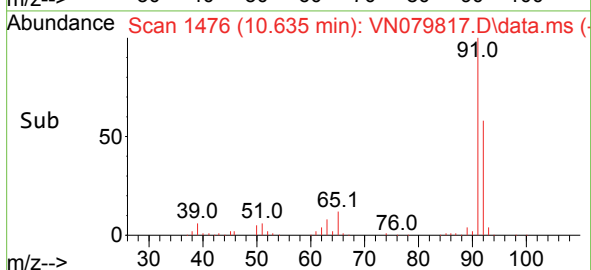
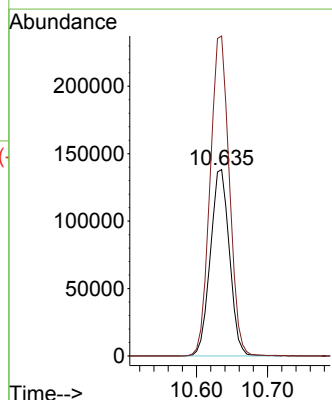
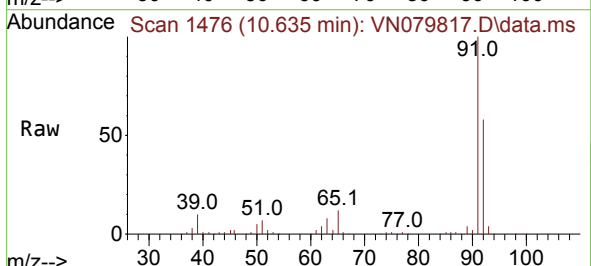
Acq: 03 Nov 2023 01:57

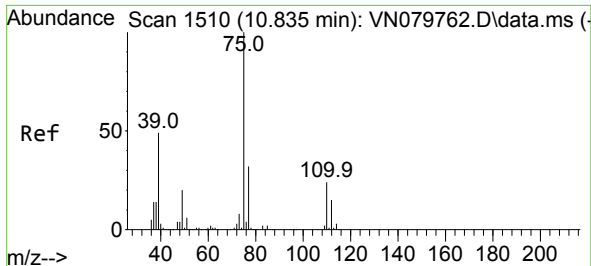
Tgt Ion: 92 Resp: 257686

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0

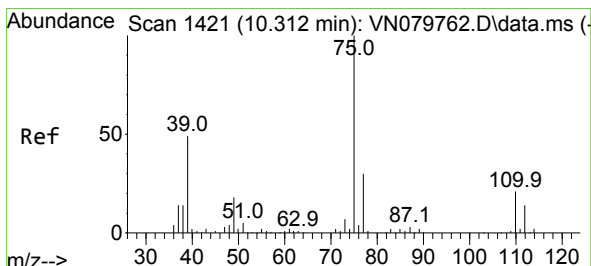
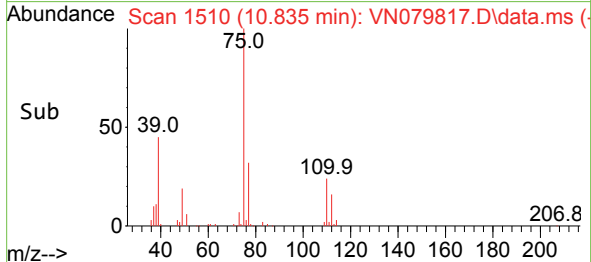
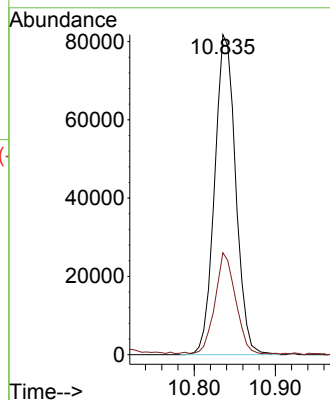
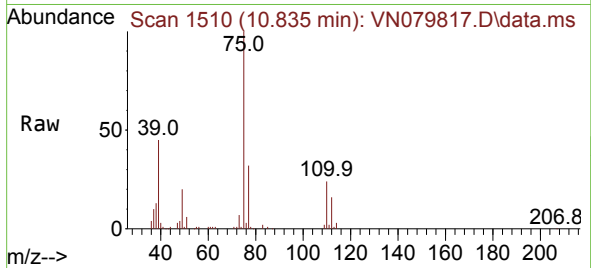




#53
t-1,3-Dichloropropene
Concen: 19.623 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

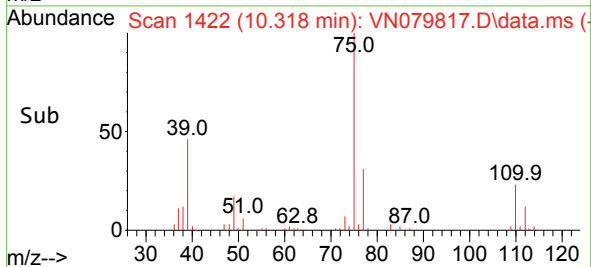
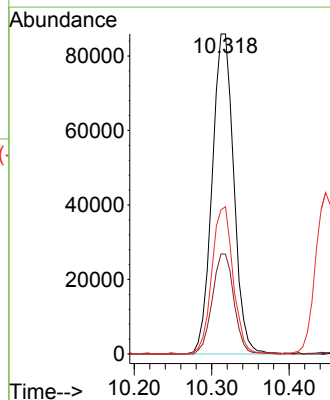
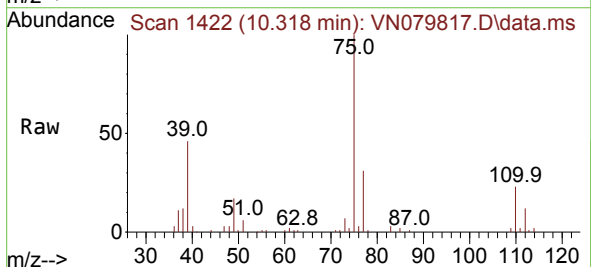
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

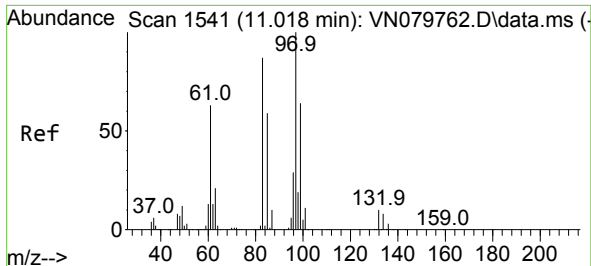
Tgt Ion: 75 Resp: 147432
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.384 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 75 Resp: 166930
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 46.0 31.6 47.4

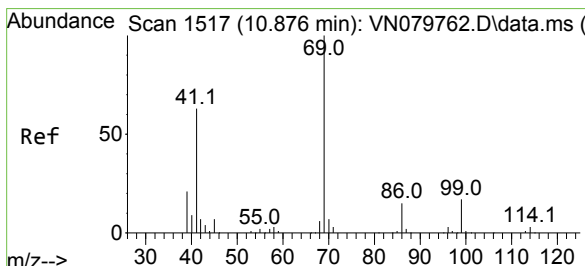
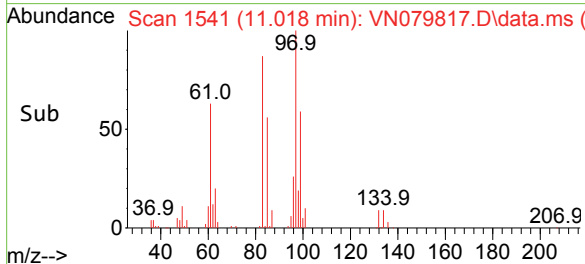
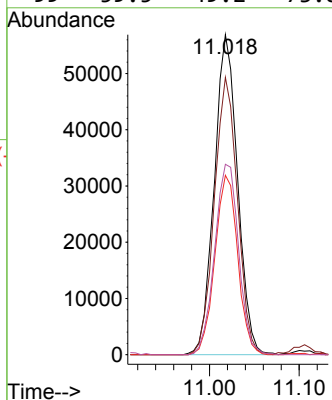
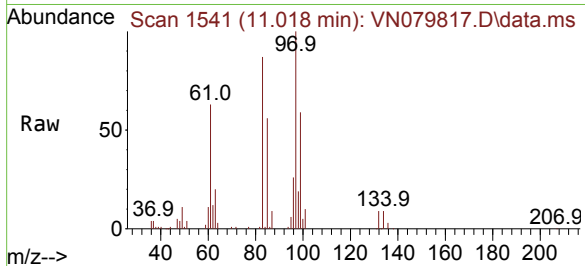




#55
1,1,2-Trichloroethane
Concen: 20.911 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

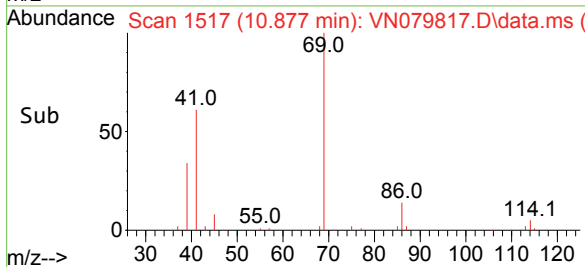
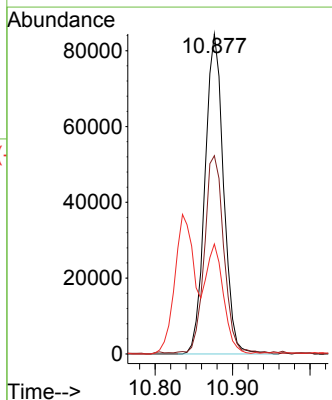
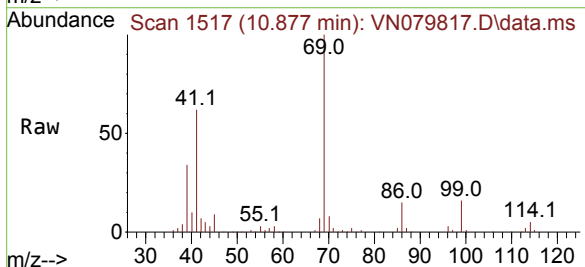
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

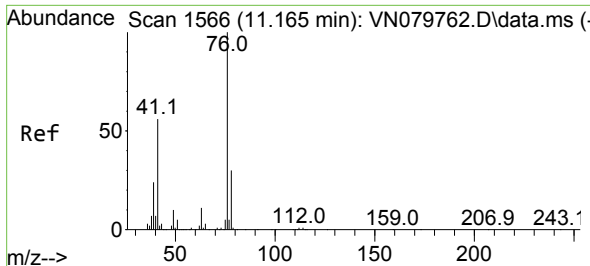
Tgt Ion:	97	Resp:	102690
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.1	97.7
85	56.0	43.4	65.2
99	59.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.065 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:	69	Resp:	140551
Ion	Ratio	Lower	Upper
69	100		
41	63.9	39.6	59.4#
39	31.9	28.6	43.0

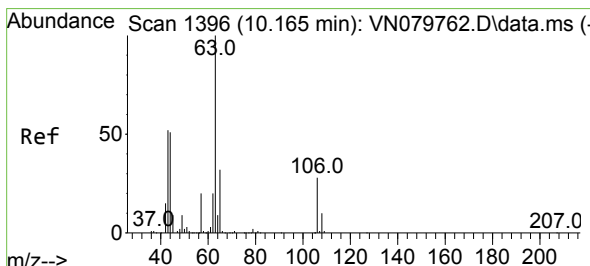
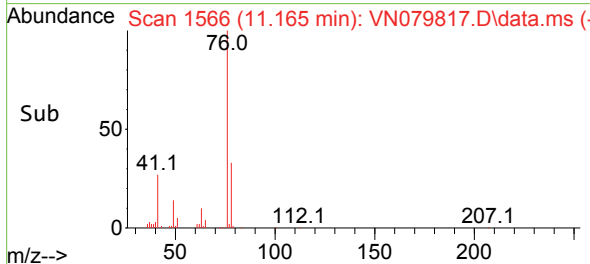
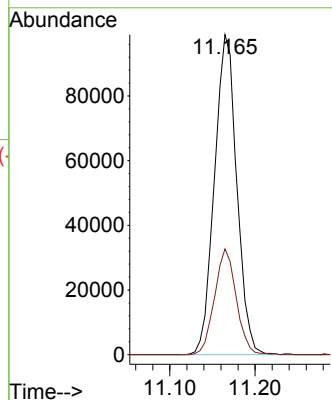
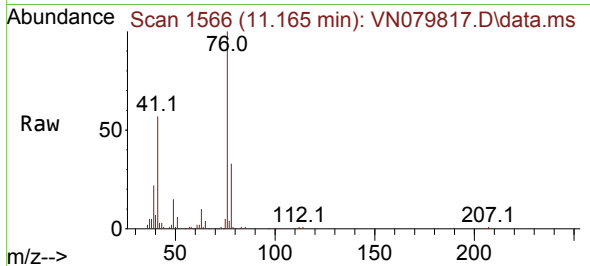




#57
1,3-Dichloropropane
Concen: 20.817 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

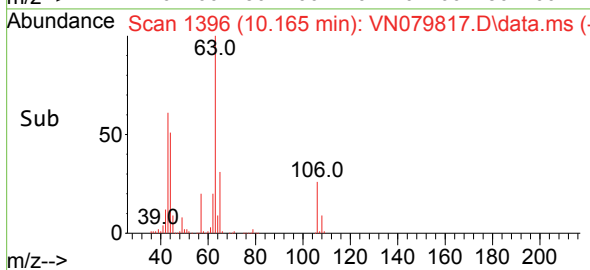
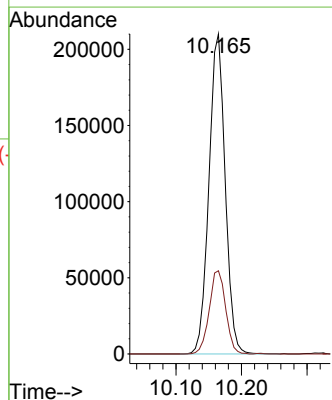
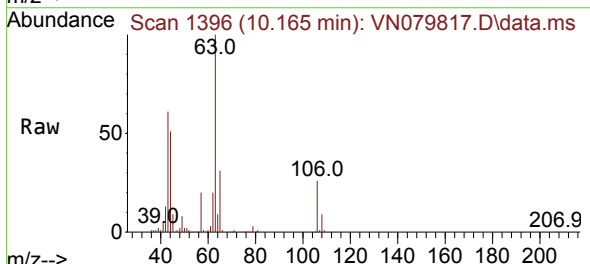
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

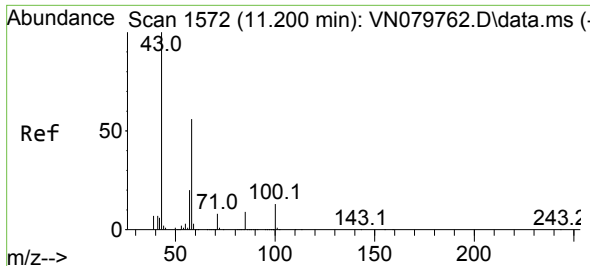
Tgt Ion: 76 Resp: 180189
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 102.148 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 63 Resp: 362648
Ion Ratio Lower Upper
63 100
106 26.3 26.2 39.4

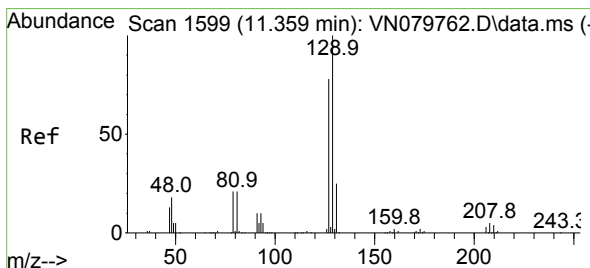
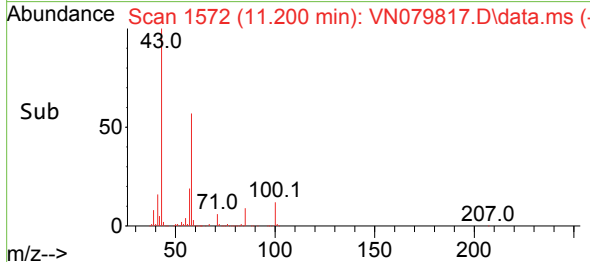
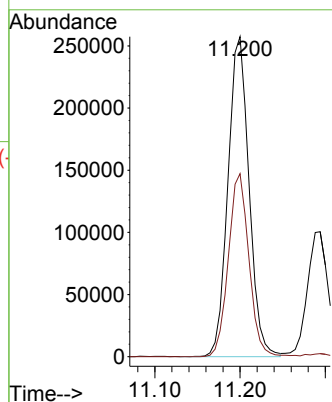
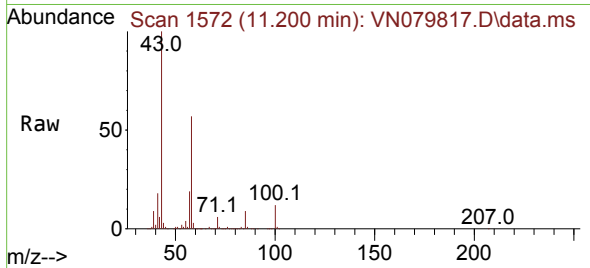




#59
2-Hexanone
Concen: 92.735 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

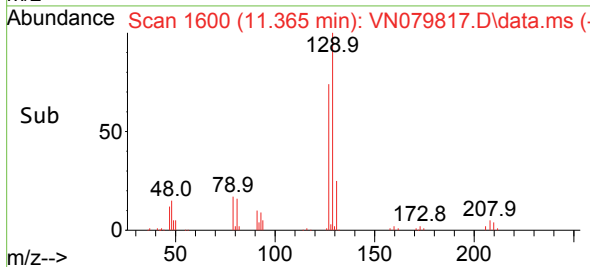
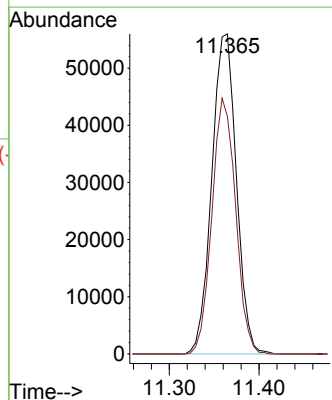
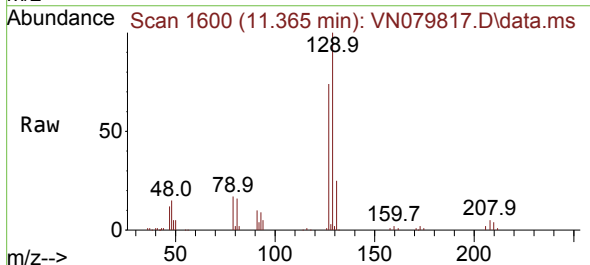
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

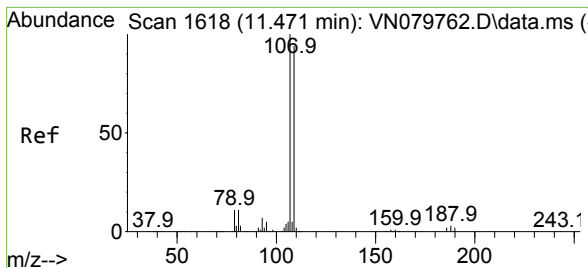
Tgt Ion: 43 Resp: 441685
Ion Ratio Lower Upper
43 100
58 55.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.275 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 129 Resp: 106574
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

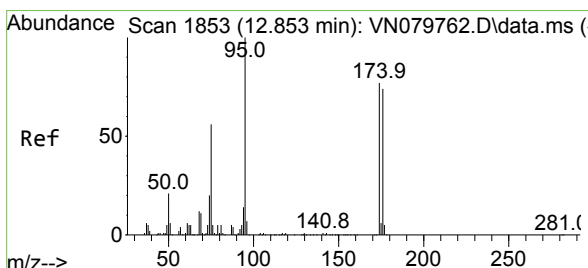
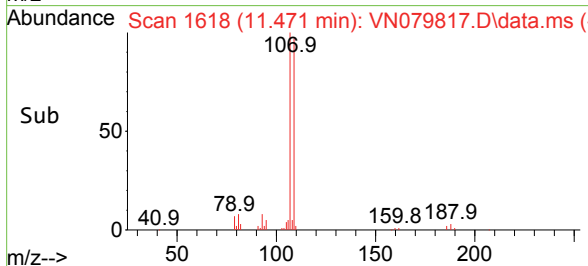
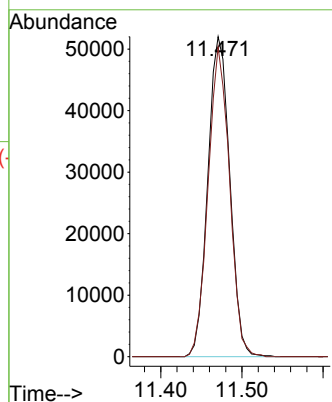
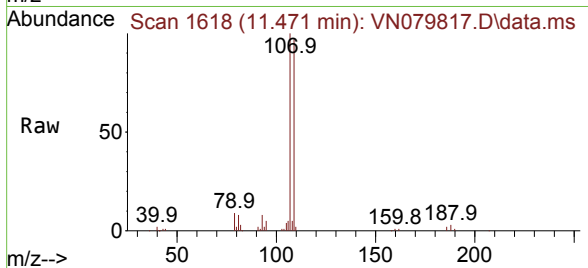




#61
1,2-Dibromoethane
Concen: 19.836 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

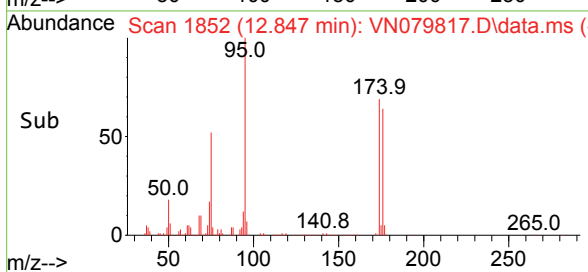
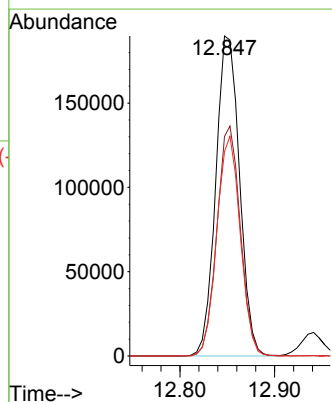
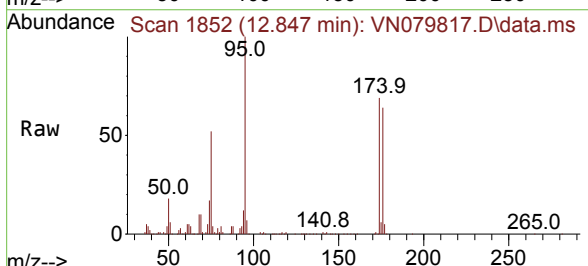
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

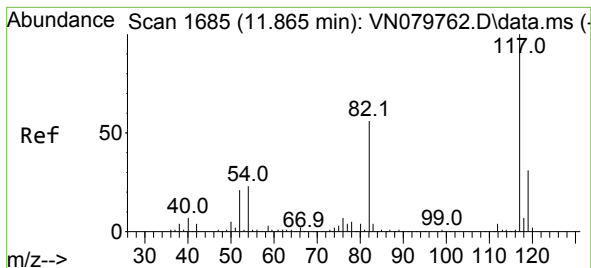
Tgt Ion:107 Resp: 97769
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.368 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 95 Resp: 331414
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 67.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

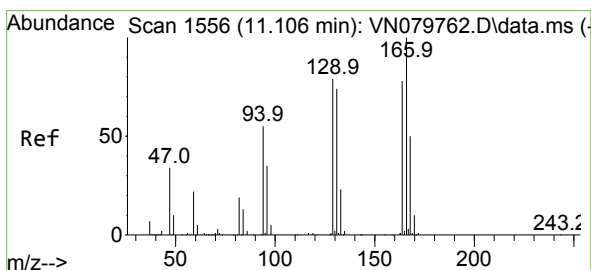
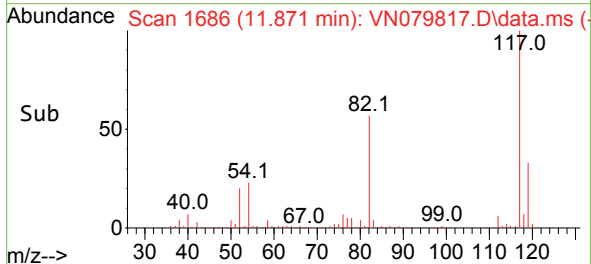
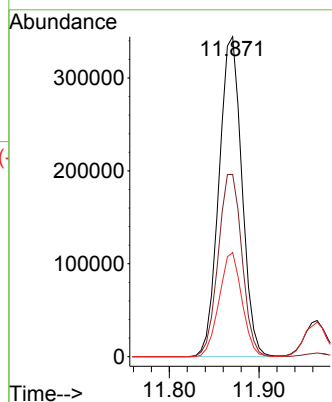
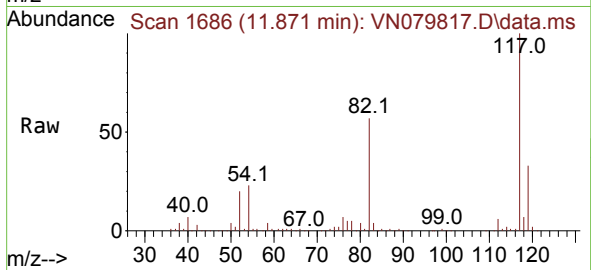
Tgt Ion:117 Resp: 610857

Ion Ratio Lower Upper

117 100

82 57.0 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 23.014 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Tgt Ion:164 Resp: 91049

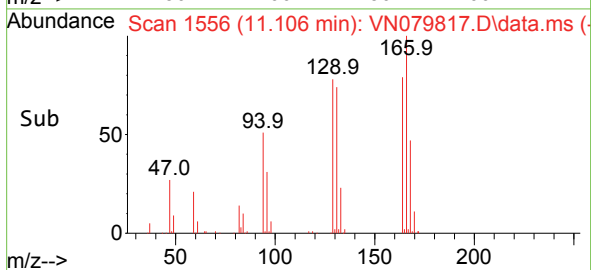
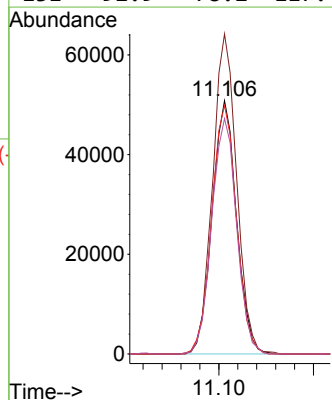
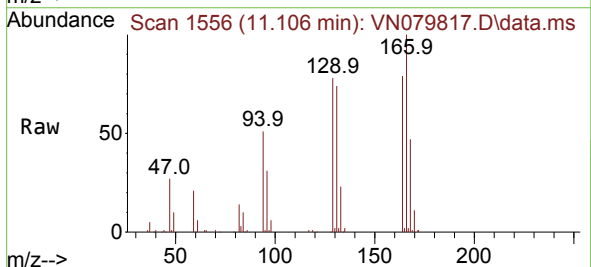
Ion Ratio Lower Upper

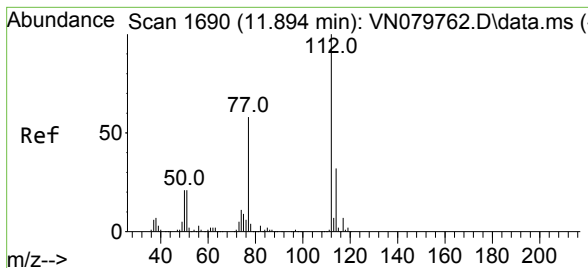
164 100

166 126.3 101.4 152.0

129 98.1 82.4 123.6

131 92.9 78.2 117.4

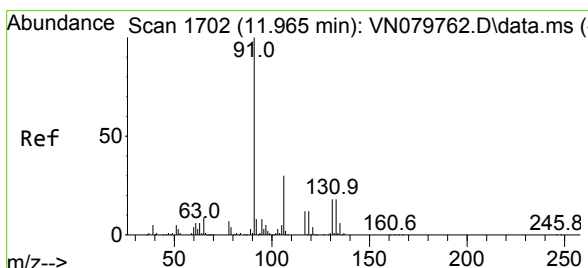
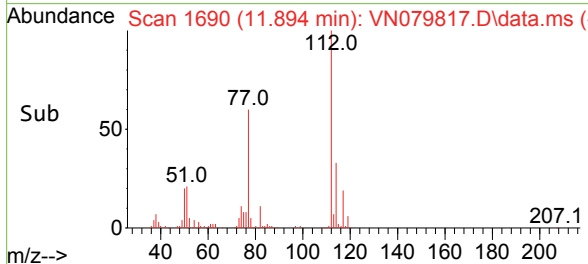
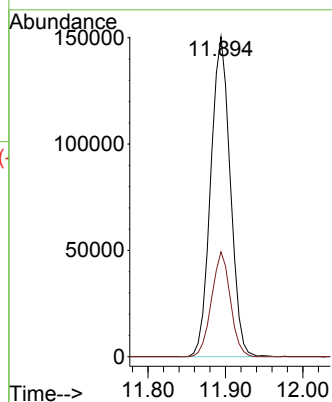
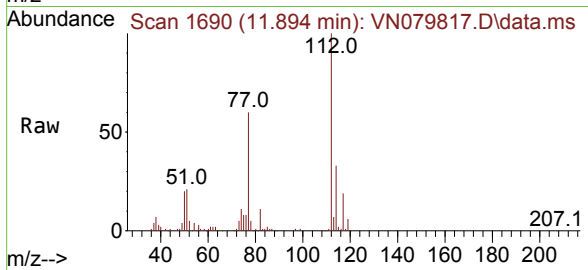




#65
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

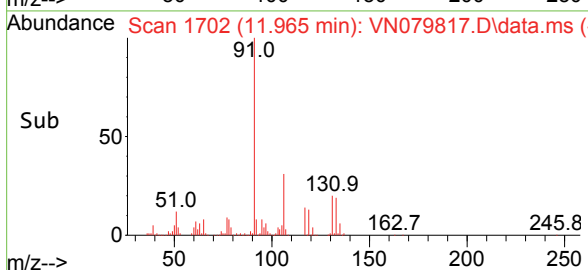
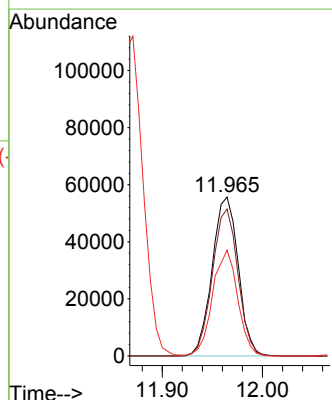
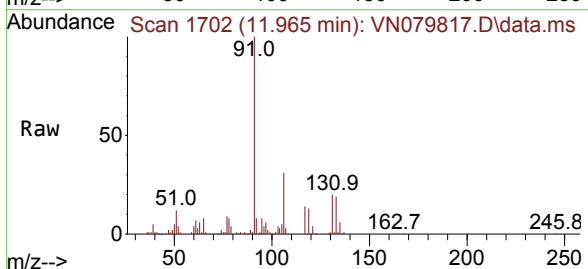
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

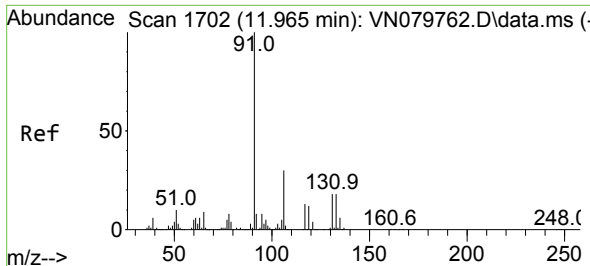
Tgt Ion:112 Resp: 264085
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.099 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:131 Resp: 100727
Ion Ratio Lower Upper
131 100
133 91.1 46.4 139.1
119 64.1 34.1 102.2

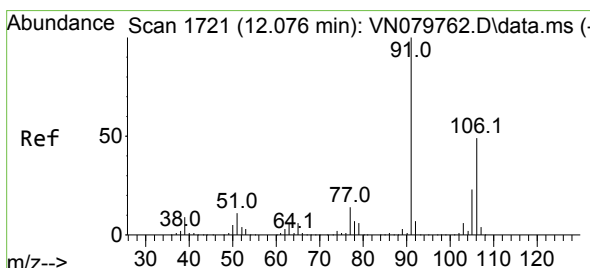
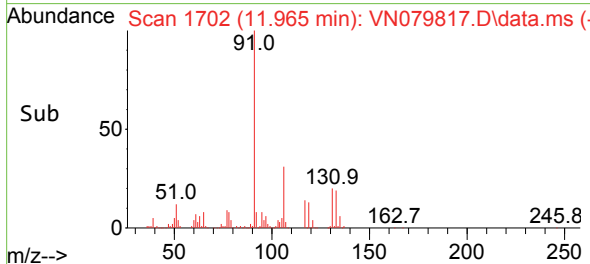
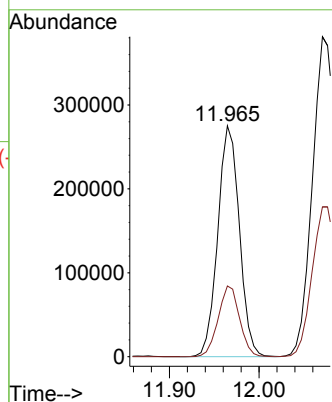
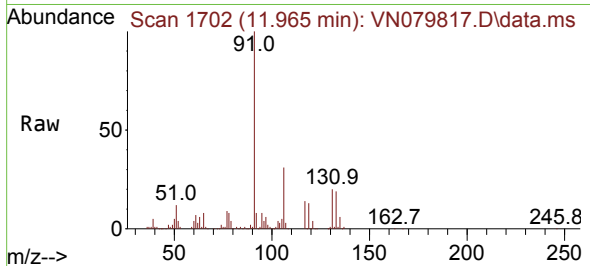




#67
Ethyl Benzene
Concen: 19.884 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

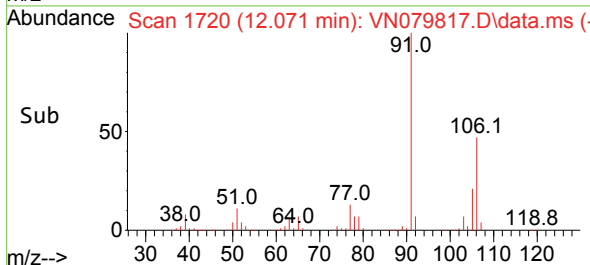
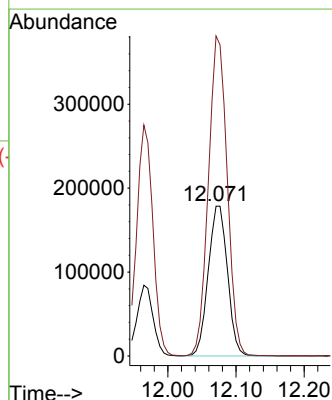
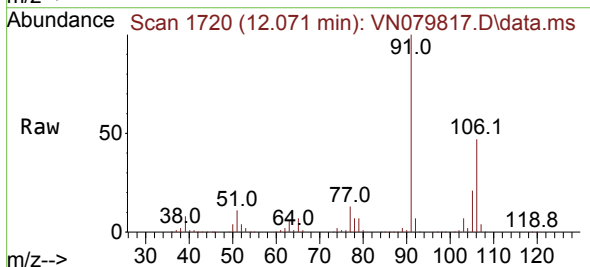
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

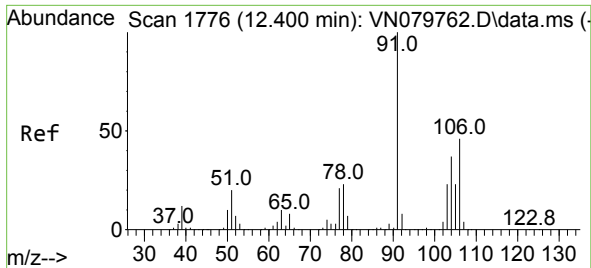
Tgt Ion: 91 Resp: 459045
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 40.745 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 106 Resp: 350405
Ion Ratio Lower Upper
106 100
91 208.7 159.6 239.4

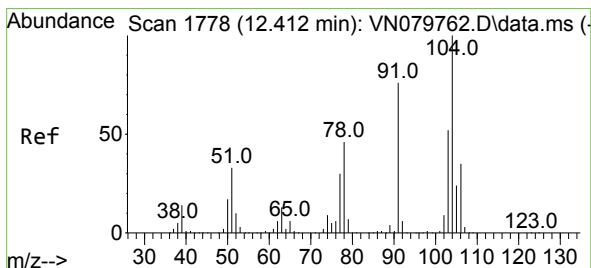
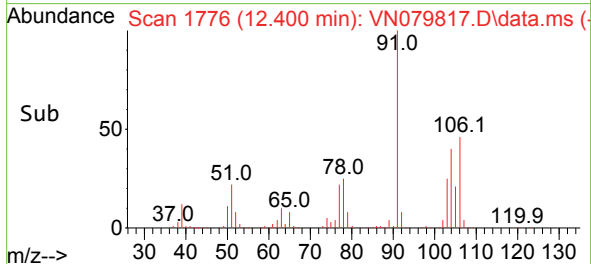
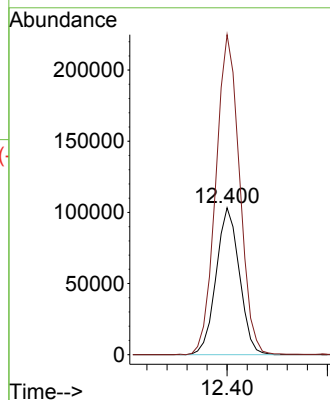
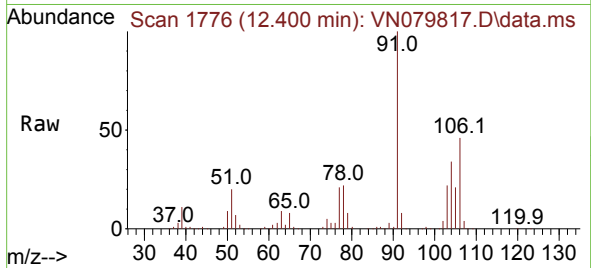




#69
o-Xylene
Concen: 20.090 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

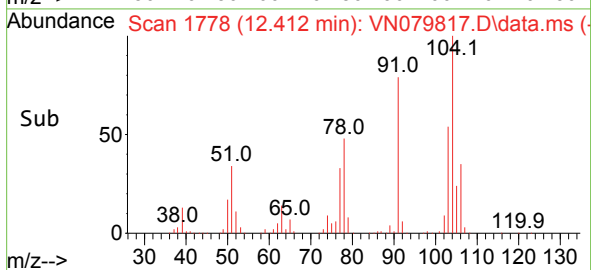
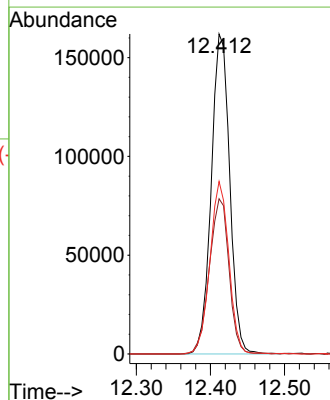
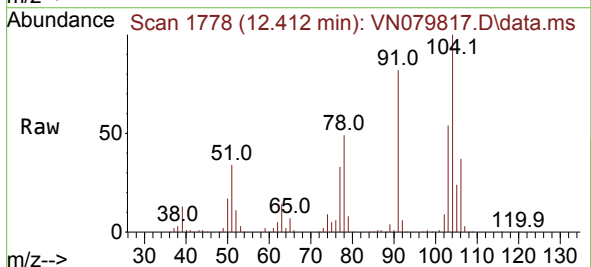
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

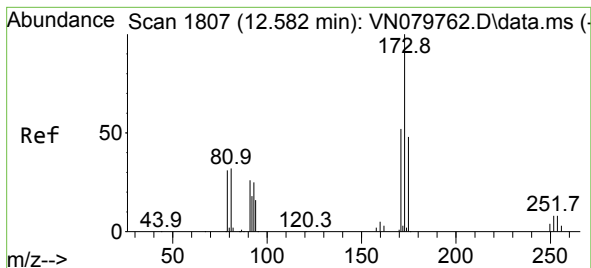
Tgt Ion:106 Resp: 166369
Ion Ratio Lower Upper
106 100
91 223.0 105.2 315.5



#70
Styrene
Concen: 21.086 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion:104 Resp: 280630
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 20.021 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

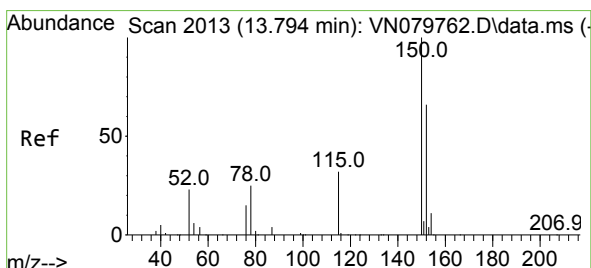
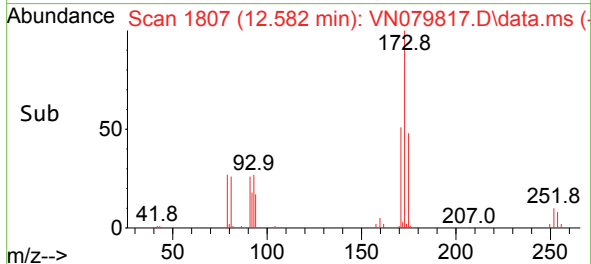
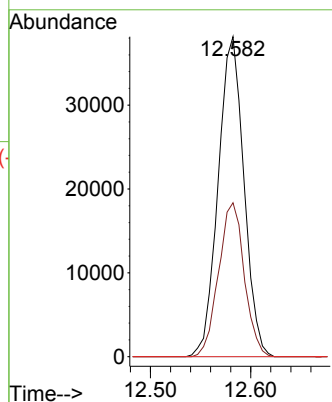
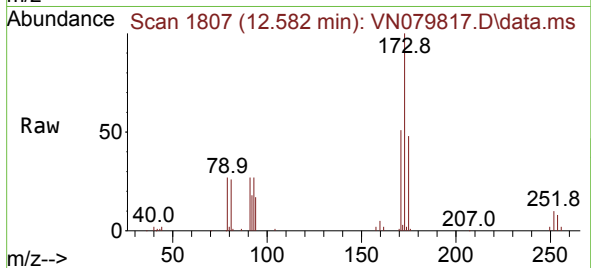
Tgt Ion:173 Resp: 67870

Ion Ratio Lower Upper

173 100

175 48.0 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: VN079817.D

Acq: 03 Nov 2023 01:57

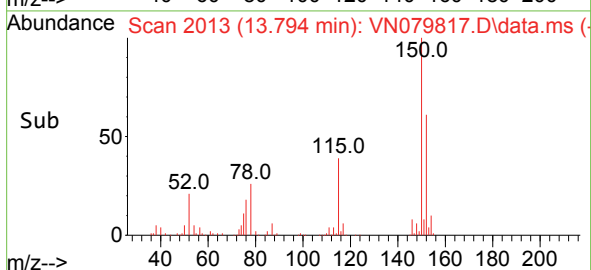
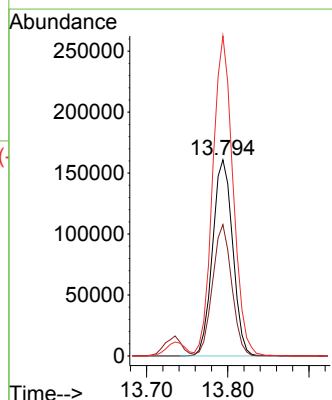
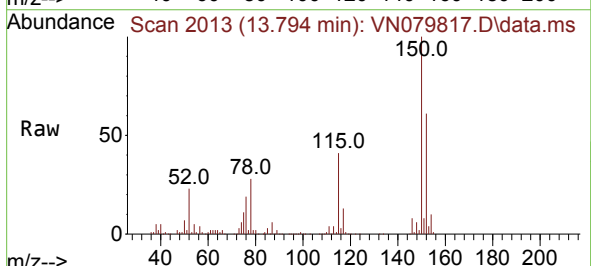
Tgt Ion:152 Resp: 277212

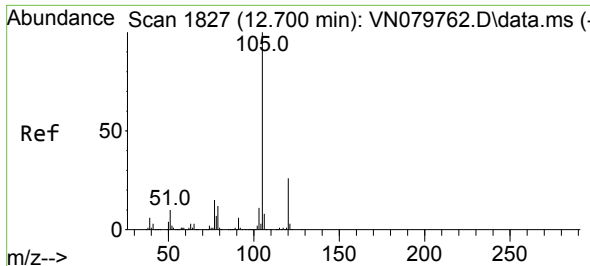
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 164.2 0.0 355.8

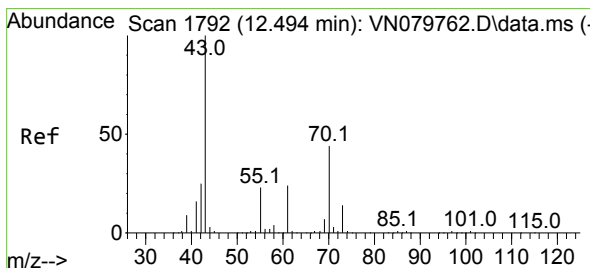
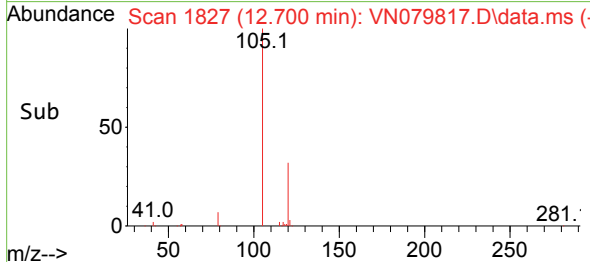
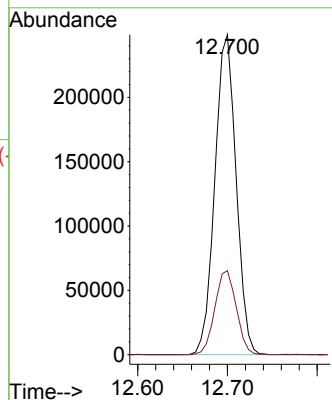
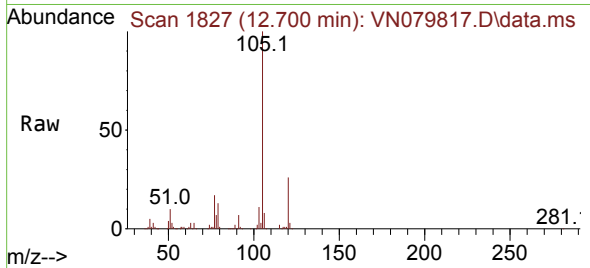




#73
Isopropylbenzene
Concen: 19.448 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

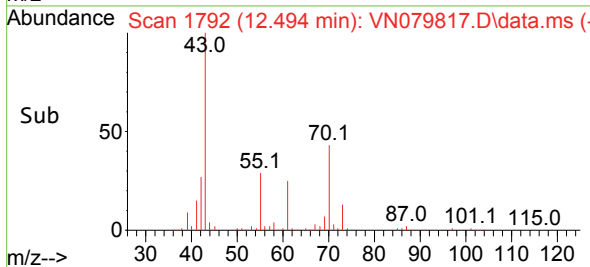
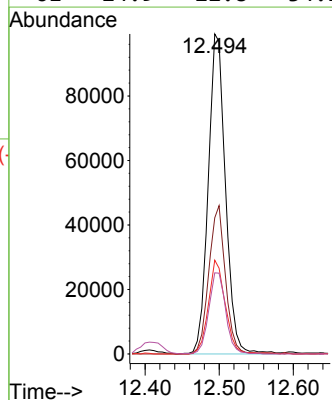
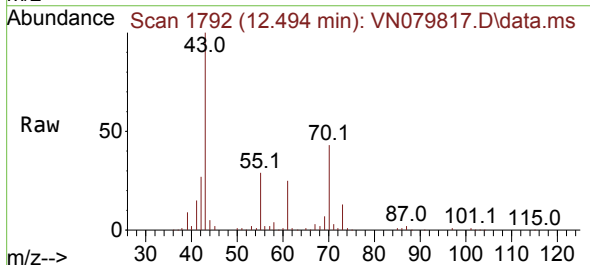
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

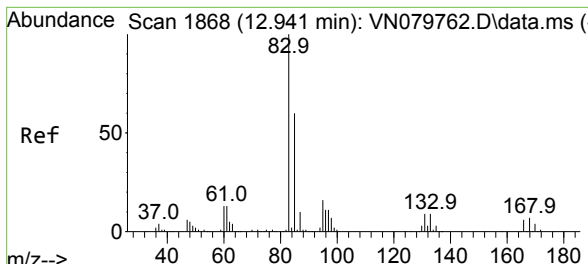
Tgt Ion:105 Resp: 409150
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 17.520 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 43 Resp: 160888
Ion Ratio Lower Upper
43 100
70 44.8 43.4 65.2
55 28.5 21.4 32.0
61 24.9 22.8 34.2

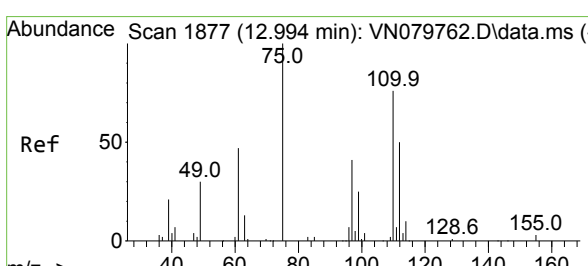
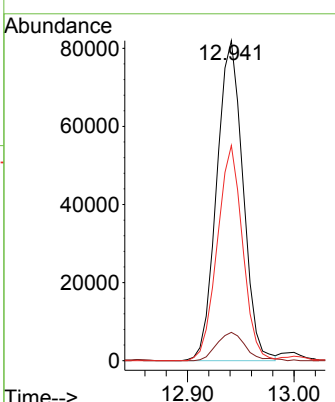
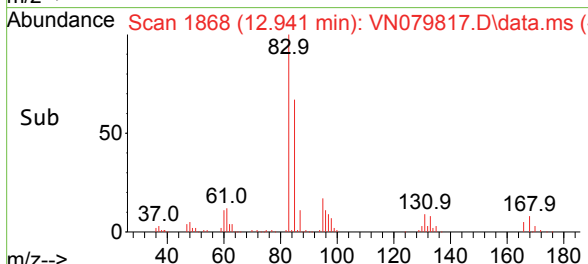
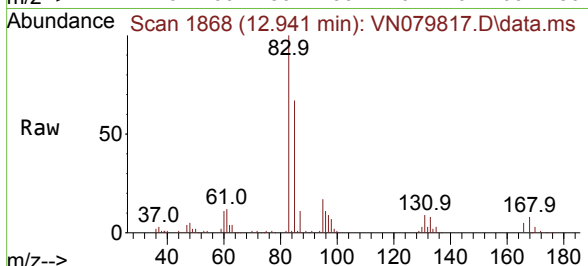




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.825 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

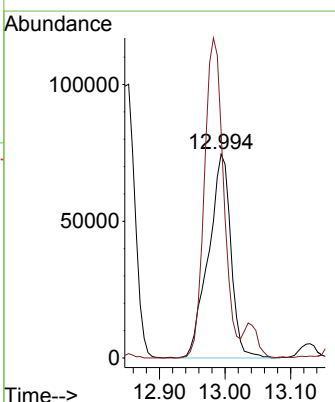
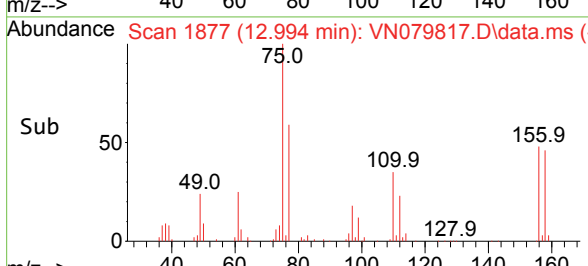
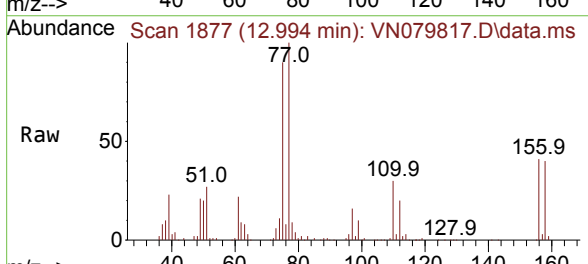
Instrument : MSVOA_N
 ClientSampleId : VN1102WBS02

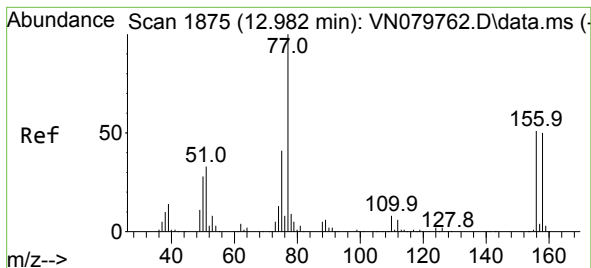
Tgt Ion:	83	Resp:	140425
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.7	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.222 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

Tgt Ion:	75	Resp:	177162
Ion Ratio	Lower	Upper	
75	100		
77	134.8	84.5	253.5





#77

Bromobenzene

Concen: 19.829 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

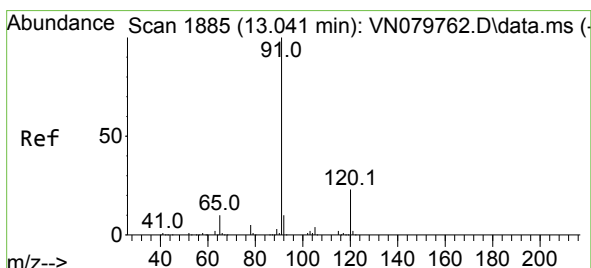
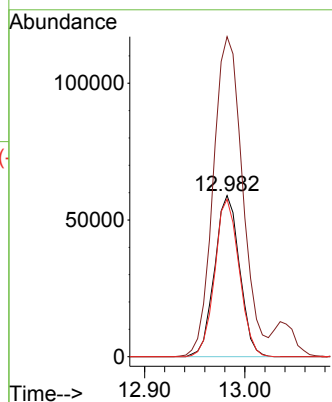
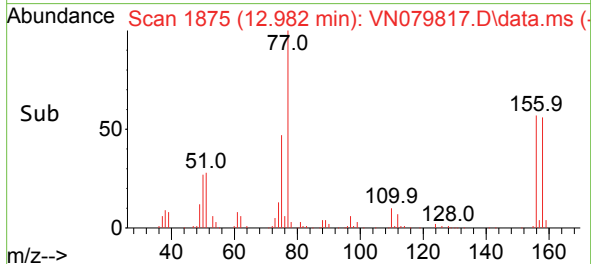
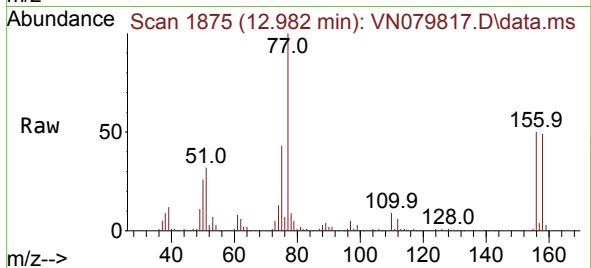
Tgt Ion:156 Resp: 102136

Ion Ratio Lower Upper

156 100

77 233.9 107.7 323.3

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.539 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079817.D

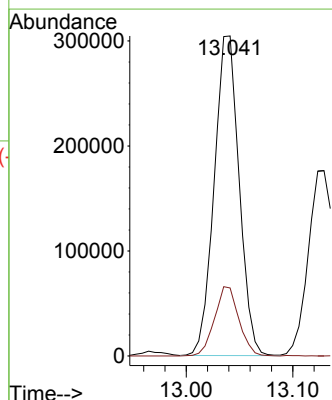
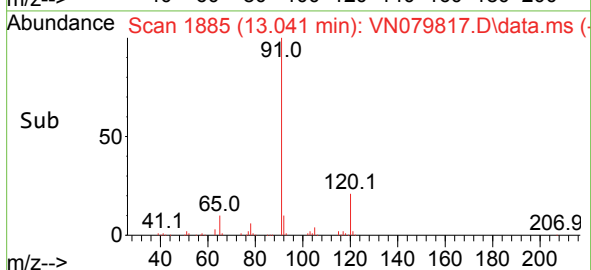
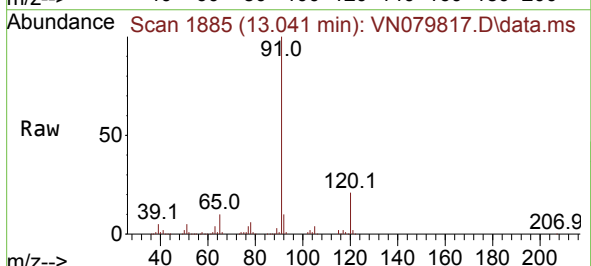
Acq: 03 Nov 2023 01:57

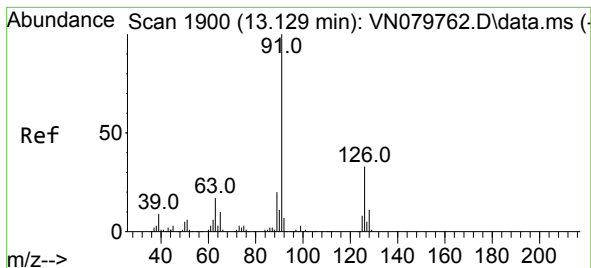
Tgt Ion: 91 Resp: 494848

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

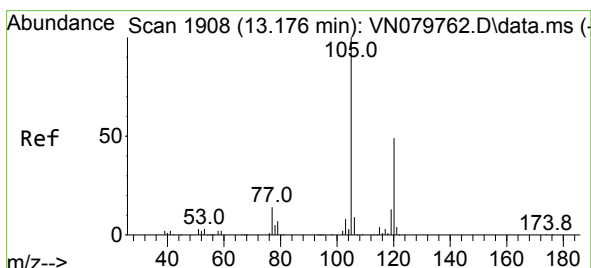
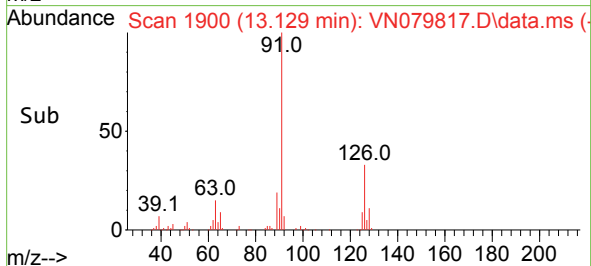
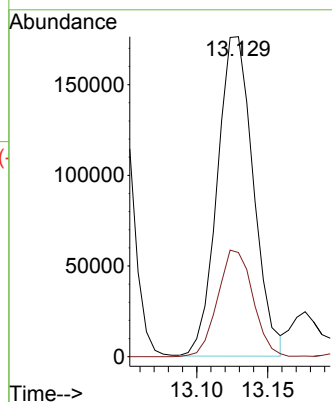
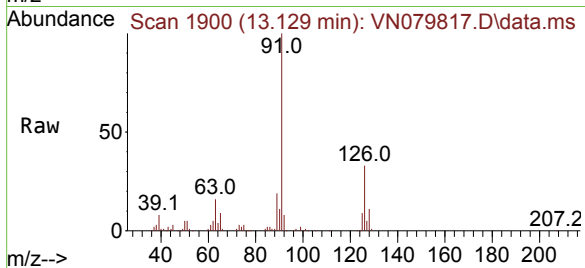




#79
2-Chlorotoluene
Concen: 20.248 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

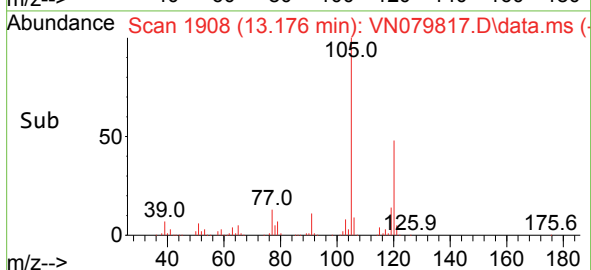
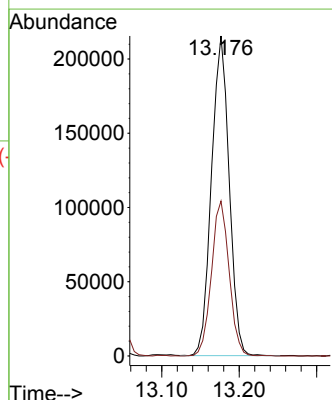
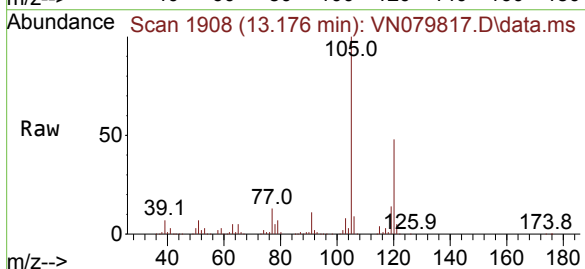
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

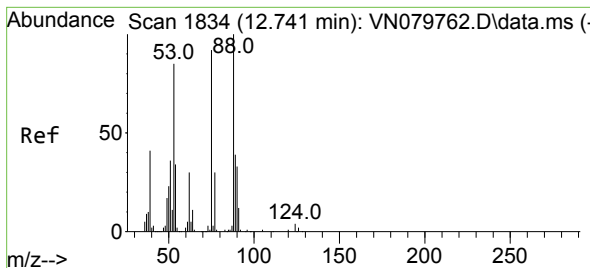
Tgt Ion: 91 Resp: 311641
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.835 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 105 Resp: 341039
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

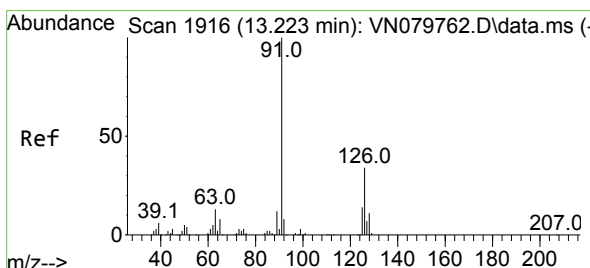
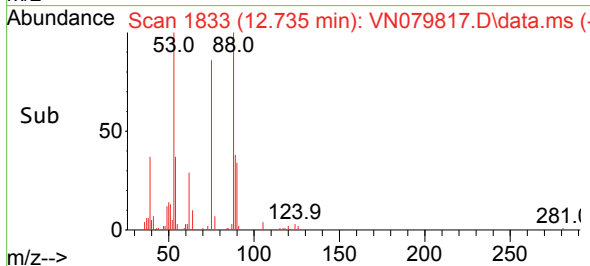
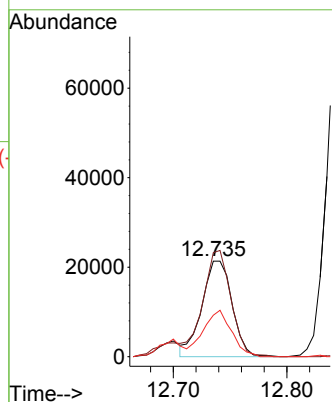
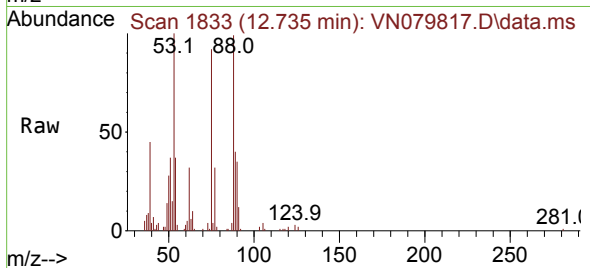




#81
trans-1,4-Dichloro-2-butene
Concen: 16.518 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

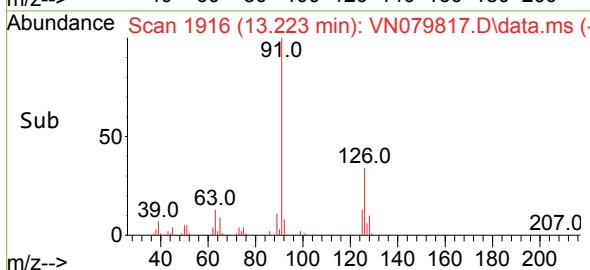
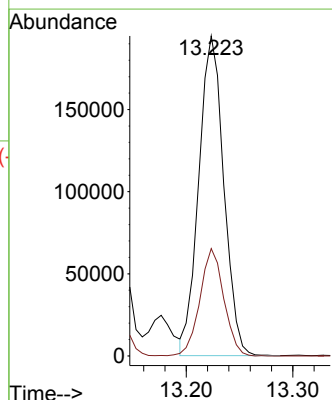
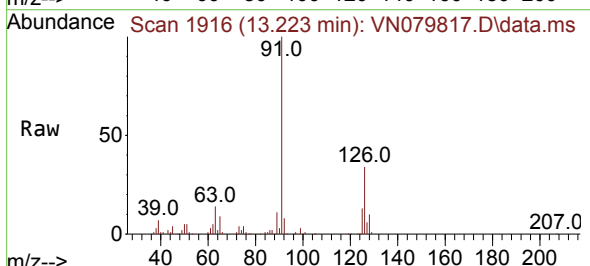
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

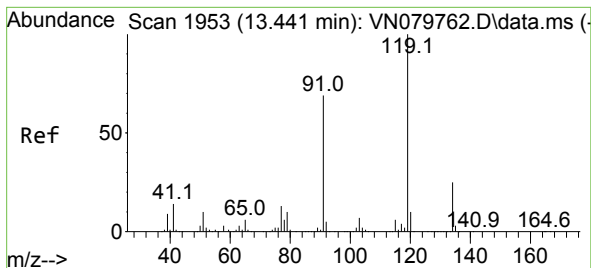
Tgt Ion: 75 Resp: 39512
Ion Ratio Lower Upper
75 100
53 116.6 67.4 101.2#
89 45.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.752 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 91 Resp: 317388
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.012 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

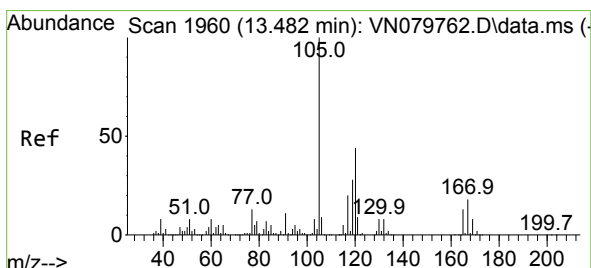
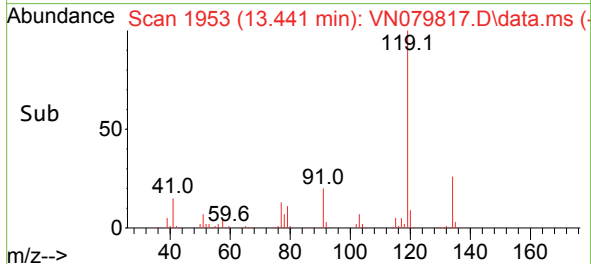
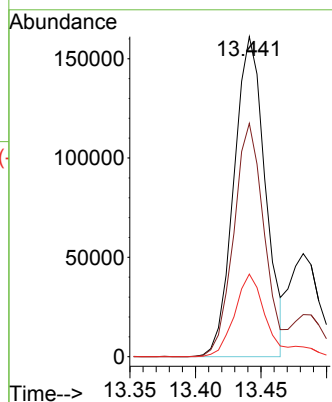
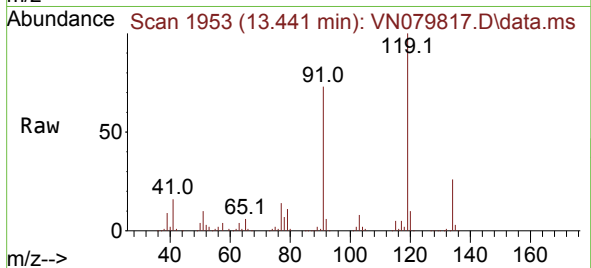
Tgt Ion:119 Resp: 268134

Ion Ratio Lower Upper

119 100

91 71.9 33.9 101.7

134 27.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.366 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079817.D

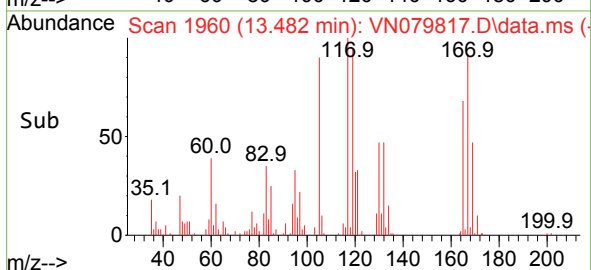
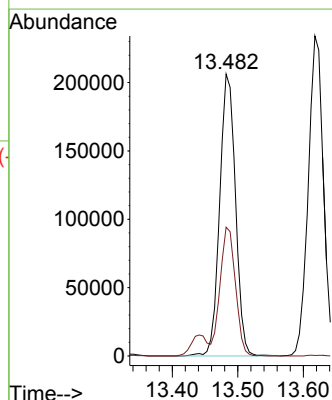
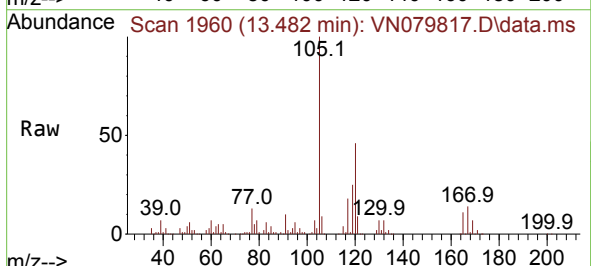
Acq: 03 Nov 2023 01:57

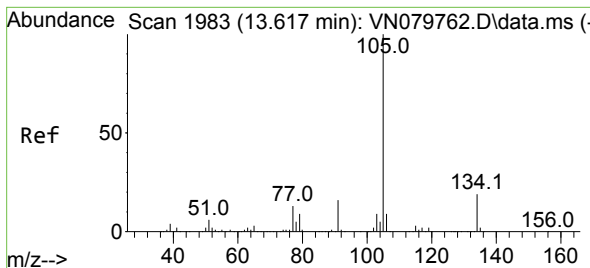
Tgt Ion:105 Resp: 344086

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0

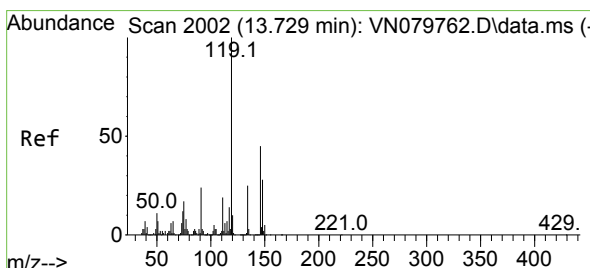
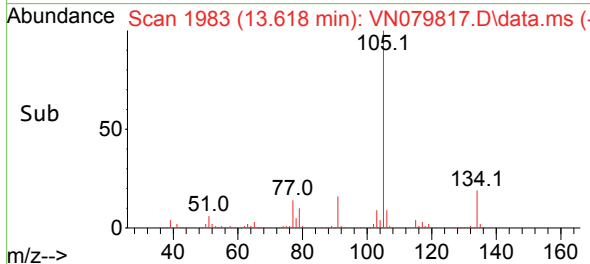
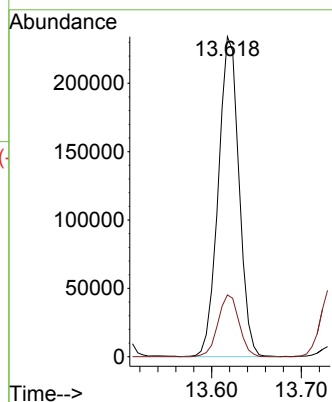
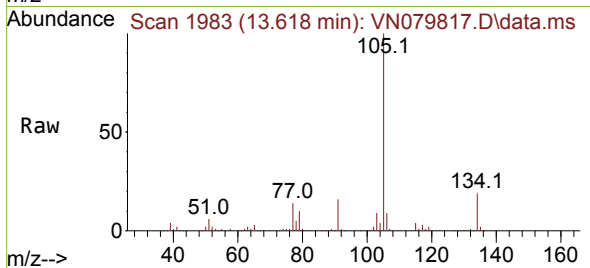




#85
 sec-Butylbenzene
 Concen: 20.229 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

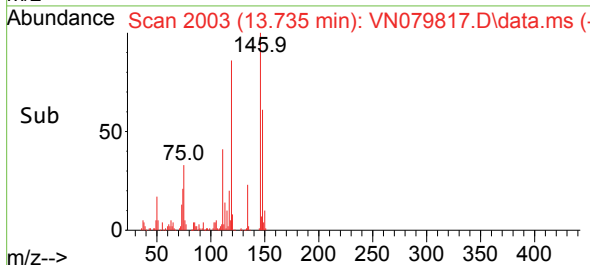
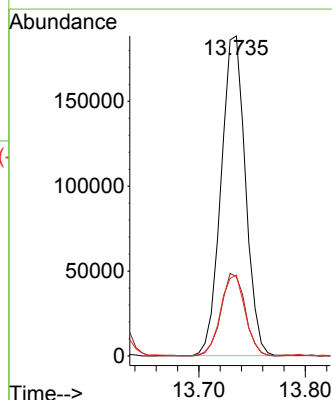
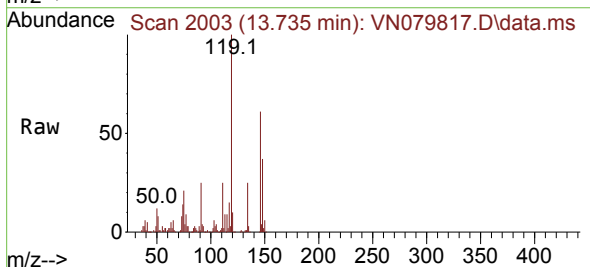
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS02

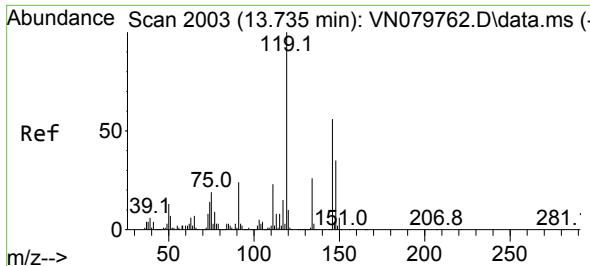
Tgt Ion:105 Resp: 375509
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.751 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

Tgt Ion:119 Resp: 298929
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.3 12.4 37.2

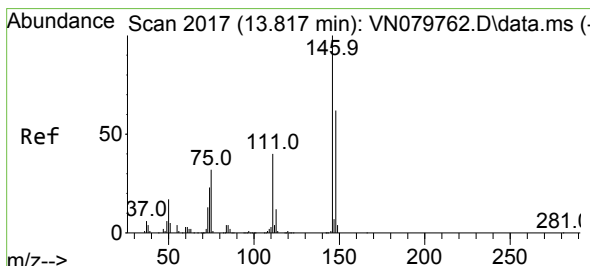
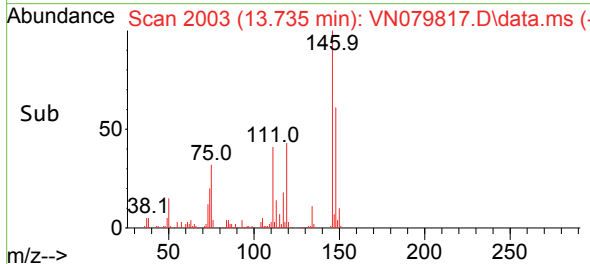
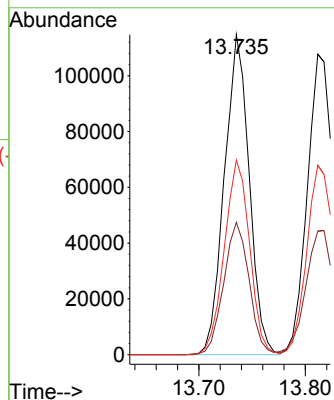
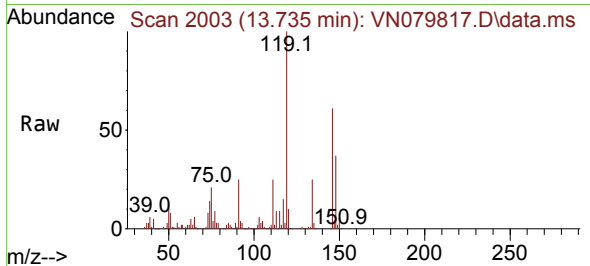




#87
 1,3-Dichlorobenzene
 Concen: 19.390 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

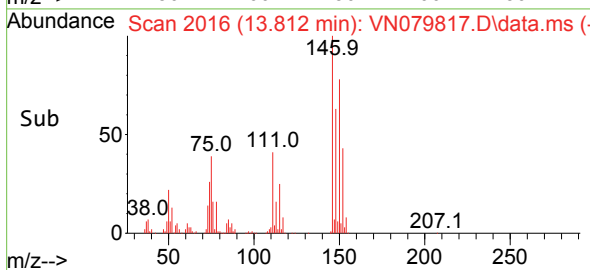
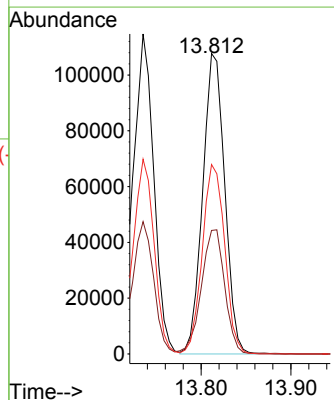
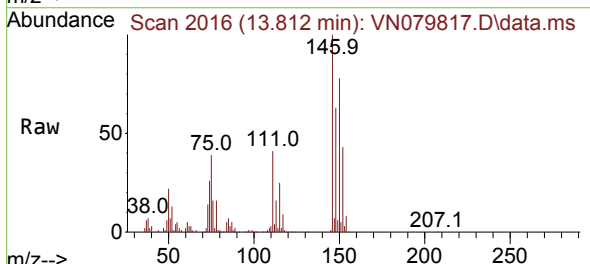
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS02

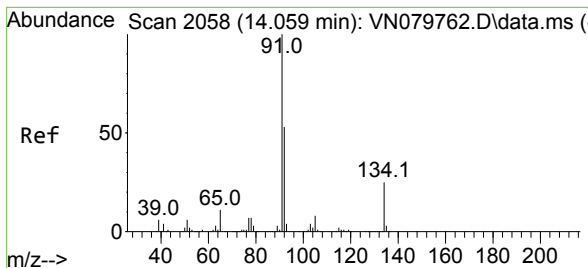
Tgt Ion:146 Resp: 185794
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.3
 148 62.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.899 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079817.D
 Acq: 03 Nov 2023 01:57

Tgt Ion:146 Resp: 183815
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.6 61.8
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 18.830 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

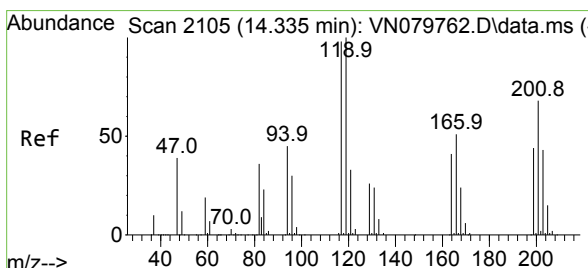
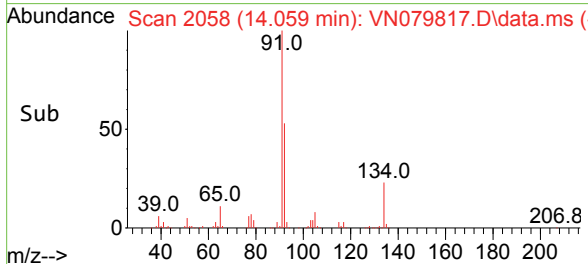
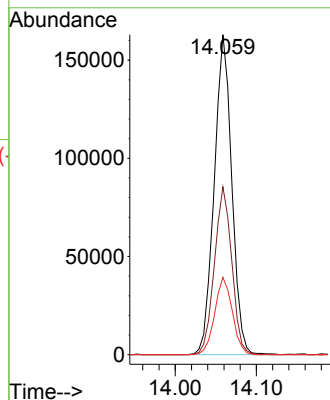
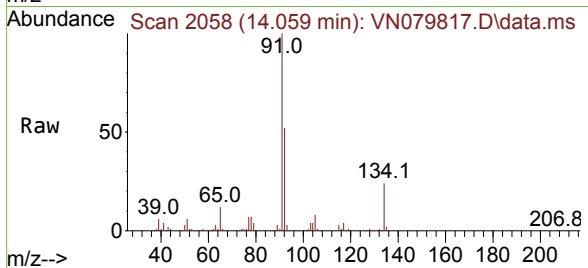
Tgt Ion: 91 Resp: 245459

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 24.2 12.6 37.6



#90

Hexachloroethane

Concen: 19.579 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079817.D

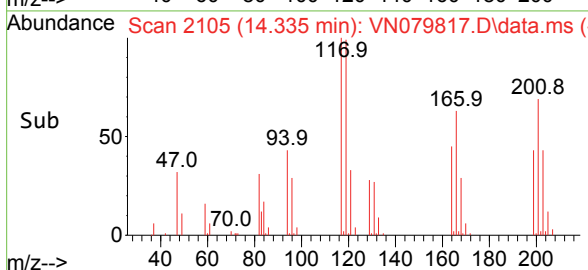
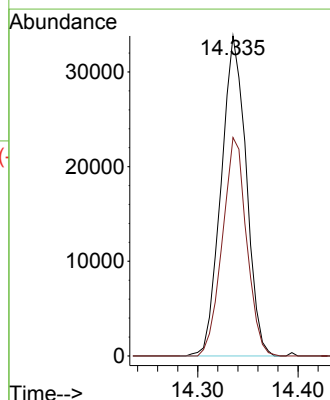
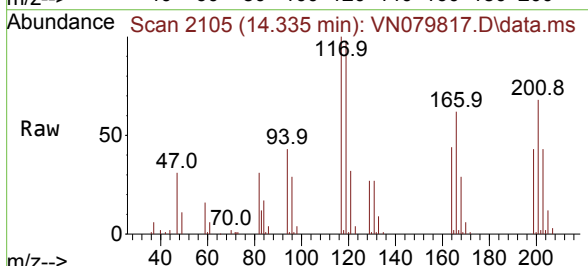
Acq: 03 Nov 2023 01:57

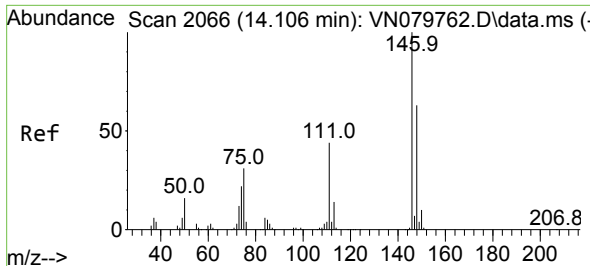
Tgt Ion: 117 Resp: 58685

Ion Ratio Lower Upper

117 100

201 66.0 29.3 88.0

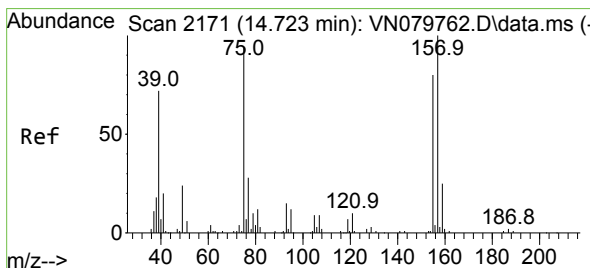
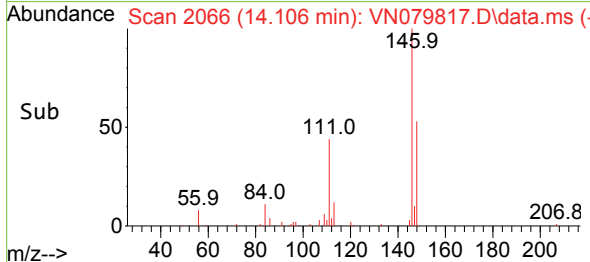
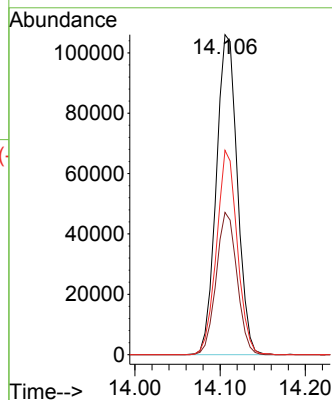
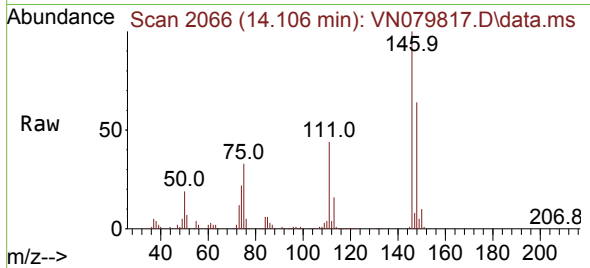




#91
1,2-Dichlorobenzene
Concen: 20.103 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

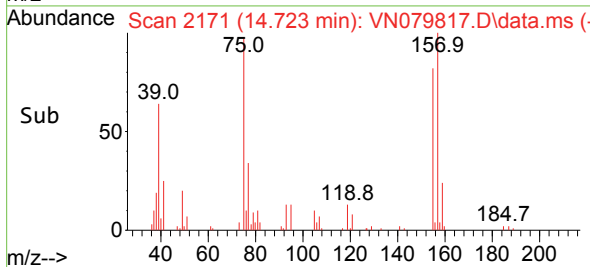
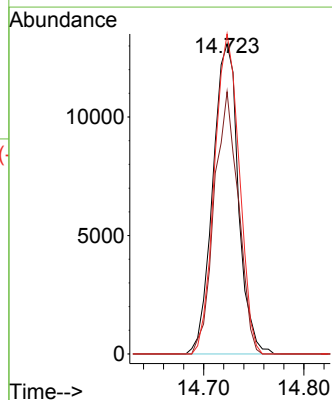
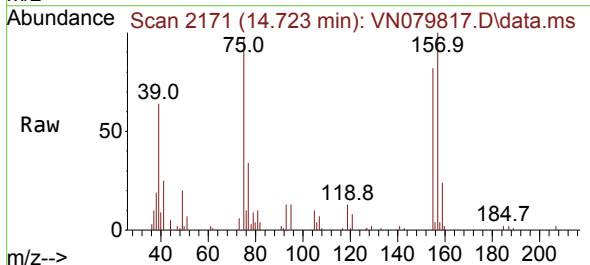
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS02

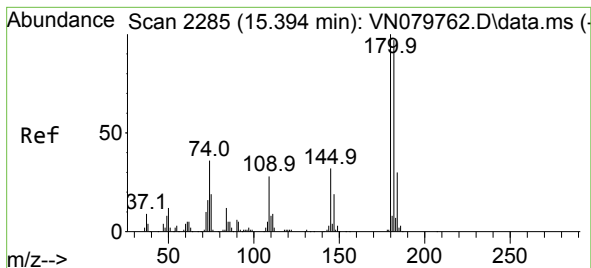
Tgt Ion:146 Resp: 181844
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.245 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079817.D
Acq: 03 Nov 2023 01:57

Tgt Ion: 75 Resp: 23080
Ion Ratio Lower Upper
75 100
155 80.3 39.1 117.2
157 100.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.386 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

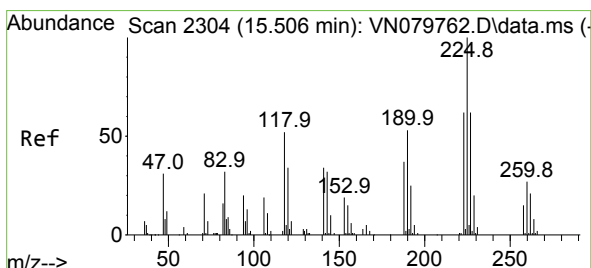
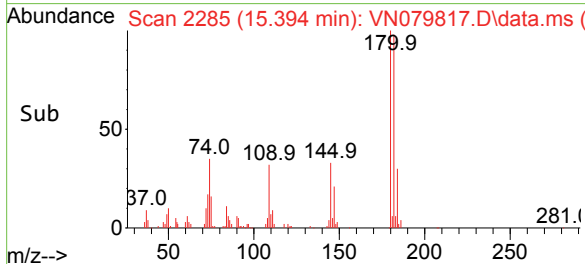
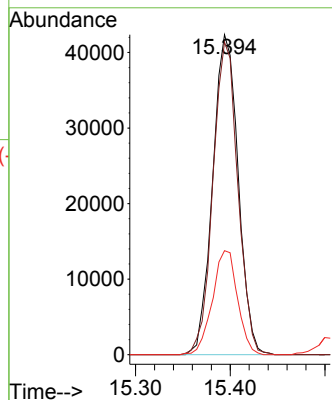
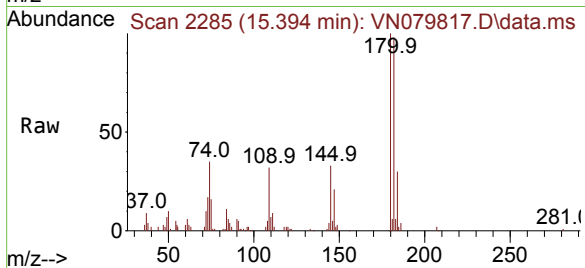
Tgt Ion:180 Resp: 79079

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.588 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

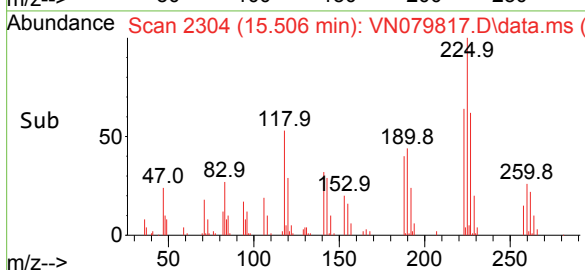
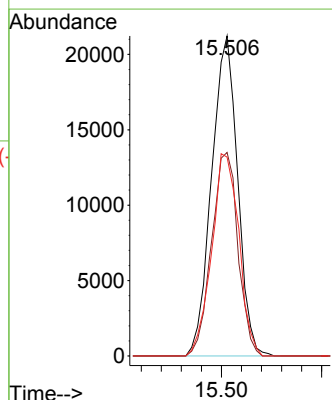
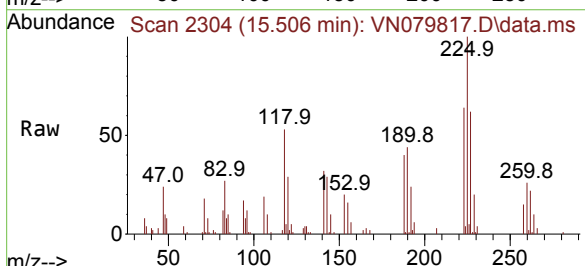
Tgt Ion:225 Resp: 38191

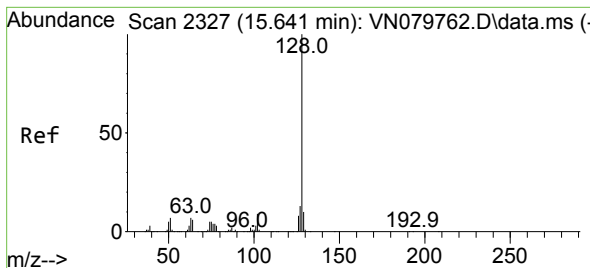
Ion Ratio Lower Upper

225 100

223 64.5 31.3 93.8

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 15.021 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS02

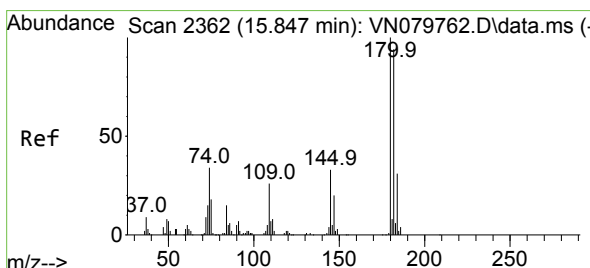
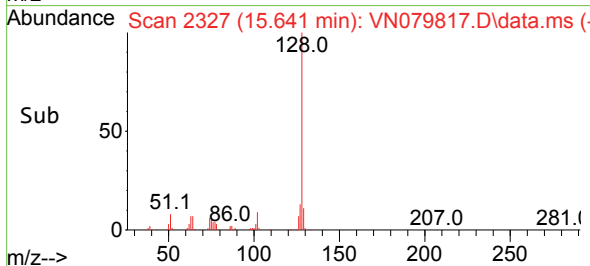
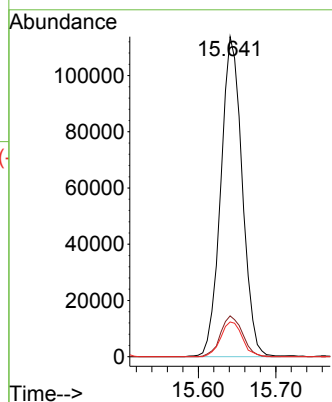
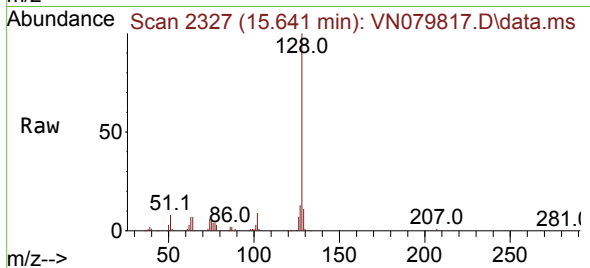
Tgt Ion:128 Resp: 219100

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.155 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079817.D

Acq: 03 Nov 2023 01:57

Tgt Ion:180 Resp: 76542

Ion Ratio Lower Upper

180 100

182 94.9 46.2 138.6

145 33.7 17.5 52.6

