

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073482.D
 Acq On : 15 Jul 2022 13:42
 Operator : JC\MD
 Sample : N3726-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM

Quant Time: Jul 16 04:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	288138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	476135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	464859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	265003	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	179390	43.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.260%
35) Dibromofluoromethane	7.951	113	152043	47.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	10.380	98	540674	48.056	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.668	95	249268	57.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.300%

Target Compounds				Qvalue		
6) Chloroethane	2.981	64	525	0.257	ug/l #	42
13) Acrolein	3.922	56	36076	56.643	ug/l #	1
14) Allyl chloride	4.869	41	51601	7.221	ug/l #	75
15) Acrylonitrile	5.528	53	24201	9.330	ug/l #	38
16) Acetone	4.216	43	104280	44.662	ug/l #	84
17) Carbon Disulfide	4.457	76	1760	0.200	ug/l #	75
18) Methyl Acetate	4.845	43	27514	4.205	ug/l #	48
20) Methylene Chloride	4.875	84	14645	3.569	ug/l #	16
23) Vinyl Acetate	6.381	43	22431	1.879	ug/l #	75
24) 1,1-Dichloroethane	6.304	63	2470	0.358	ug/l #	82
25) 2-Butanone	7.269	43	55479	14.924	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	13440	2.106	ug/l #	53
28) Bromochloromethane	7.763	49	3976	1.376	ug/l #	8
29) Tetrahydrofuran	7.604	42	672	0.264	ug/l #	29
30) Chloroform	7.769	83	13739	1.977	ug/l	96
31) Cyclohexane	8.022	56	684328	100.454	ug/l	90
36) 1,1-Dichloropropene	8.016	75	25851	5.304	ug/l #	71
37) Ethyl Acetate	7.269	43	55479	7.533	ug/l #	67
38) Carbon Tetrachloride	8.010	117	29480	5.848	ug/l #	16
39) Methylcyclohexane	9.392	83	650606	107.212	ug/l	92
41) Methacrylonitrile	7.610	41	12668	3.547	ug/l #	16
43) Isopropyl Acetate	8.486	43	112462	10.625	ug/l #	53
45) 1,2-Dichloropropane	9.392	63	9491	2.475	ug/l #	1
46) Dibromomethane	9.463	93	678	0.260	ug/l #	1
47) Bromodichloromethane	9.680	83	14529	2.882	ug/l #	26
48) Methyl methacrylate	9.575	41	105854	21.599	ug/l #	73
51) 4-Methyl-2-Pentanone	10.380	43	12032	1.793	ug/l	93
52) Toluene	10.445	92	5987072	644.017	ug/l	97
53) t-1,3-Dichloropropene	10.439	75	74275	13.381	ug/l #	1
54) cis-1,3-Dichloropropene	9.916	75	1248	0.208	ug/l #	1
55) 1,1,2-Trichloroethane	10.816	97	78978	20.636	ug/l #	20
56) Ethyl methacrylate	10.722	69	16594	2.683	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.969	63	2327	0.843	ug/l #	44
59) 2-Hexanone	11.022	43	8512	1.664	ug/l	76
67) Ethyl Benzene	11.780	91	21172118	1109.258	ug/l #	76
68) m/p-Xylenes	11.892	106	25153918	3491.989	ug/l #	1

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

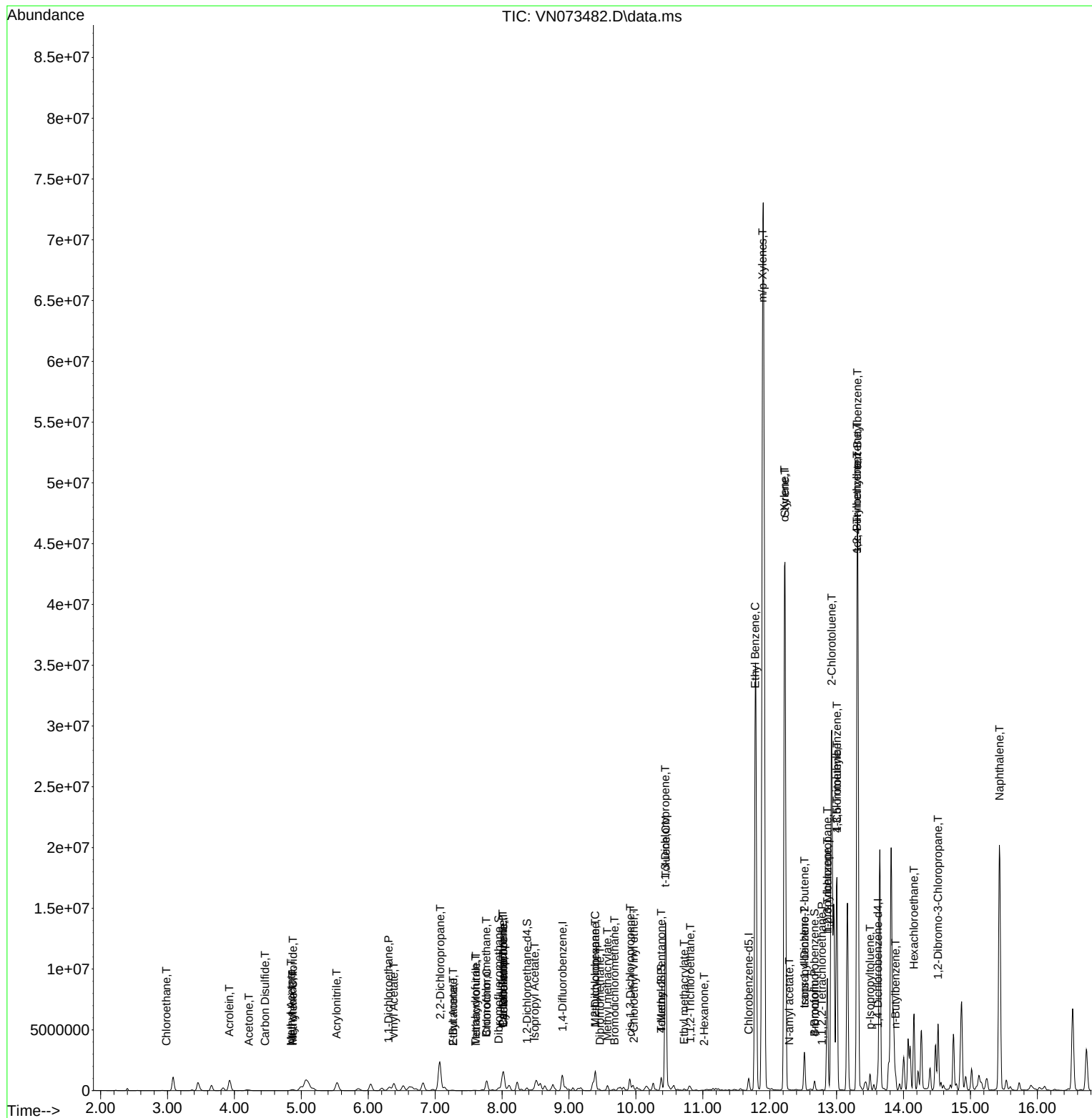
69) o-Xylene	12.221	106	13118042	1783.894	ug/l #	1
70) Styrene	12.227	104	726747	64.012	ug/l #	1
71) Bromoform	12.668	173	1212	0.428	ug/l #	28
73) Isopropylbenzene	12.521	105	2106166	92.036	ug/l	99
74) N-amyl acetate	12.292	43	5372	0.469	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.780	83	5636	0.742	ug/l #	25
76) 1,2,3-Trichloropropane	12.863	75	47487	6.853	ug/l #	1
78) n-propylbenzene	12.863	91	7542132	296.673	ug/l	96
79) 2-Chlorotoluene	12.927	91	2794796	173.698	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.004	105	9224064	494.524	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.521	75	25988	10.285	ug/l #	54
82) 4-Chlorotoluene	13.004	91	1080364	69.356	ug/l #	40
83) tert-Butylbenzene	13.310	119	3685108	220.372	ug/l #	48
84) 1,2,4-Trimethylbenzene	13.304	105	21246108	1140.882	ug/l	76
85) sec-Butylbenzene	13.304	105	21246108	946.188	ug/l #	56
86) p-Isopropyltoluene	13.498	119	739652	40.777	ug/l	98
89) n-Butylbenzene	13.880	91	638043	42.212	ug/l #	77
90) Hexachloroethane	14.157	117	313021	92.598	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.515	75	22140	11.995	ug/l #	1
95) Naphthalene	15.433	128	17517540	857.690	ug/l	97

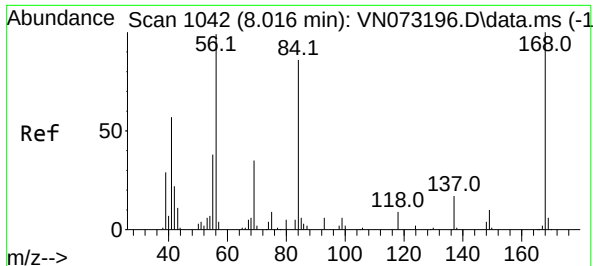
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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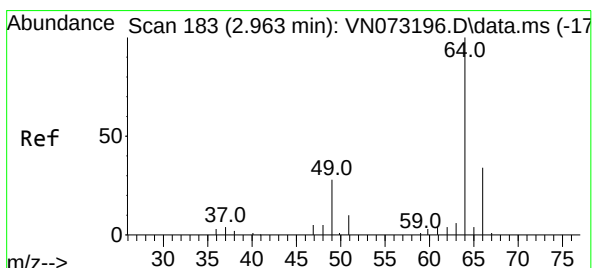
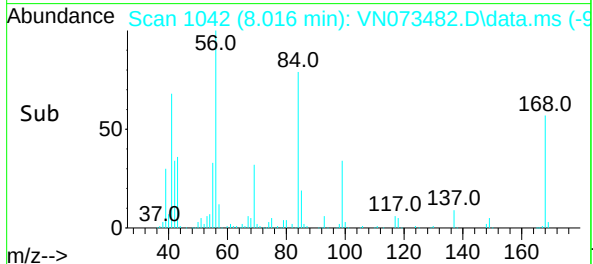
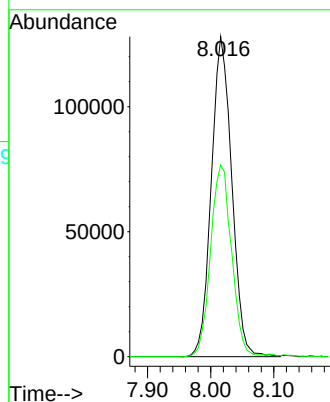
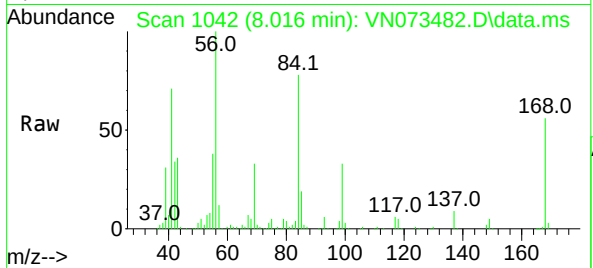




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073482.D
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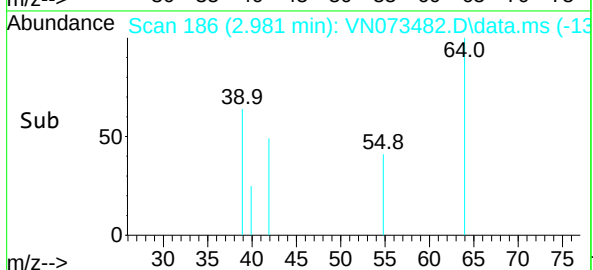
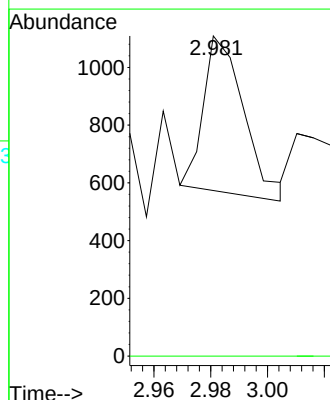
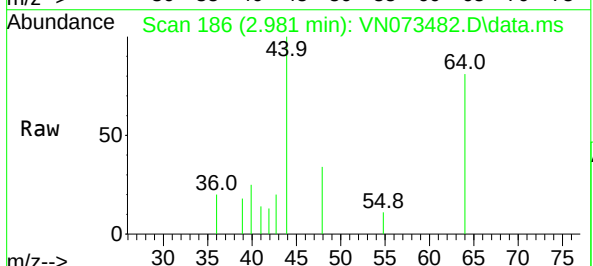
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

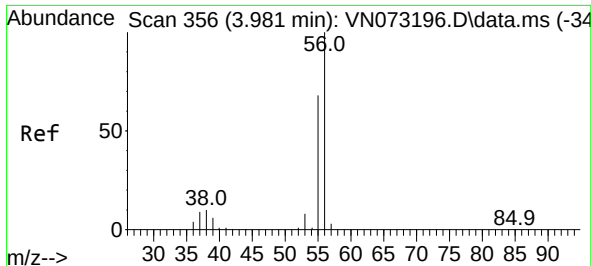
Tgt Ion:168 Resp: 288138
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#6
Chloroethane
Concen: 0.257 ug/l
RT: 2.981 min Scan# 186
Delta R.T. 0.018 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 64 Resp: 525
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#13

Acrolein

Concen: 56.643 ug/l

RT: 3.922 min Scan# 34

Delta R.T. -0.059 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

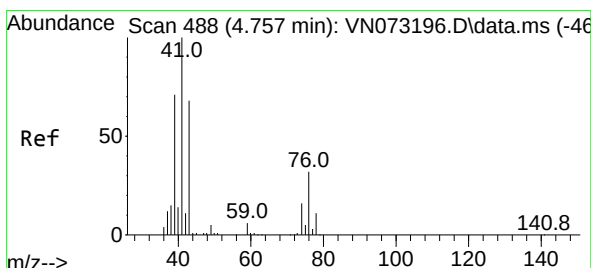
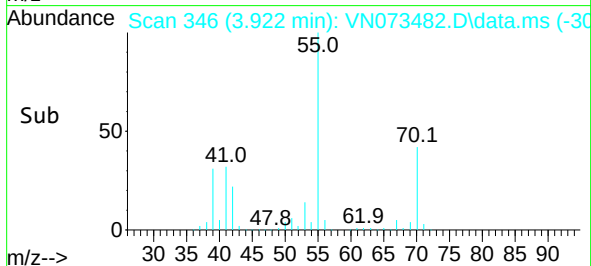
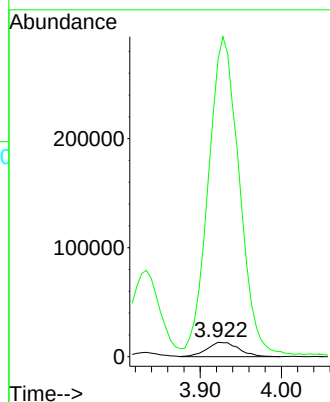
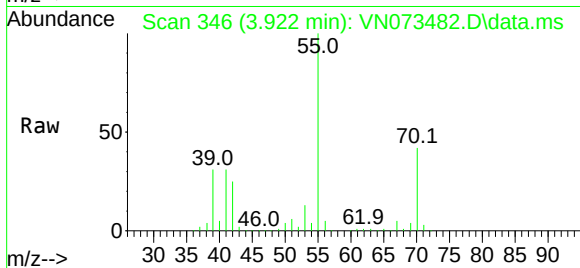
TW-ANOM

Tgt Ion: 56 Resp: 36076

Ion Ratio Lower Upper

56 100

55 2141.9 54.8 82.2#



#14

Allyl chloride

Concen: 7.221 ug/l

RT: 4.869 min Scan# 507

Delta R.T. 0.112 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

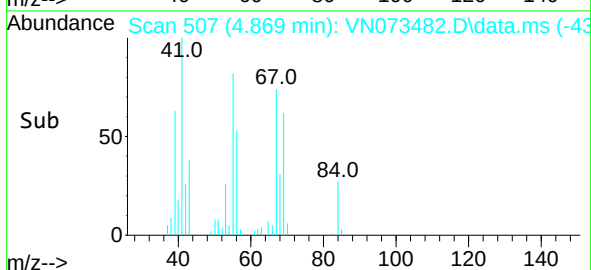
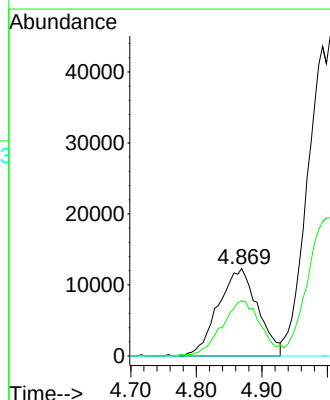
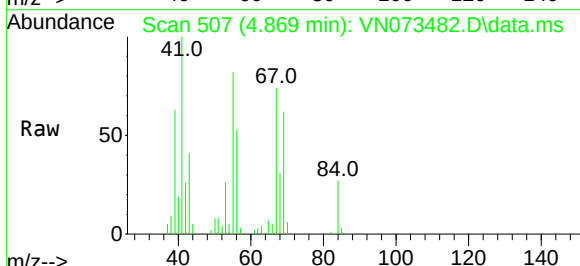
Tgt Ion: 41 Resp: 51601

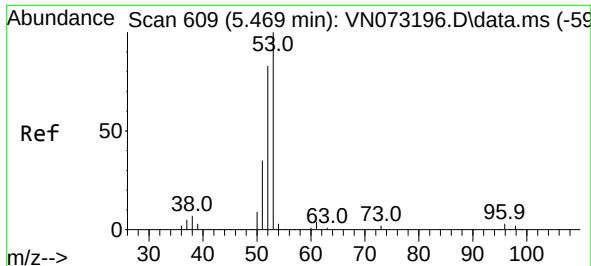
Ion Ratio Lower Upper

41 100

39 63.1 53.2 79.8

76 0.0 29.9 44.9#

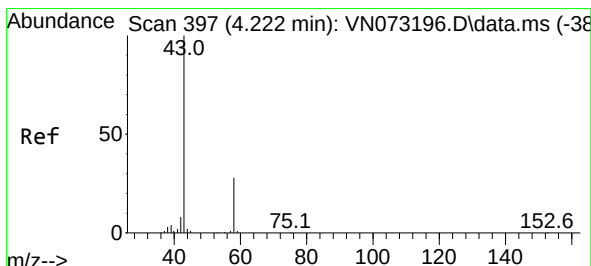
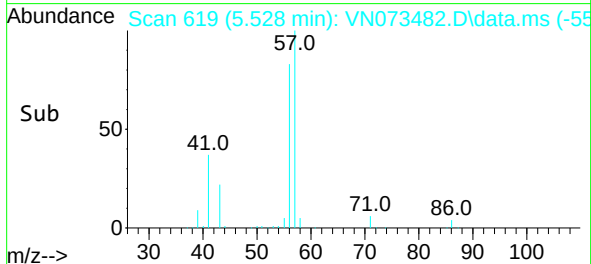
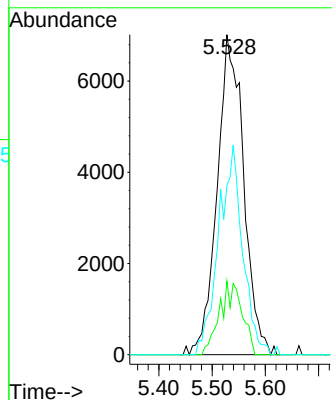
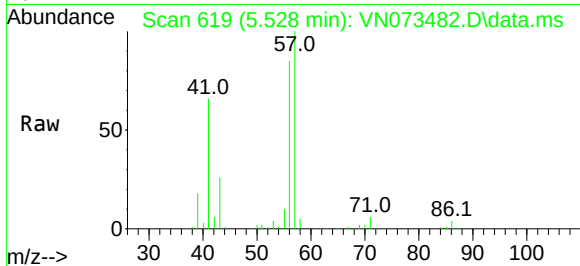




#15
Acrylonitrile
Concen: 9.330 ug/l
RT: 5.528 min Scan# 61
Delta R.T. 0.059 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

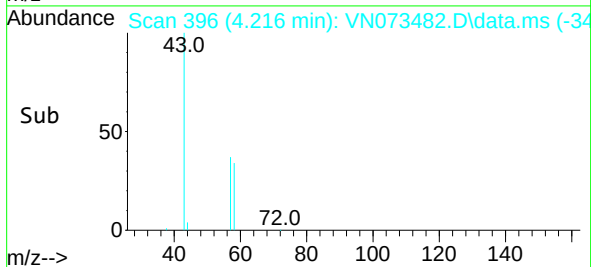
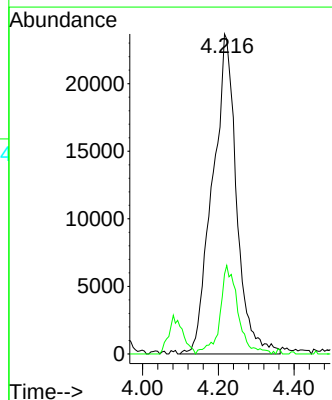
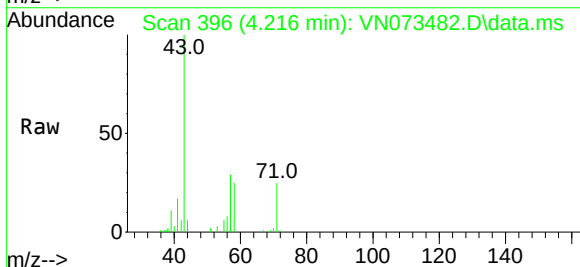
Instrument :
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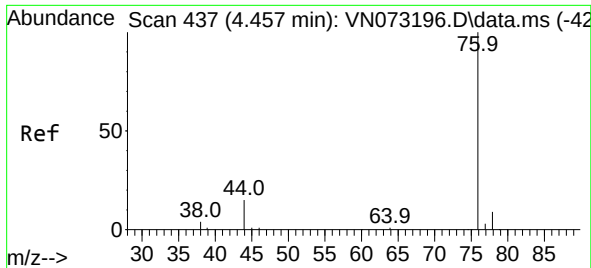
Tgt Ion: 53 Resp: 24201
Ion Ratio Lower Upper
53 100
52 19.5 66.4 99.6#
51 59.5 28.5 42.7#



#16
Acetone
Concen: 44.662 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 43 Resp: 104280
Ion Ratio Lower Upper
43 100
58 23.7 26.0 39.0#

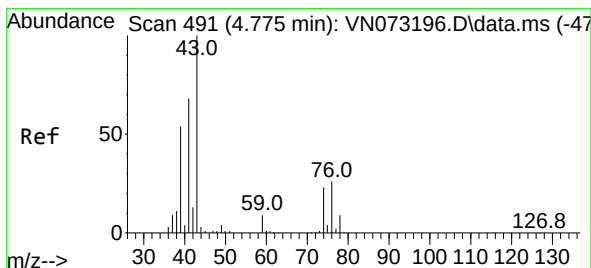
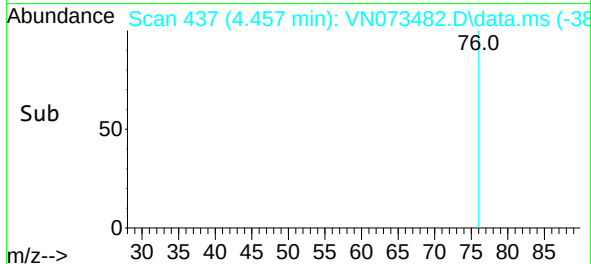
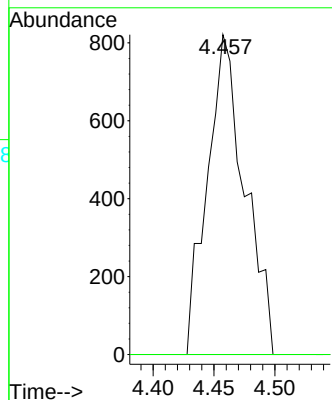
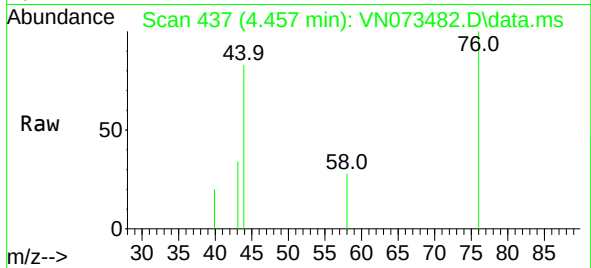




#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

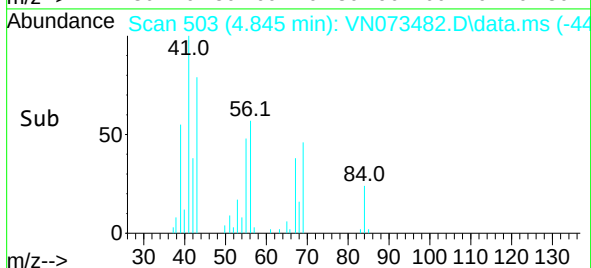
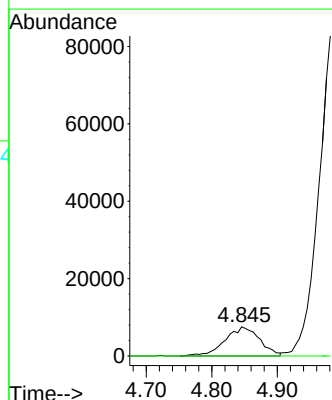
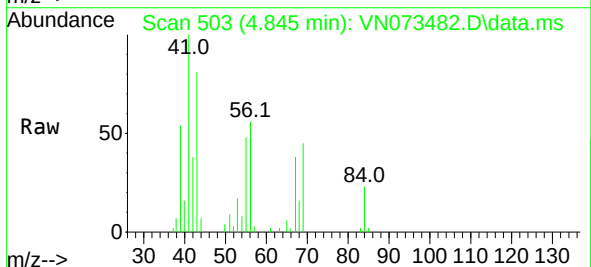
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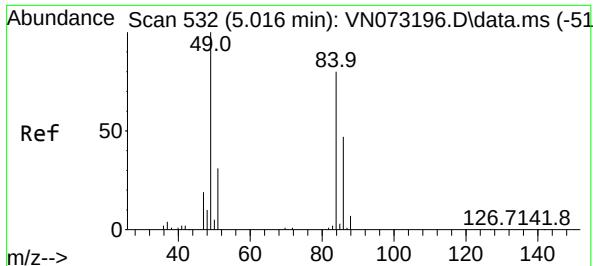
Tgt Ion: 76 Resp: 1760
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 4.205 ug/l
RT: 4.845 min Scan# 503
Delta R.T. 0.070 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 43 Resp: 27514
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

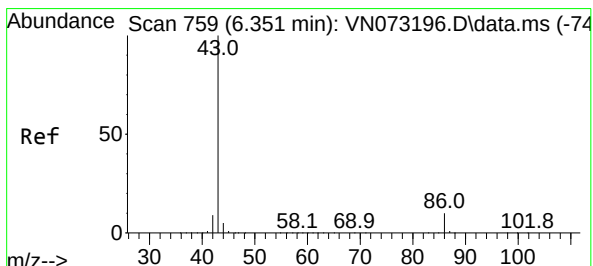
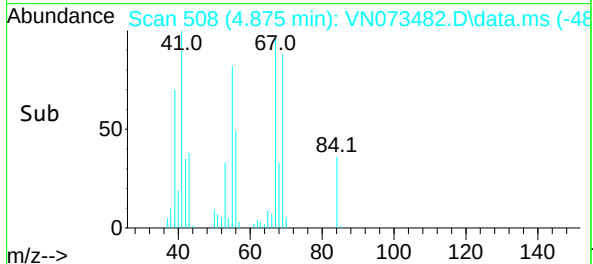
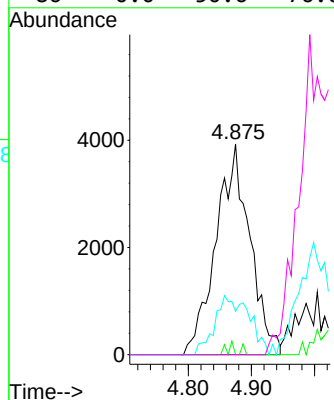
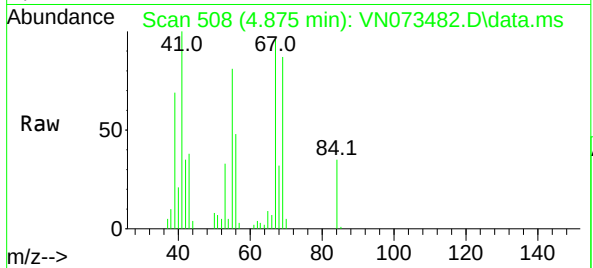




#20
Methylene Chloride
Concen: 3.569 ug/l
RT: 4.875 min Scan# 508
Delta R.T. -0.141 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

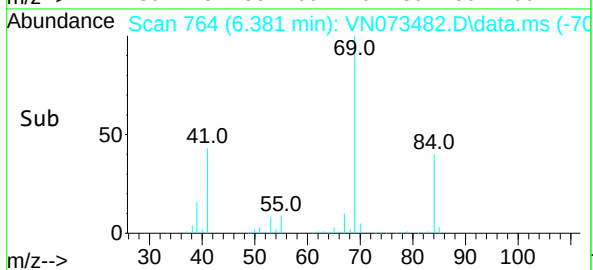
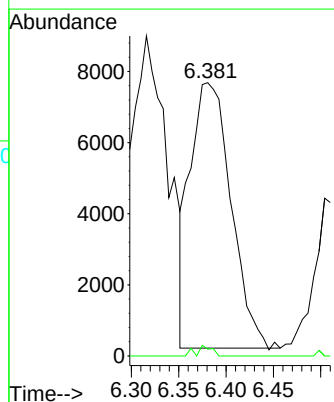
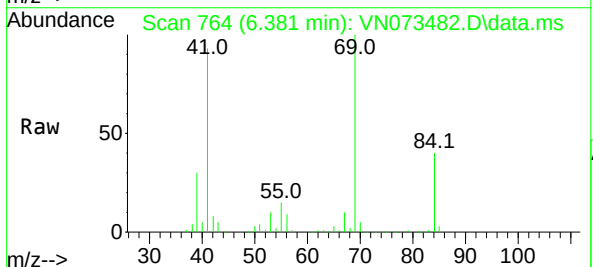
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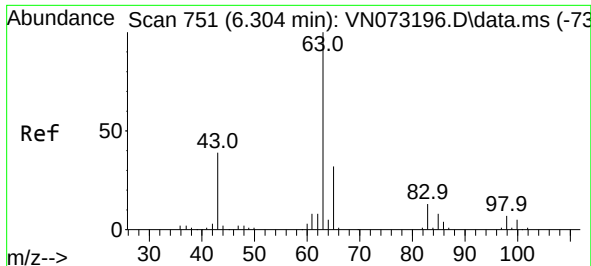
Tgt Ion:	84	Resp:	14645
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	20.6	28.2	42.2#
86	0.0	50.6	76.0#



#23
Vinyl Acetate
Concen: 1.879 ug/l
RT: 6.381 min Scan# 764
Delta R.T. 0.030 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:	43	Resp:	22431
Ion	Ratio	Lower	Upper
43	100		
86	2.6	10.0	15.0#

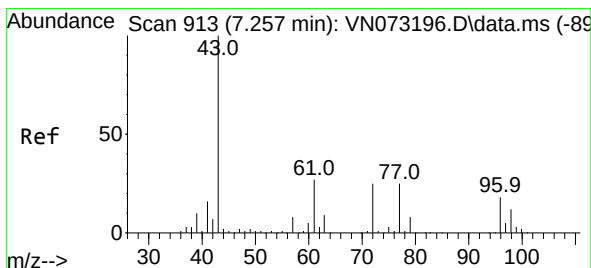
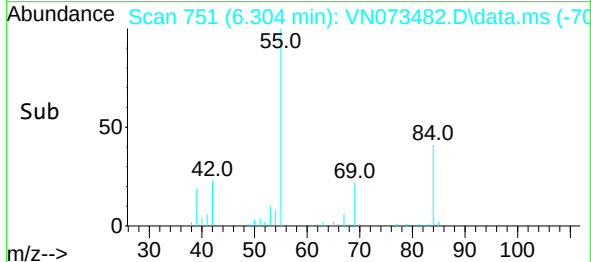
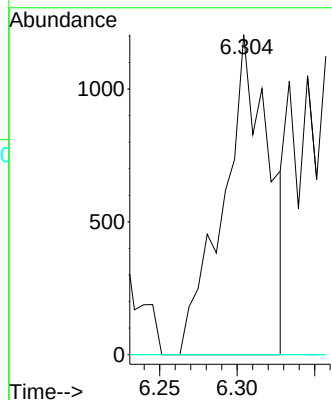
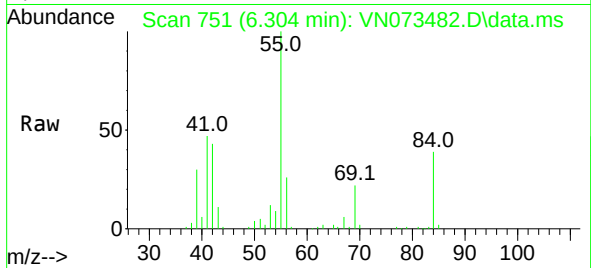




#24
1,1-Dichloroethane
Concen: 0.358 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073482.D
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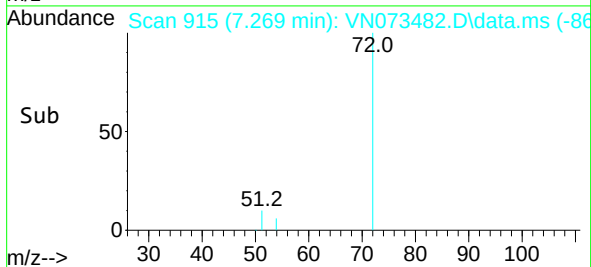
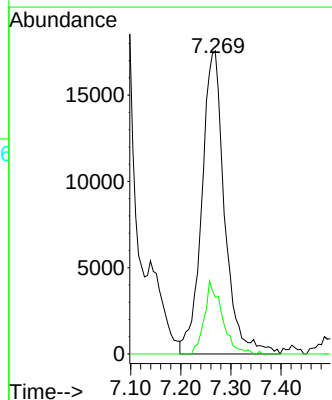
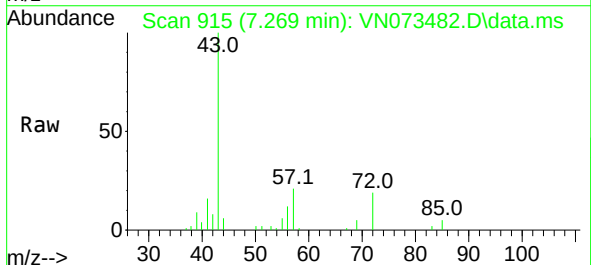
Instrument :
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ClientSampleId :
TW-ANOM

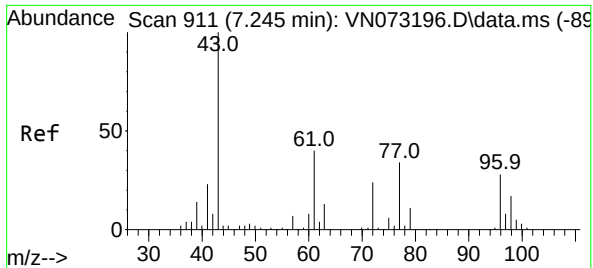
Tgt Ion: 63 Resp: 2470
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 14.924 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 43 Resp: 55479
Ion Ratio Lower Upper
43 100
72 18.8 23.7 35.5#

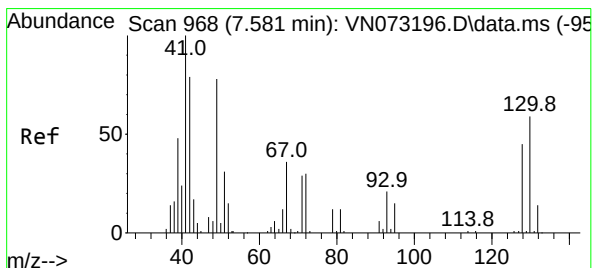
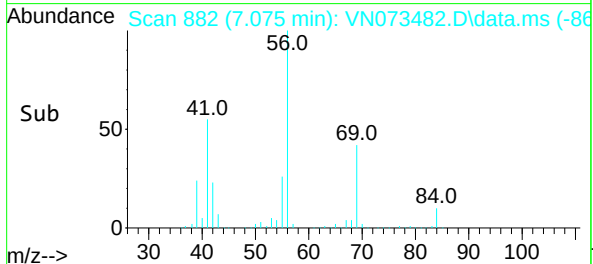
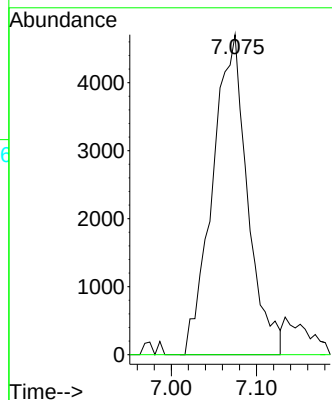
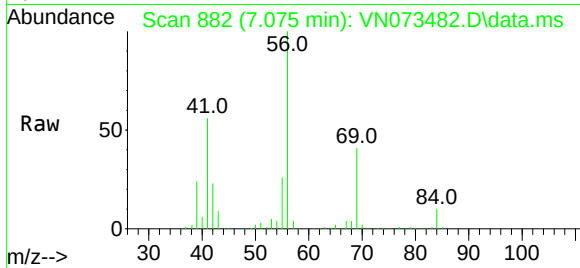




#26
2,2-Dichloropropane
Concen: 2.106 ug/l
RT: 7.075 min Scan# 81
Delta R.T. -0.170 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

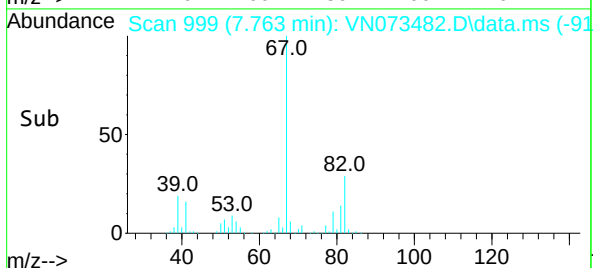
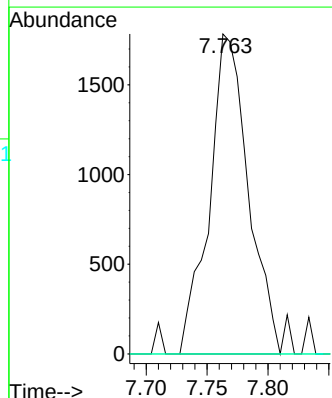
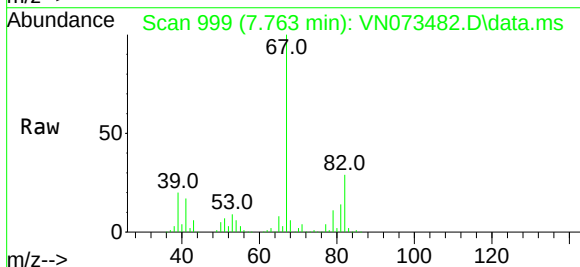
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

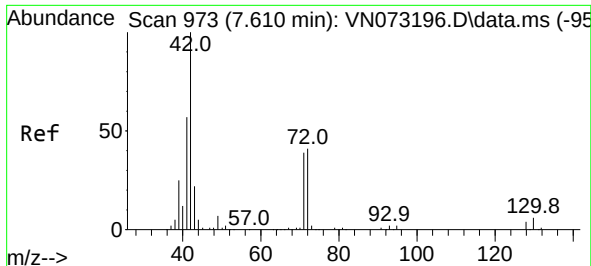
Tgt Ion: 77 Resp: 13440
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#28
Bromochloromethane
Concen: 1.376 ug/l
RT: 7.763 min Scan# 999
Delta R.T. 0.182 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 49 Resp: 3976
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.264 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

TW-ANOM

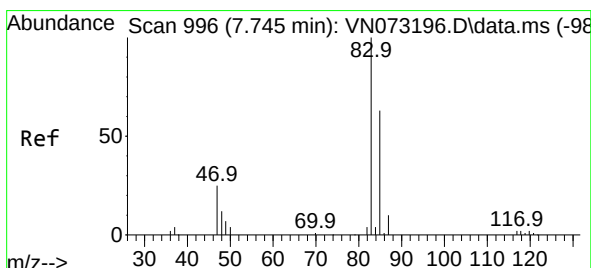
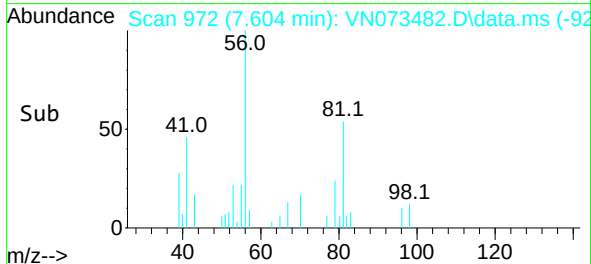
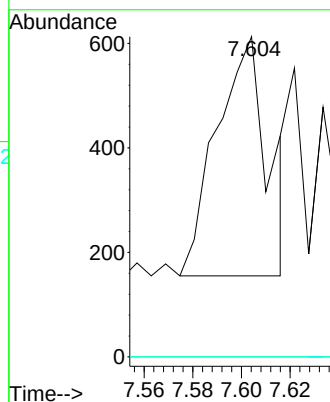
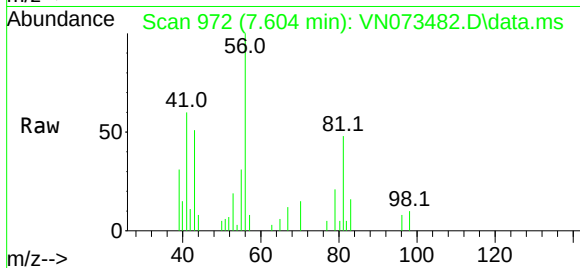
Tgt Ion: 42 Resp: 672

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 1.977 ug/l

RT: 7.769 min Scan# 1000

Delta R.T. 0.024 min

Lab File: VN073482.D

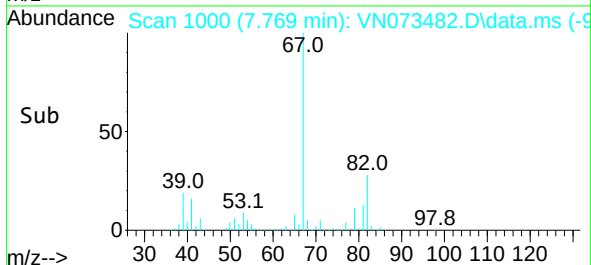
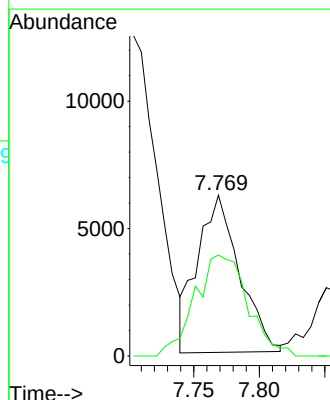
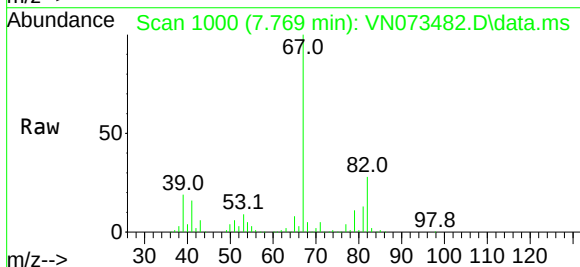
Acq: 15 Jul 2022 13:42

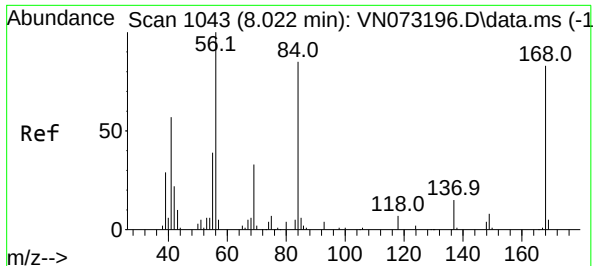
Tgt Ion: 83 Resp: 13739

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.8

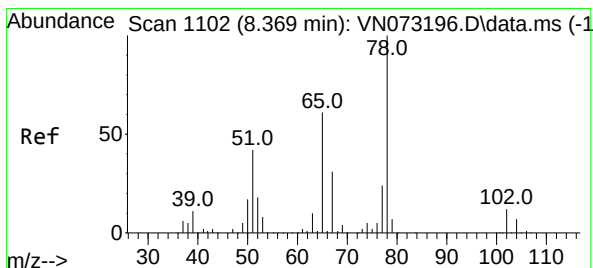
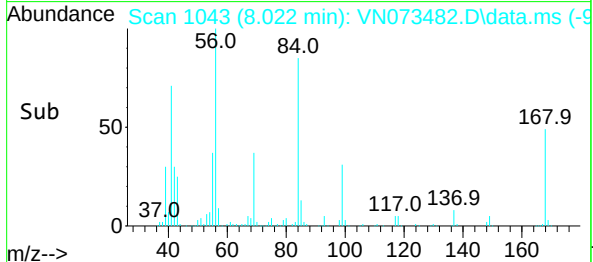
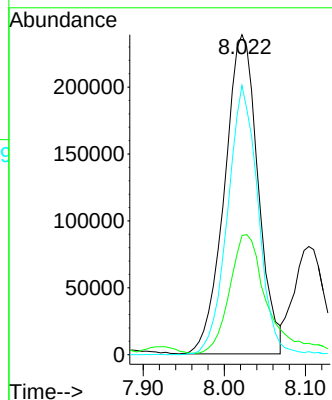
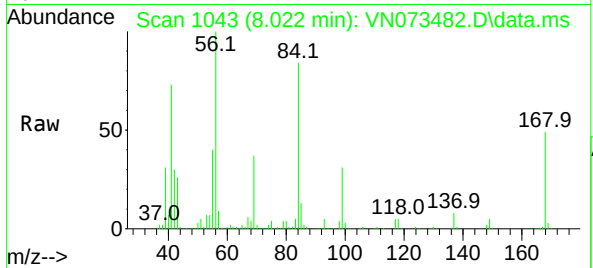




#31
Cyclohexane
Concen: 100.454 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

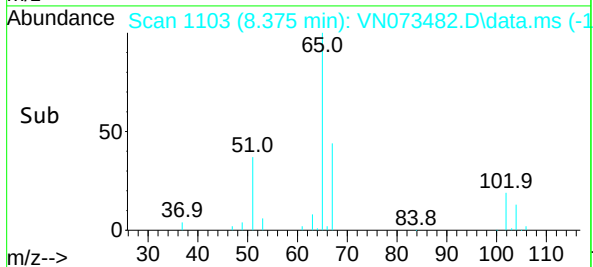
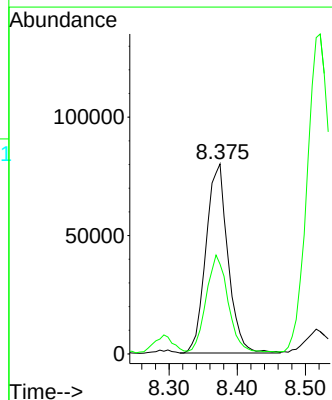
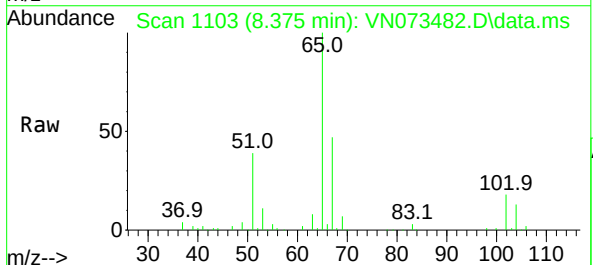
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

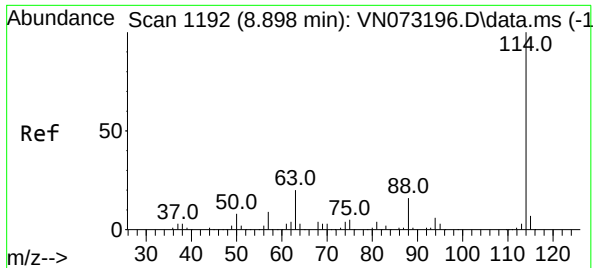
Tgt Ion: 56 Resp: 684328
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.8
84 84.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.127 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 65 Resp: 179390
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

TW-ANOM

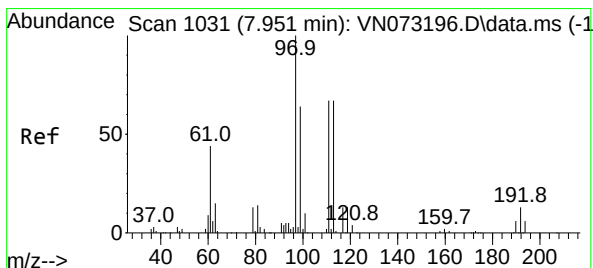
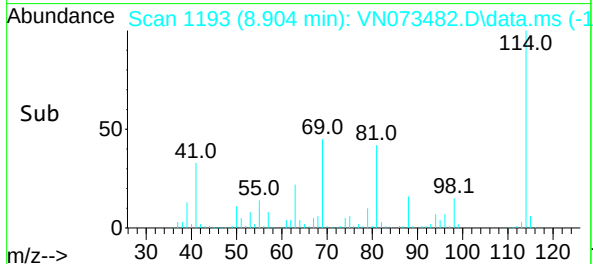
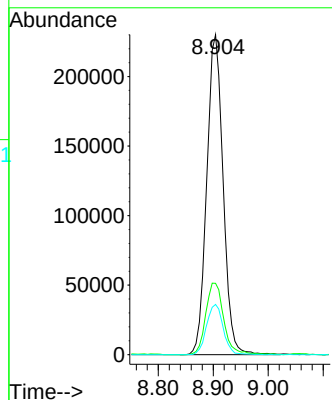
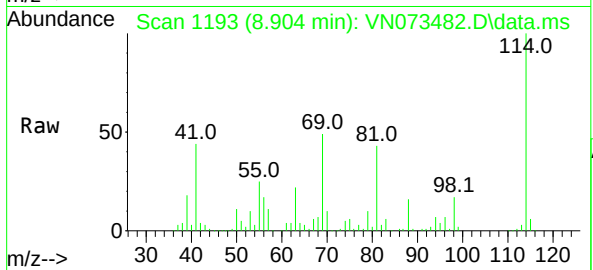
Tgt Ion:114 Resp: 476135

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.996 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

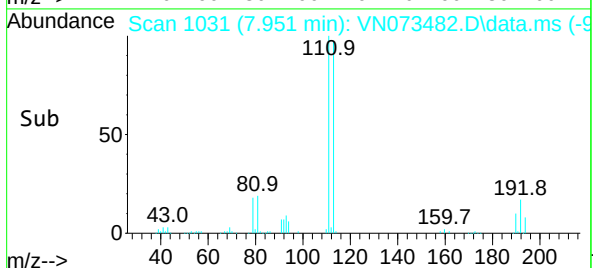
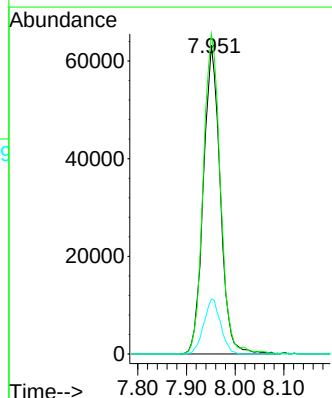
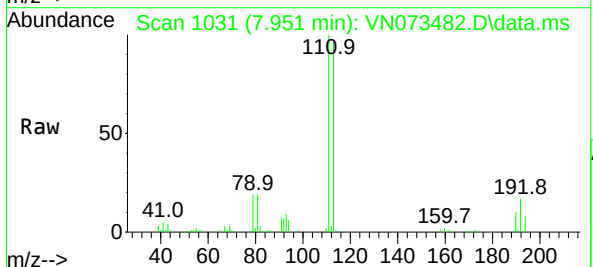
Tgt Ion:113 Resp: 152043

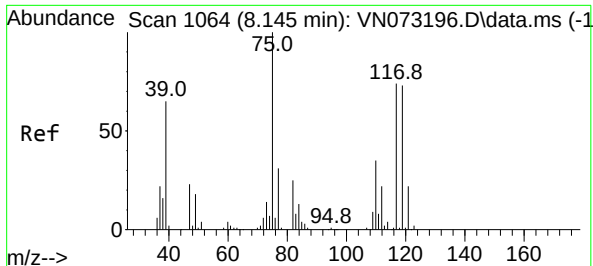
Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

192 17.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.304 ug/l

RT: 8.016 min Scan# 110

Delta R.T. -0.129 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

TW-ANOM

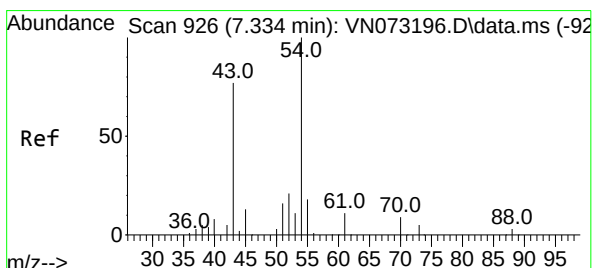
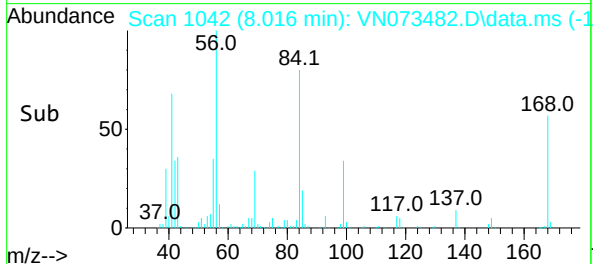
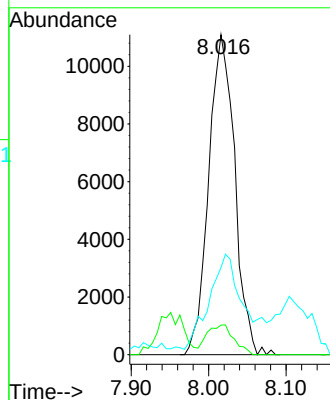
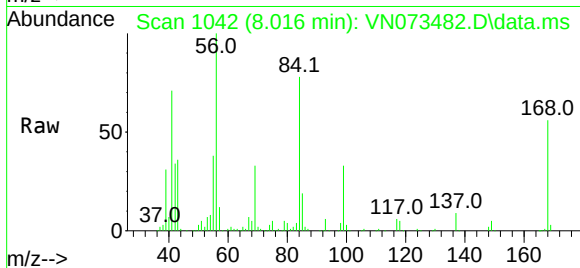
Tgt Ion: 75 Resp: 25851

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 36.8 25.1 37.7



#37

Ethyl Acetate

Concen: 7.533 ug/l

RT: 7.269 min Scan# 915

Delta R.T. -0.065 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

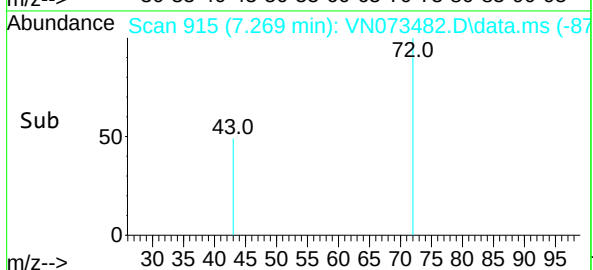
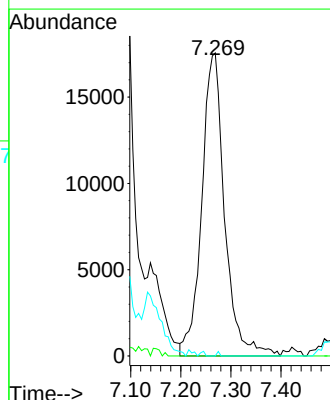
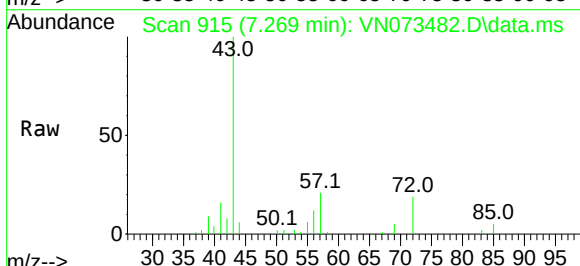
Tgt Ion: 43 Resp: 55479

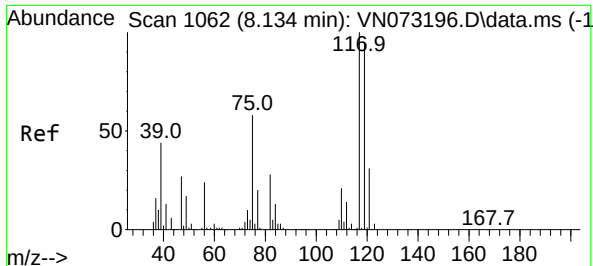
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

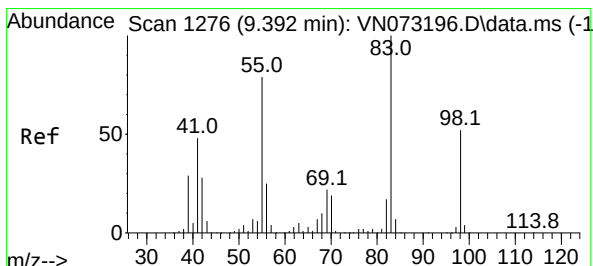
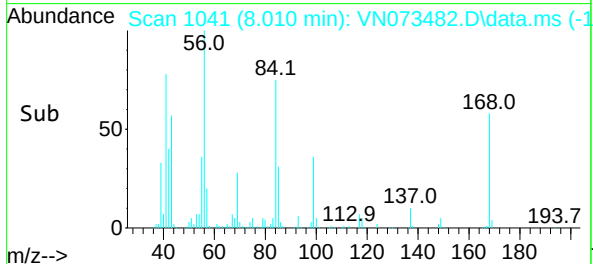
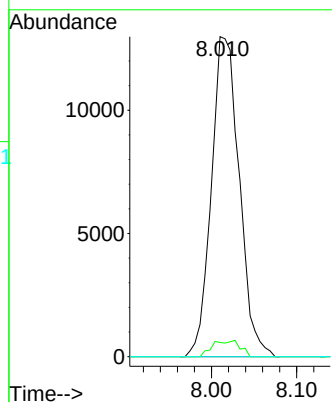
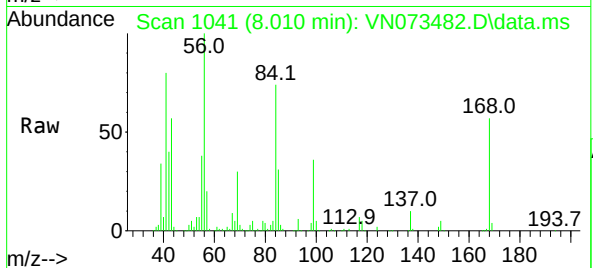




#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

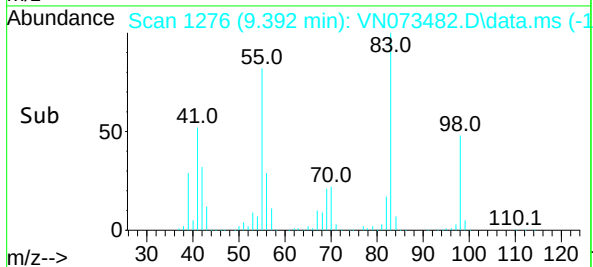
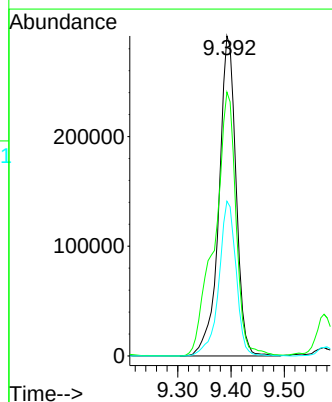
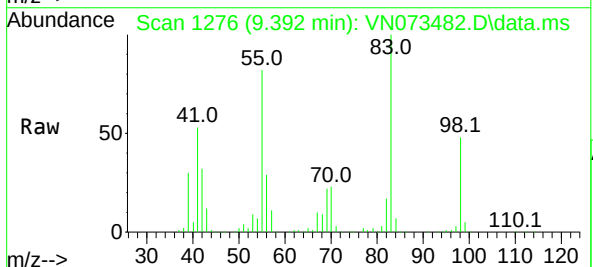
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

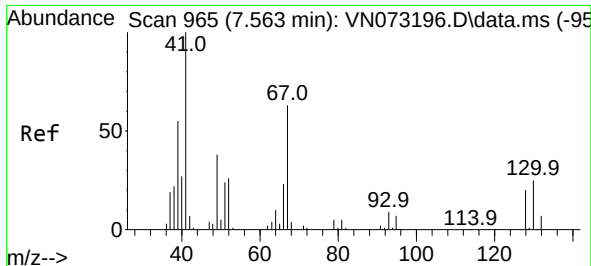
Tgt Ion:117 Resp: 29480
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 107.212 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 83 Resp: 650606
Ion Ratio Lower Upper
83 100
55 82.4 57.8 86.8
98 48.4 39.4 59.2

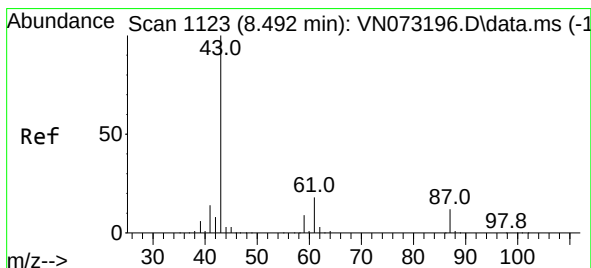
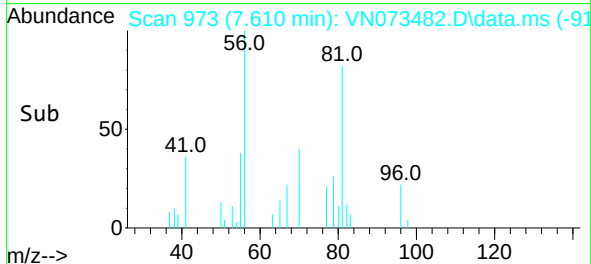
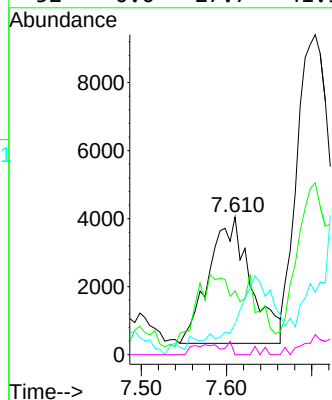
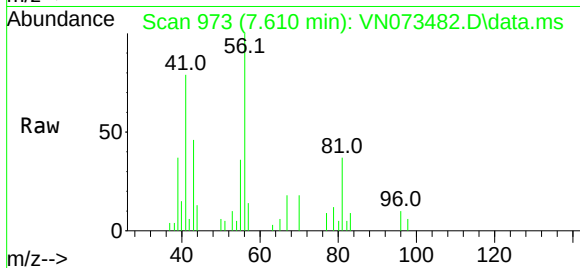




#41
Methacrylonitrile
Concen: 3.547 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.047 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

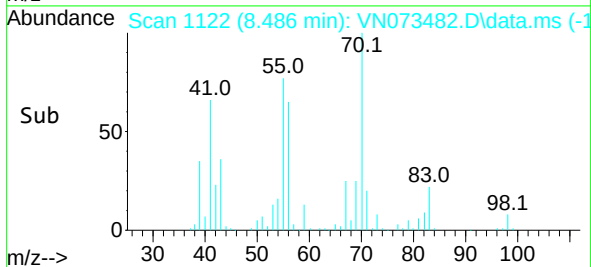
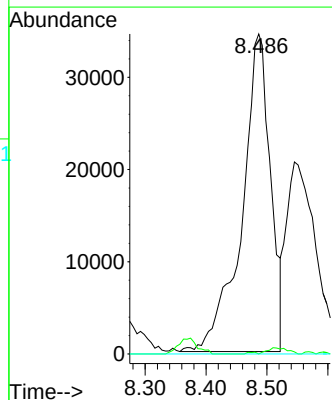
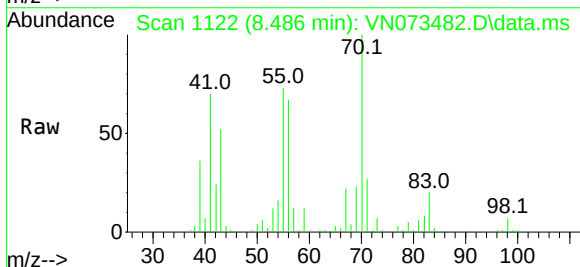
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

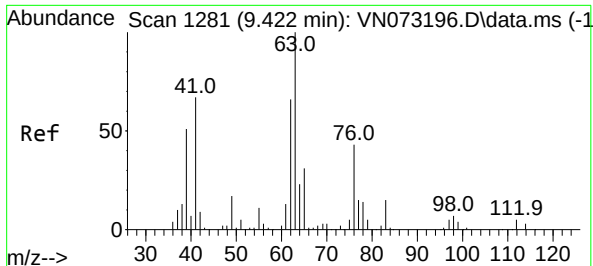
Tgt Ion:	41	Resp:	12668
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 10.625 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:	43	Resp:	112462
Ion	Ratio	Lower	Upper
43	100		
61	0.2	21.9	32.9#
87	0.0	12.0	18.0#





#45

1,2-Dichloropropane

Concen: 2.475 ug/l

RT: 9.392 min Scan# 11

Delta R.T. -0.030 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

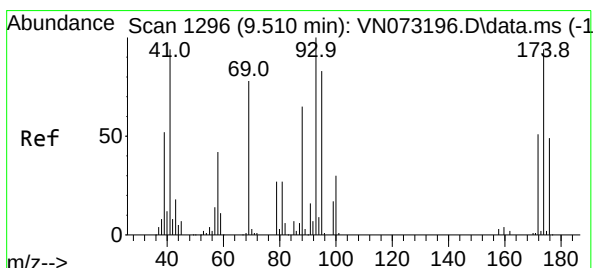
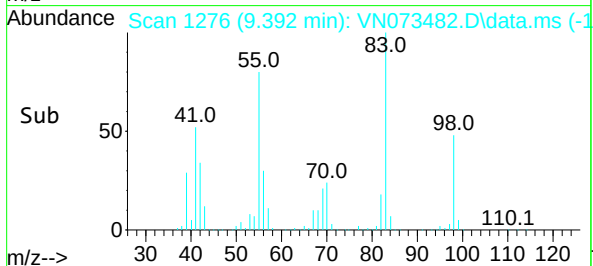
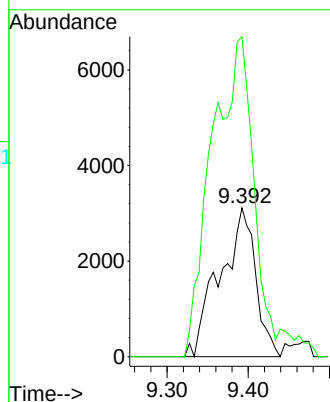
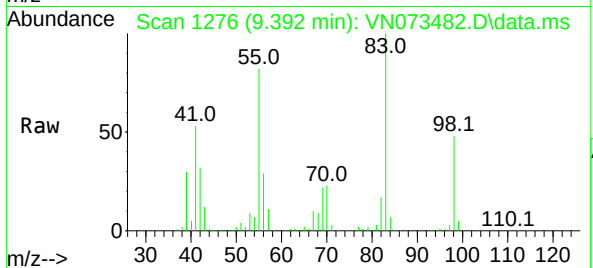
TW-ANOM

Tgt Ion: 63 Resp: 9491

Ion Ratio Lower Upper

63 100

65 215.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.260 ug/l

RT: 9.463 min Scan# 1288

Delta R.T. -0.047 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

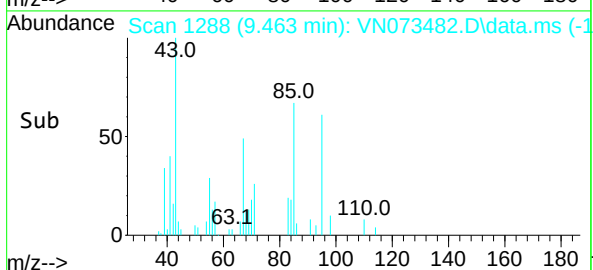
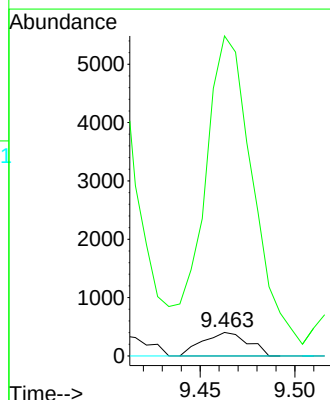
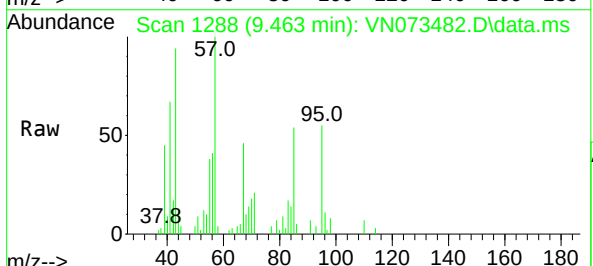
Tgt Ion: 93 Resp: 678

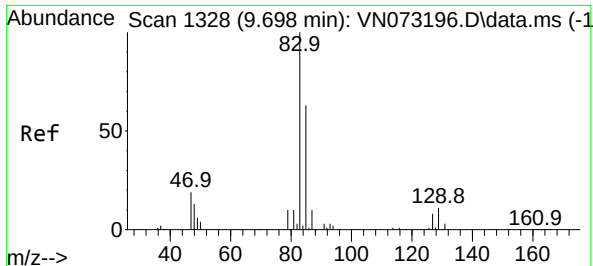
Ion Ratio Lower Upper

93 100

95 1370.8 66.9 100.3#

174 0.0 86.6 130.0#

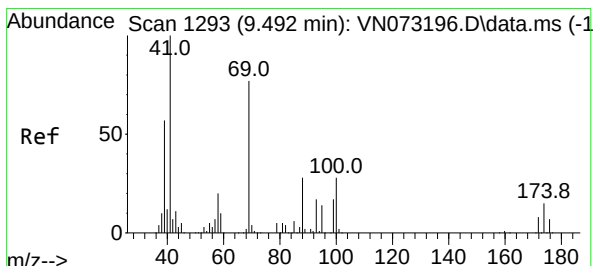
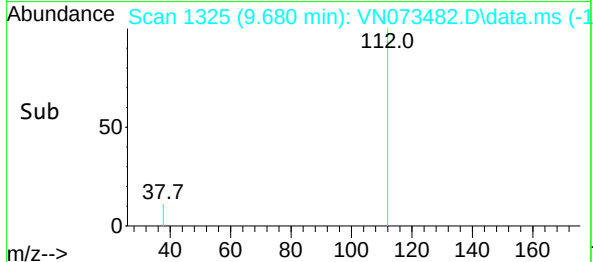
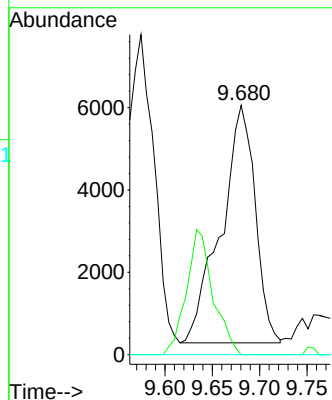
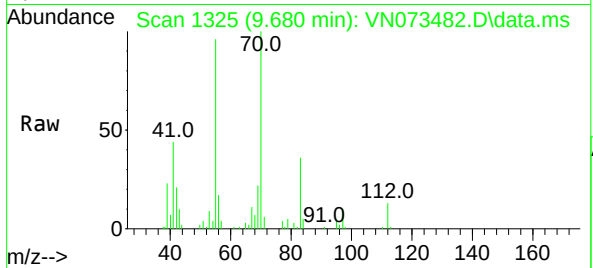




#47
Bromodichloromethane
Concen: 2.882 ug/l
RT: 9.680 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

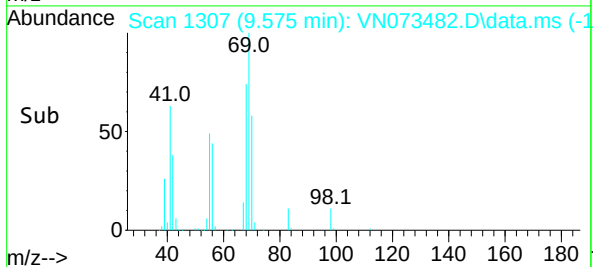
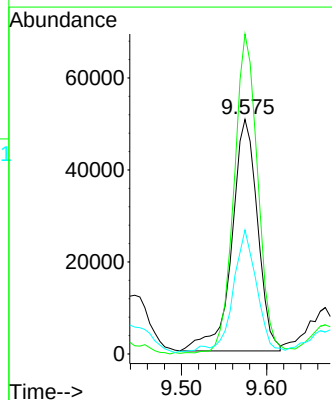
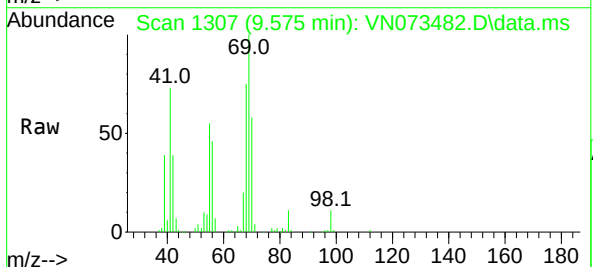
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

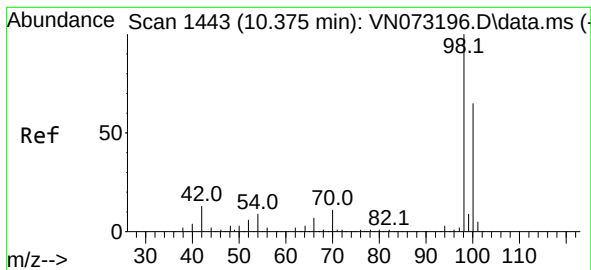
Tgt Ion: 83 Resp: 14529
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 21.599 ug/l
RT: 9.575 min Scan# 1307
Delta R.T. 0.083 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 41 Resp: 105854
Ion Ratio Lower Upper
41 100
69 128.7 74.7 112.1#
39 49.0 45.6 68.4





#50

Toluene-d8

Concen: 48.056 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

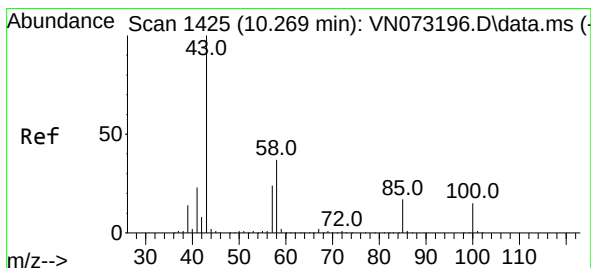
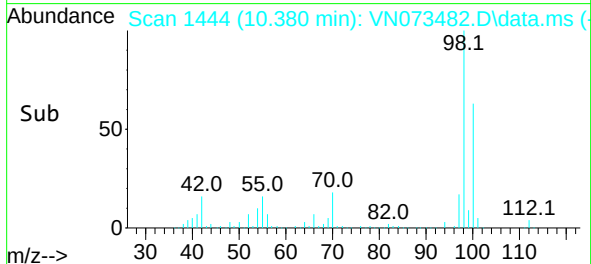
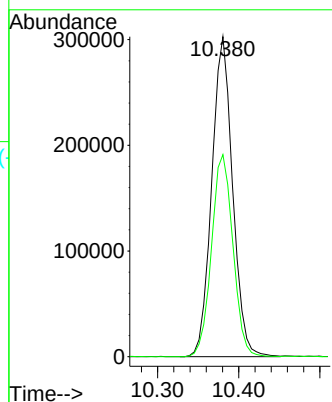
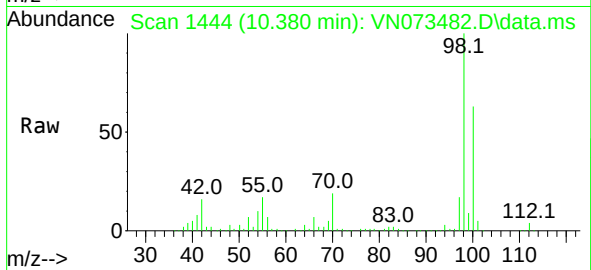
TW-ANOM

Tgt Ion: 98 Resp: 540674

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.793 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.111 min

Lab File: VN073482.D

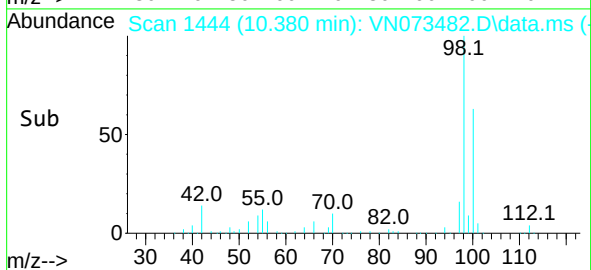
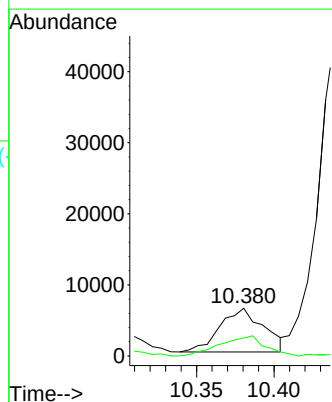
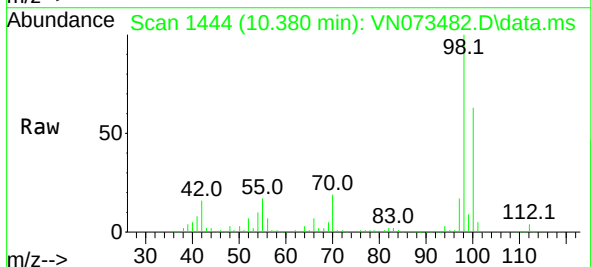
Acq: 15 Jul 2022 13:42

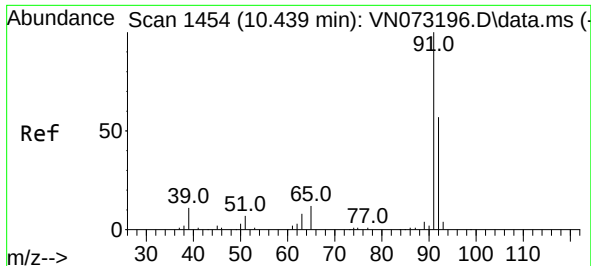
Tgt Ion: 43 Resp: 12032

Ion Ratio Lower Upper

43 100

58 47.1 34.1 51.1

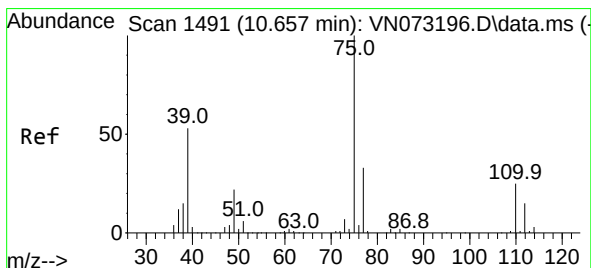
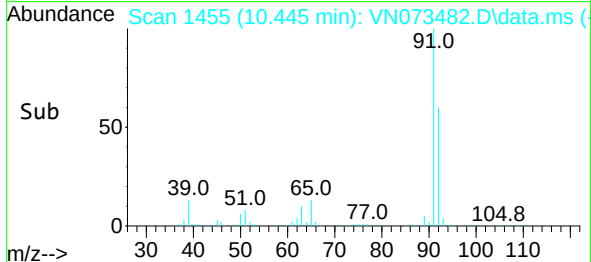
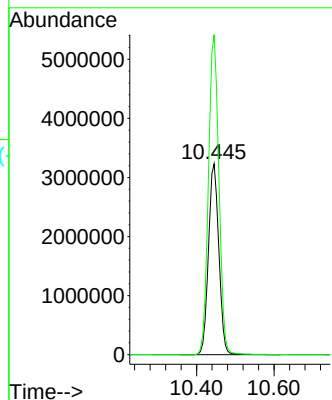
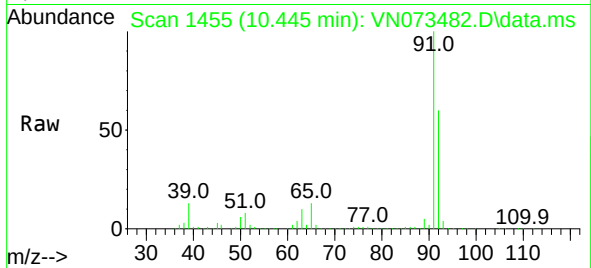




#52
Toluene
Concen: 644.017 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

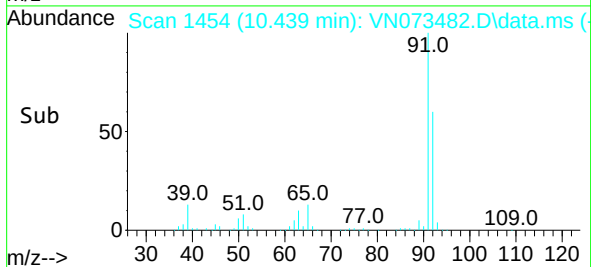
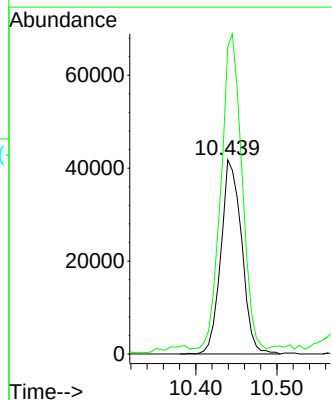
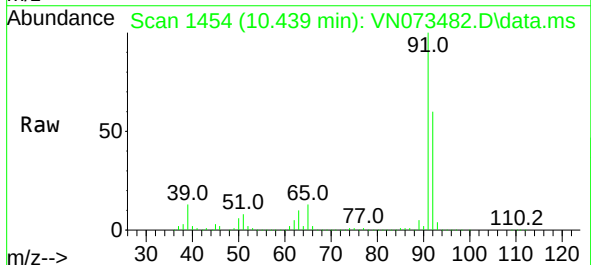
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

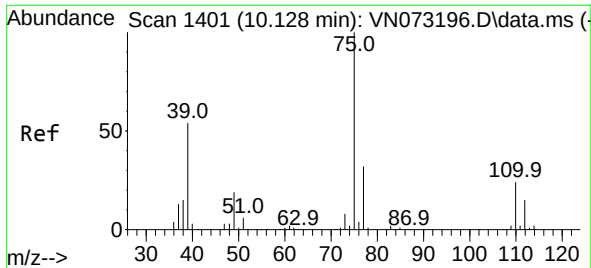
Tgt Ion: 92 Resp: 5987072
Ion Ratio Lower Upper
92 100
91 169.4 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 13.381 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.218 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 75 Resp: 74275
Ion Ratio Lower Upper
75 100
77 154.1 25.6 38.4#

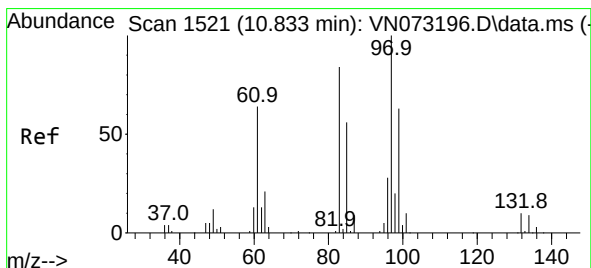
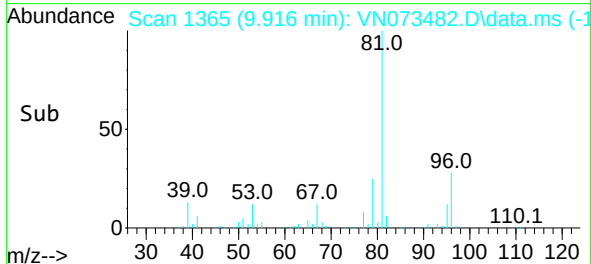
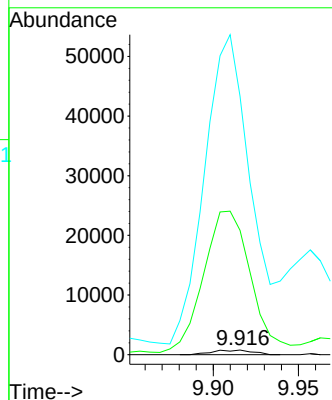
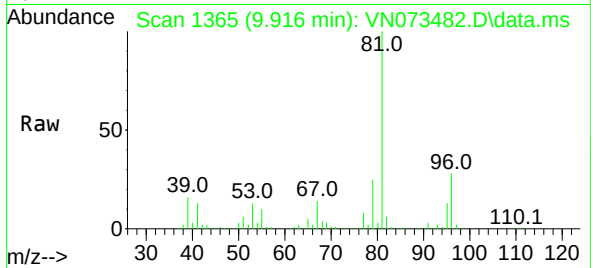




#54
 cis-1,3-Dichloropropene
 Concen: 0.208 ug/l
 RT: 9.916 min Scan# 11
 Delta R.T. -0.212 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

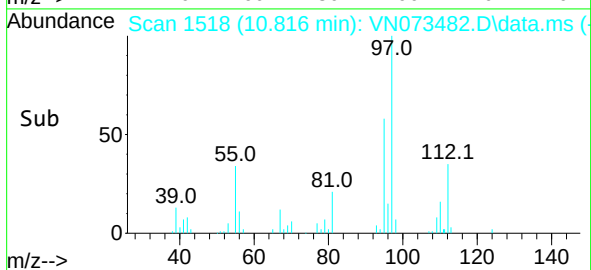
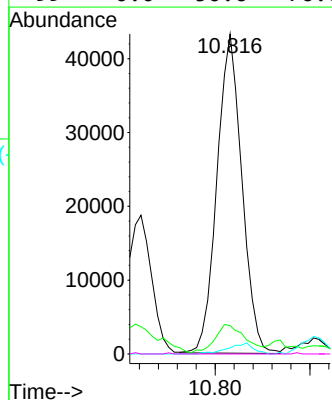
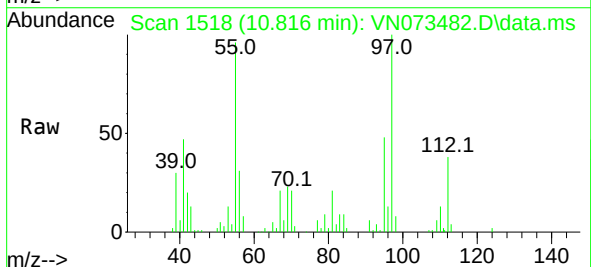
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM

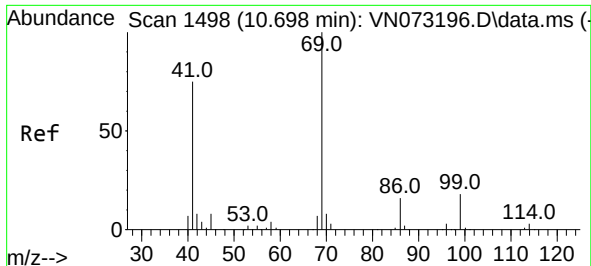
Tgt Ion: 75 Resp: 1248
 Ion Ratio Lower Upper
 75 100
 77 2427.0 25.2 37.8#
 39 4883.1 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 20.636 ug/l
 RT: 10.816 min Scan# 1518
 Delta R.T. -0.017 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

Tgt Ion: 97 Resp: 78978
 Ion Ratio Lower Upper
 97 100
 83 6.9 66.2 99.4#
 85 1.9 43.9 65.9#
 99 0.0 50.6 76.0#

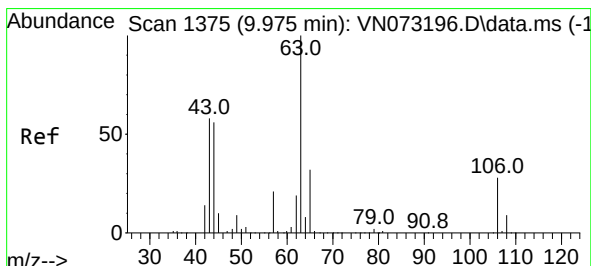
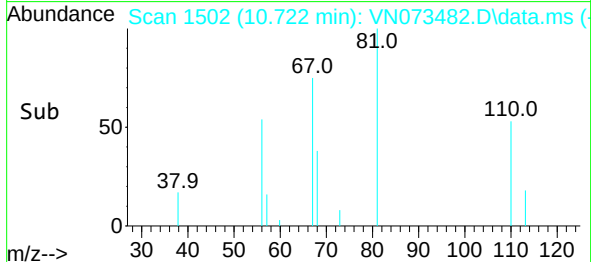
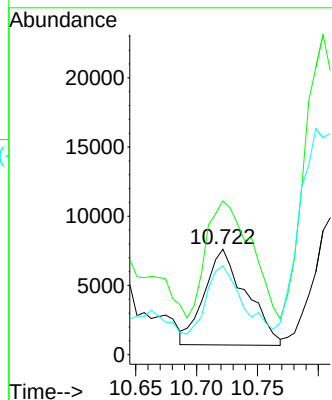
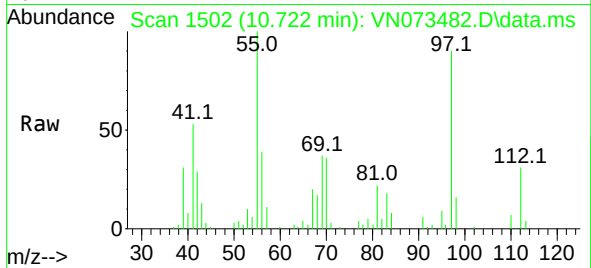




#56
Ethyl methacrylate
Concen: 2.683 ug/l
RT: 10.722 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

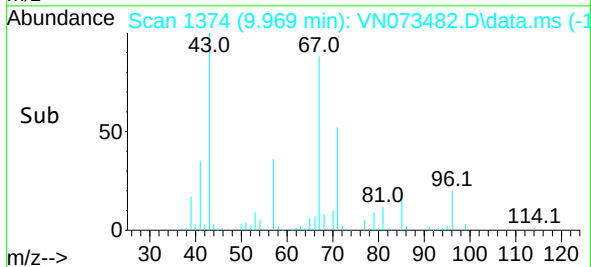
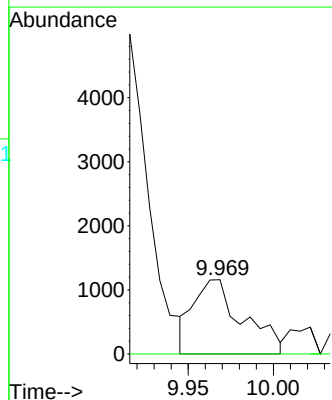
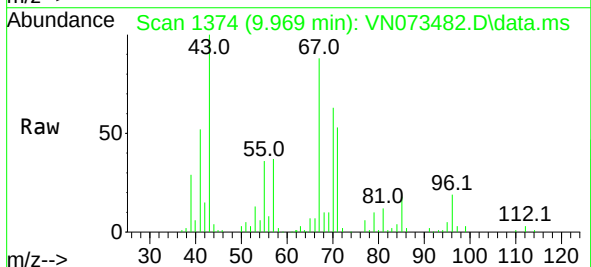
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

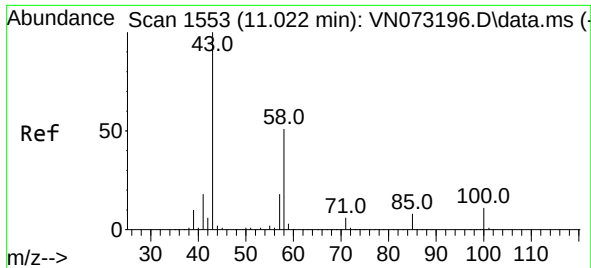
Tgt Ion: 69 Resp: 16594
Ion Ratio Lower Upper
69 100
41 138.5 47.8 71.6#
39 0.0 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.843 ug/l
RT: 9.969 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 63 Resp: 2327
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

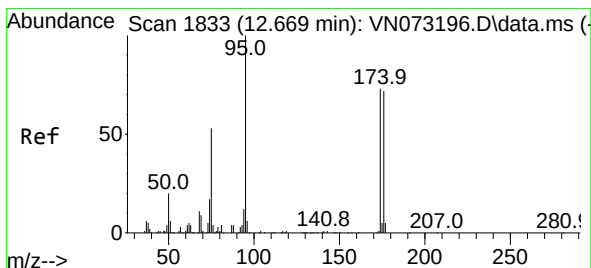
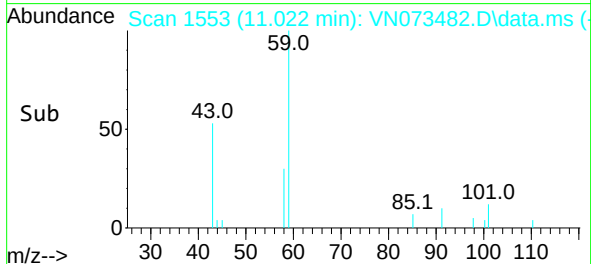
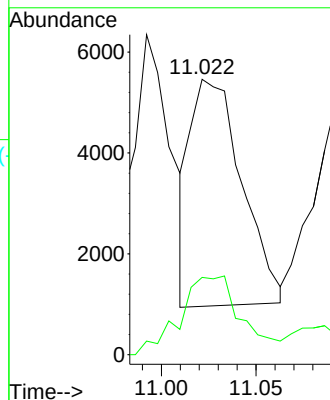
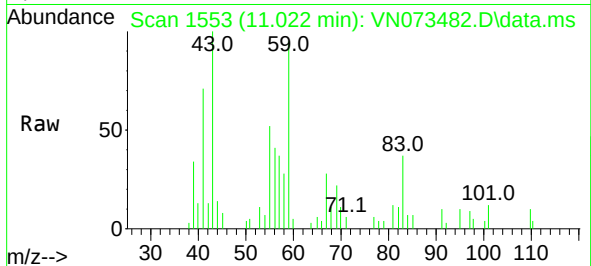




#59
2-Hexanone
Concen: 1.664 ug/l
RT: 11.022 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

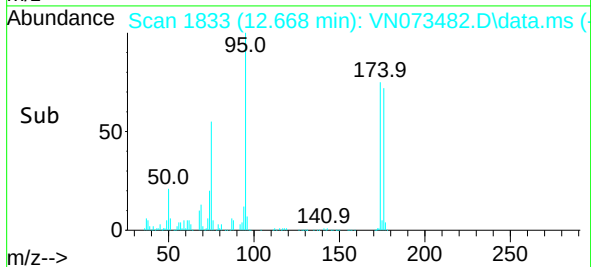
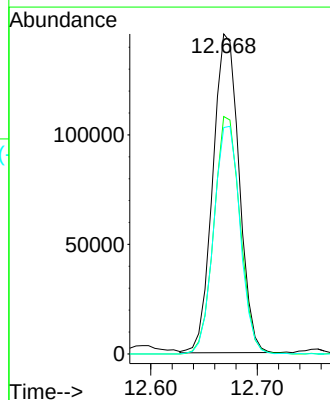
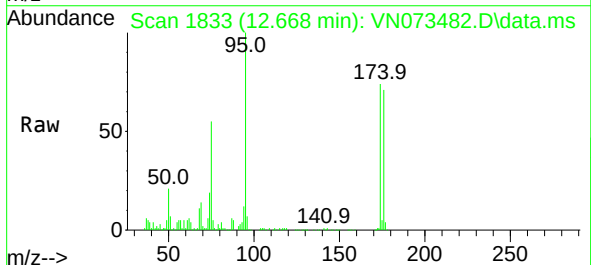
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

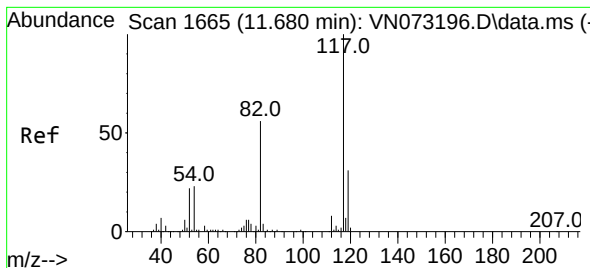
Tgt Ion: 43 Resp: 8512
Ion Ratio Lower Upper
43 100
58 41.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.652 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 95 Resp: 249268
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

TW-ANOM

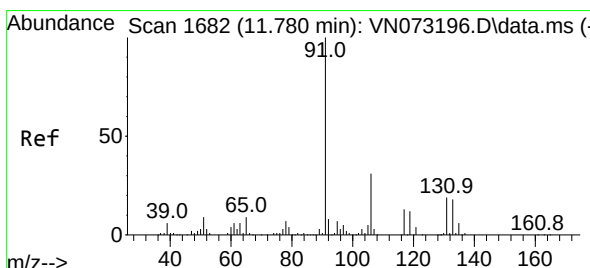
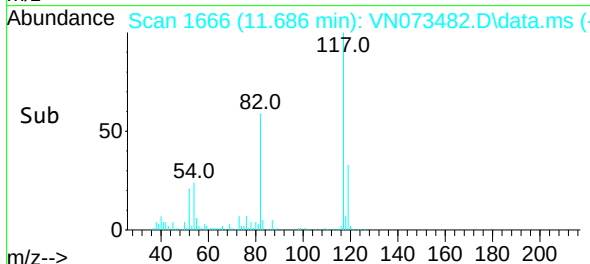
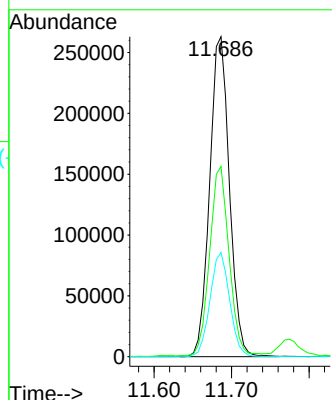
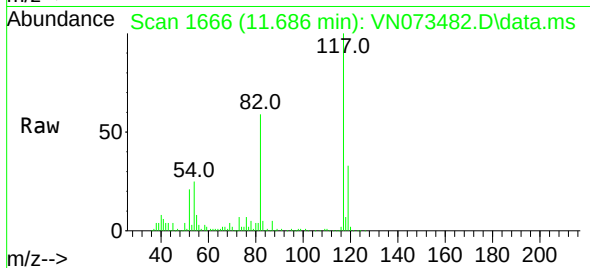
Tgt Ion:117 Resp: 464859

Ion Ratio Lower Upper

117 100

82 59.1 44.2 66.2

119 32.5 25.4 38.0



#67

Ethyl Benzene

Concen: 1109.258 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073482.D

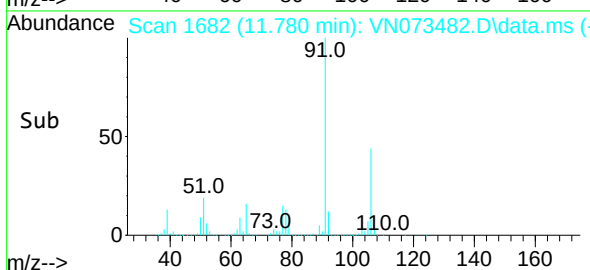
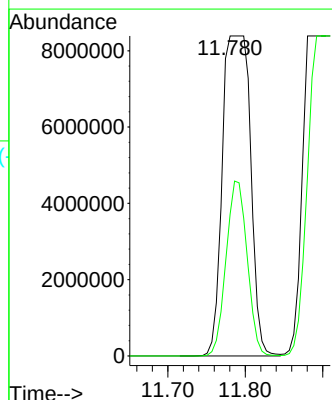
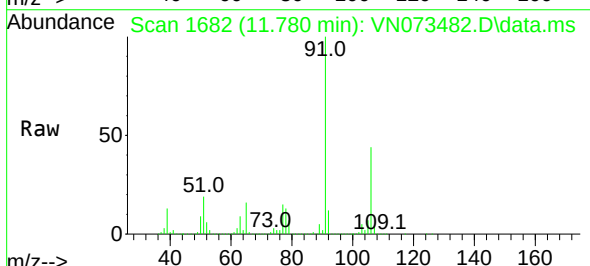
Acq: 15 Jul 2022 13:42

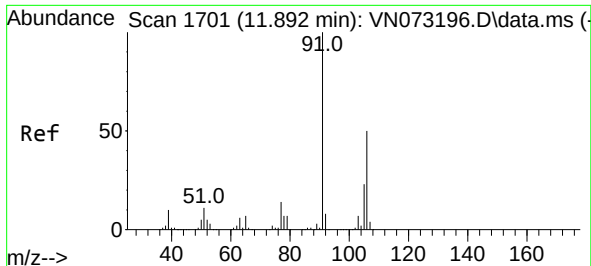
Tgt Ion: 91 Resp:21172118

Ion Ratio Lower Upper

91 100

106 44.3 24.9 37.3#

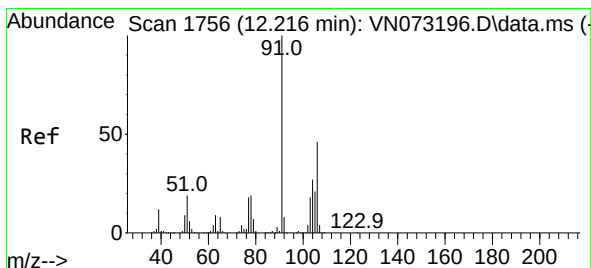
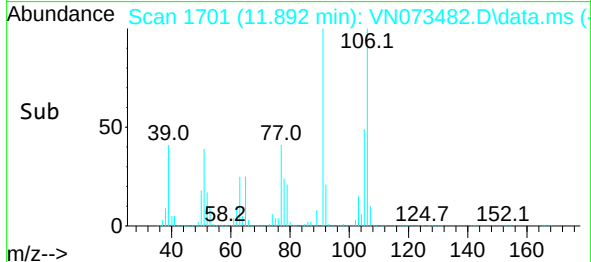
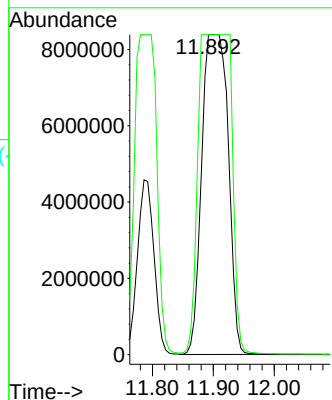
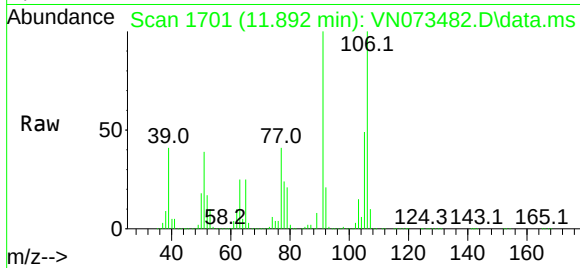




#68
m/p-Xylenes
Concen: 3491.989 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

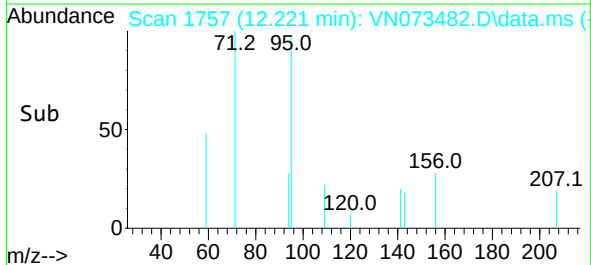
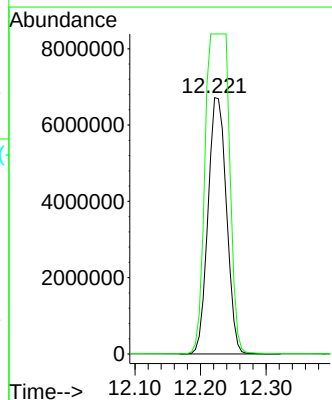
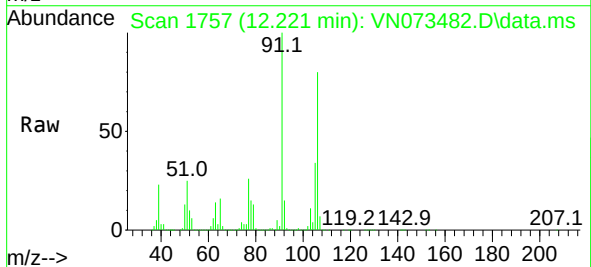
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

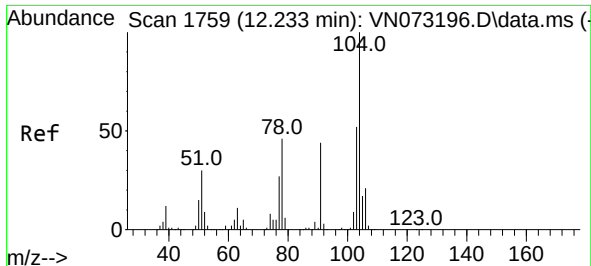
Tgt Ion:106 Resp:25153918
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#



#69
o-Xylene
Concen: 1783.894 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:106 Resp:13118042
Ion Ratio Lower Upper
106 100
91 0.0 106.0 318.0#

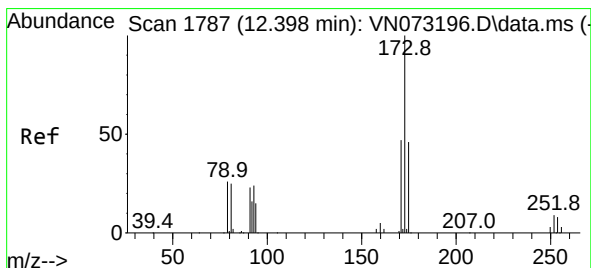
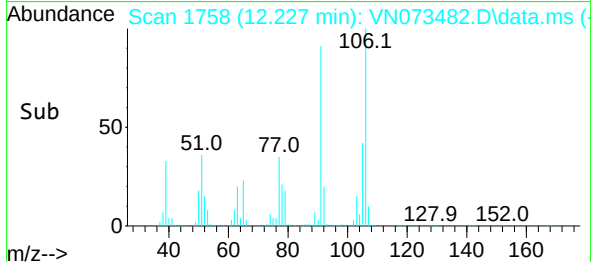
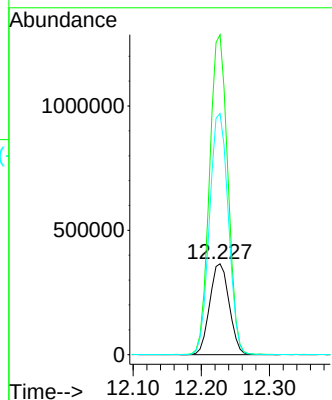
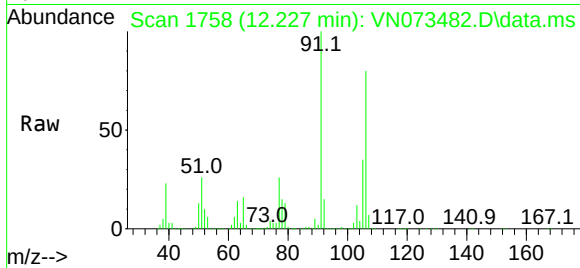




#70
Styrene
Concen: 64.012 ug/l
RT: 12.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

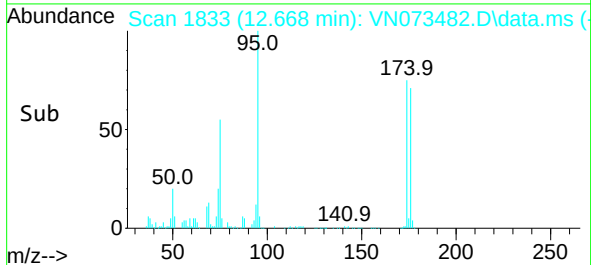
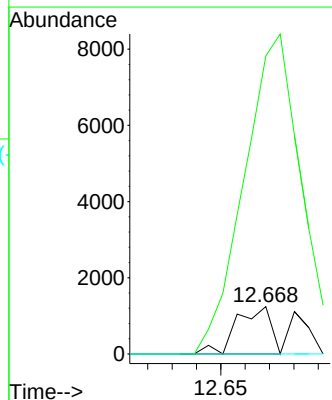
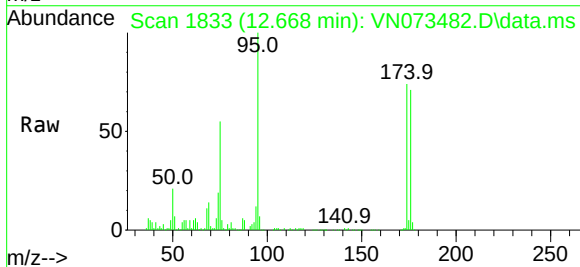
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

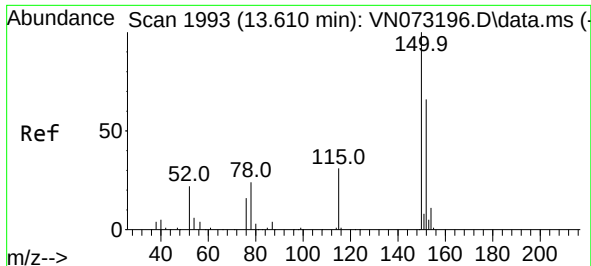
Tgt Ion:104 Resp: 726747
Ion Ratio Lower Upper
104 100
78 329.9 39.5 59.3#
103 257.4 44.0 66.0#



#71
Bromoform
Concen: 0.428 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:173 Resp: 1212
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

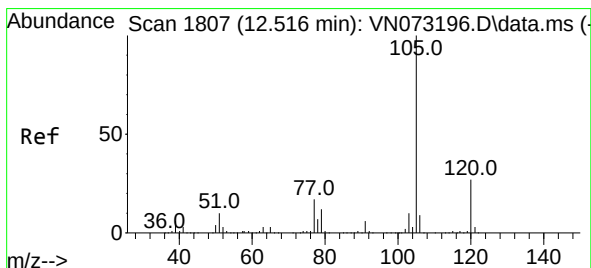
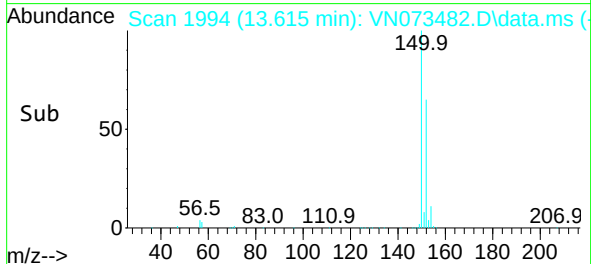
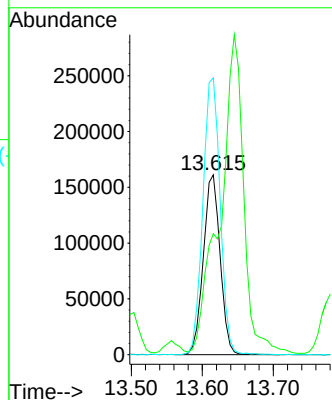
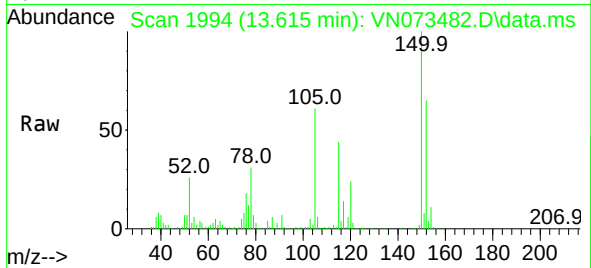




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

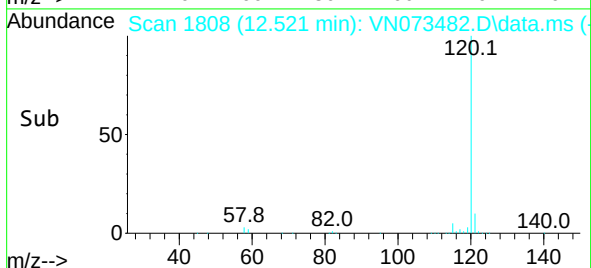
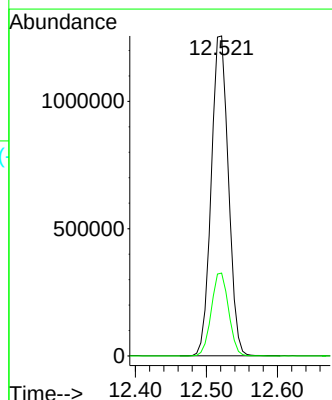
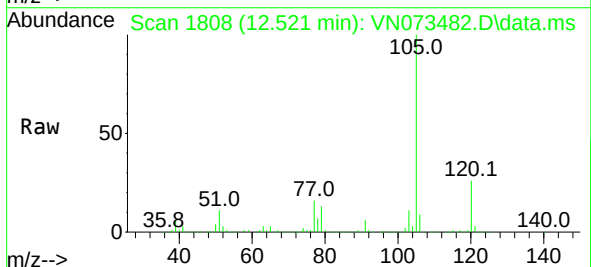
Instrument :
MSVOA_N
ClientSampleId :
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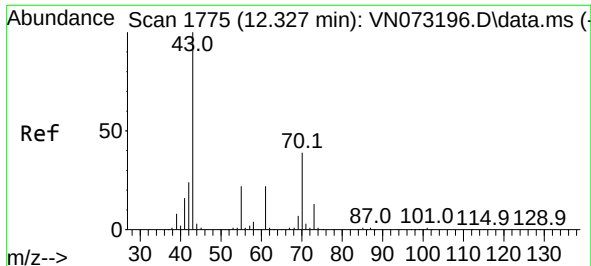
Tgt Ion:152 Resp: 265003
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 158.4 0.0 356.2



#73
Isopropylbenzene
Concen: 92.036 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:105 Resp: 2106166
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

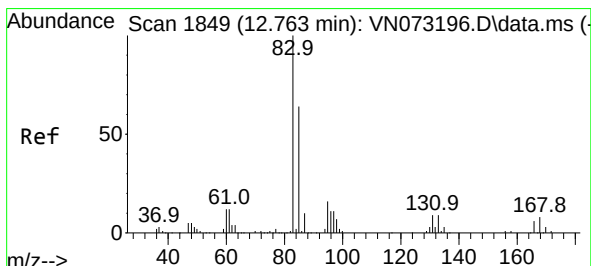
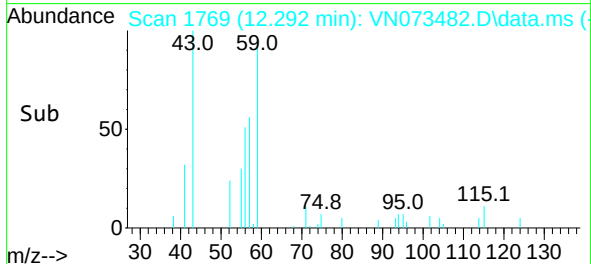
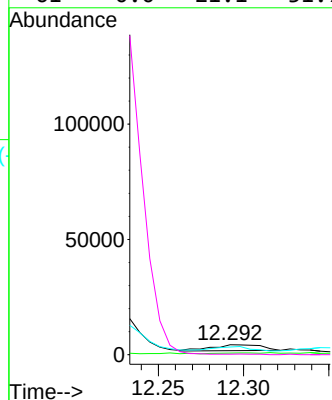
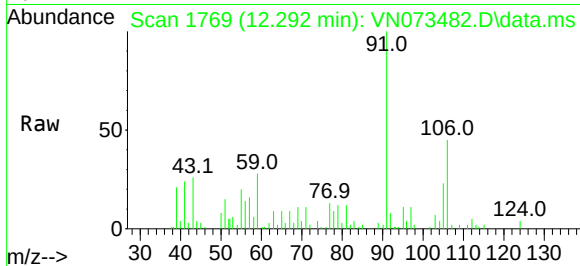




#74
N-amy1 acetate
Concen: 0.469 ug/l
RT: 12.292 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

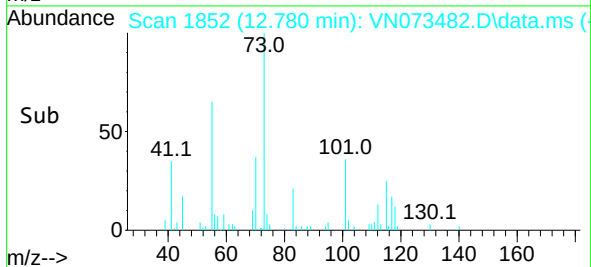
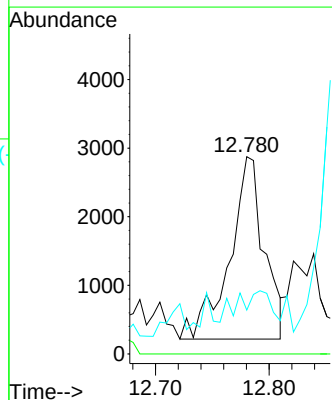
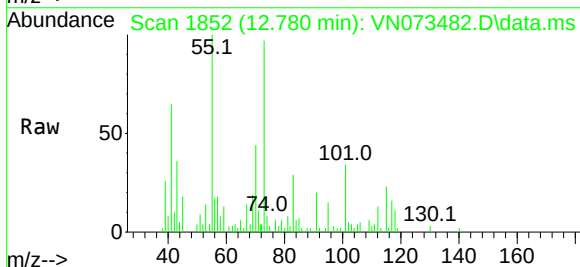
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

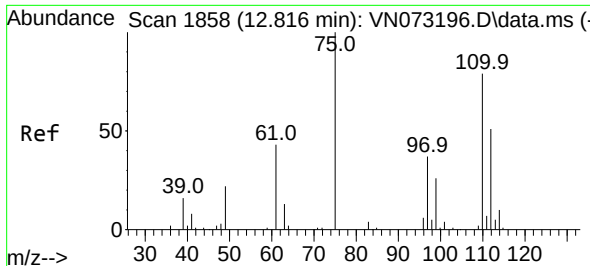
Tgt Ion: 43 Resp: 5372
Ion Ratio Lower Upper
43 100
70 12.0 39.0 58.4#
55 57.2 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.742 ug/l
RT: 12.780 min Scan# 1852
Delta R.T. 0.017 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 83 Resp: 5636
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

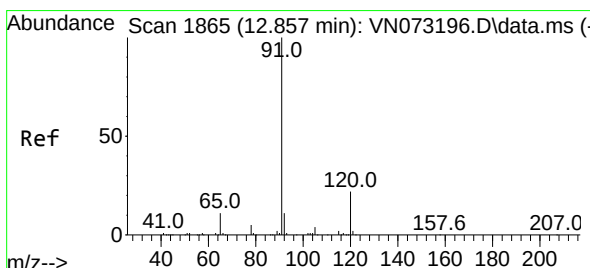
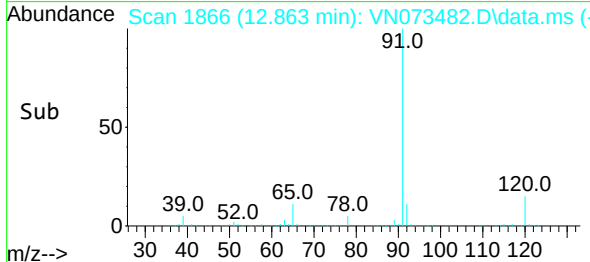
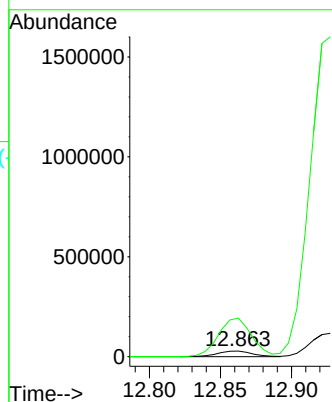
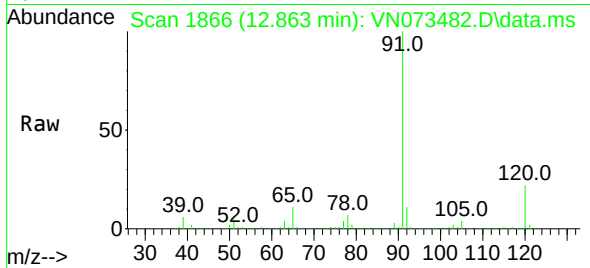




#76
1,2,3-Trichloropropane
Concen: 6.853 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.047 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

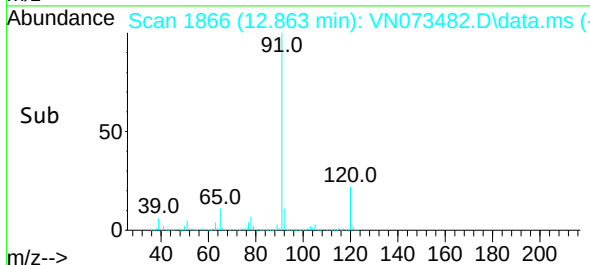
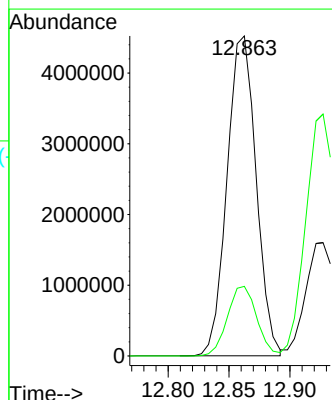
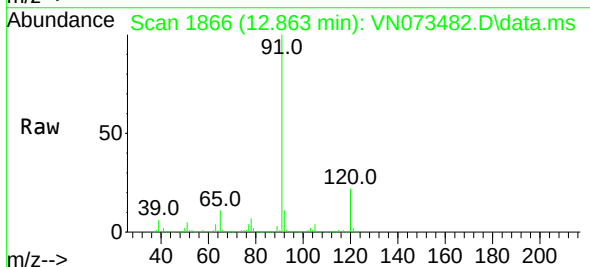
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

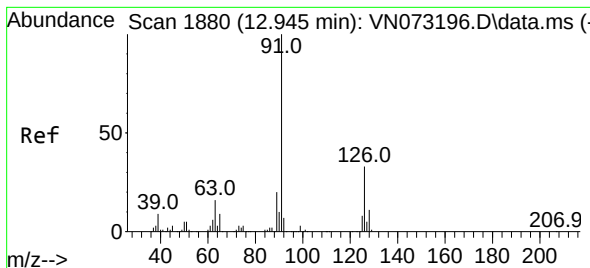
Tgt Ion: 75 Resp: 47487
Ion Ratio Lower Upper
75 100
77 654.5 98.5 295.5#



#78
n-propylbenzene
Concen: 296.673 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 91 Resp: 7542132
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 173.698 ug/l

RT: 12.927 min Scan# 1877

Delta R.T. -0.018 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

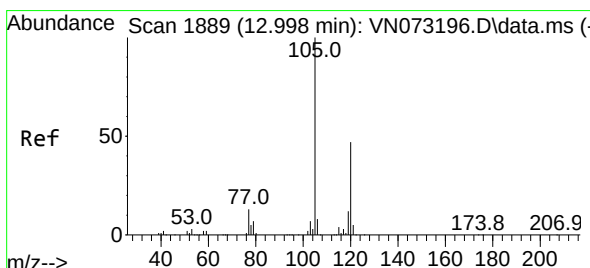
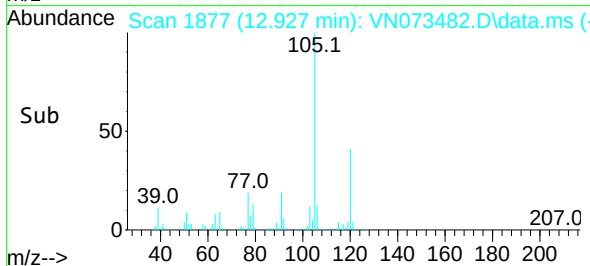
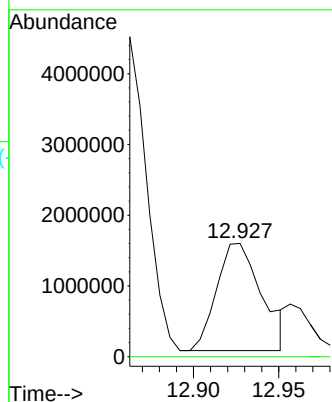
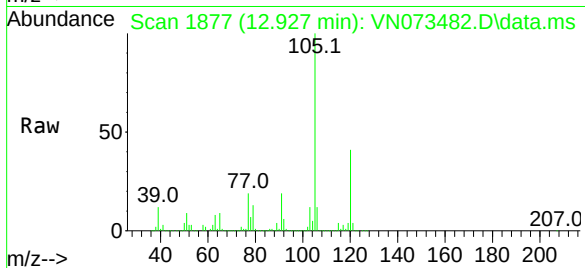
TW-ANOM

Tgt Ion: 91 Resp: 2794796

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 494.524 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073482.D

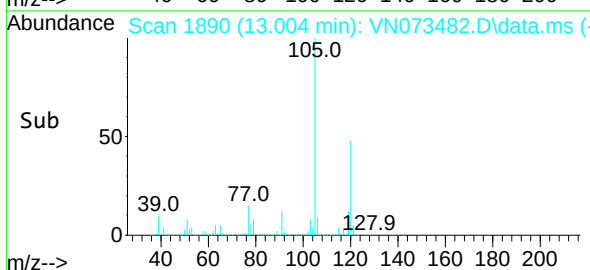
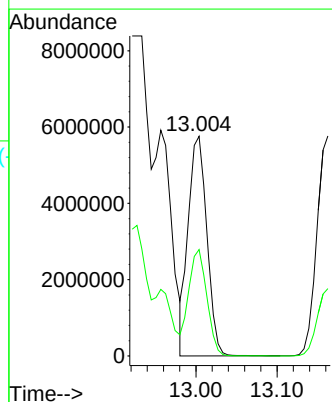
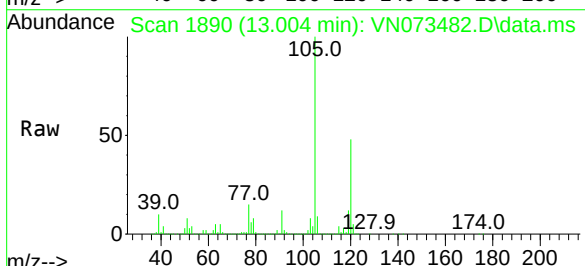
Acq: 15 Jul 2022 13:42

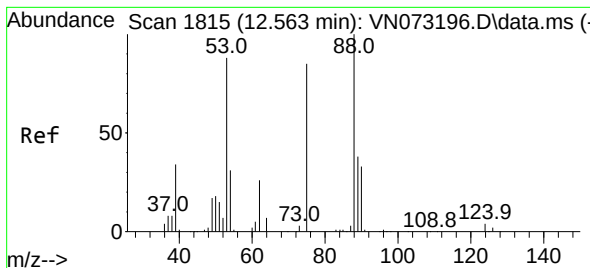
Tgt Ion:105 Resp: 9224064

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.7

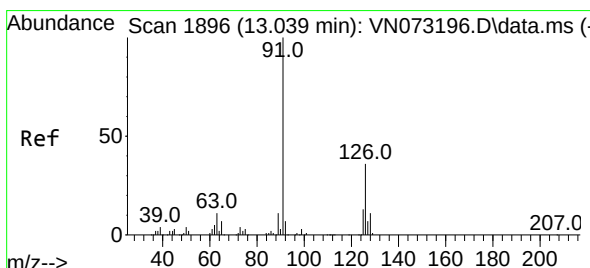
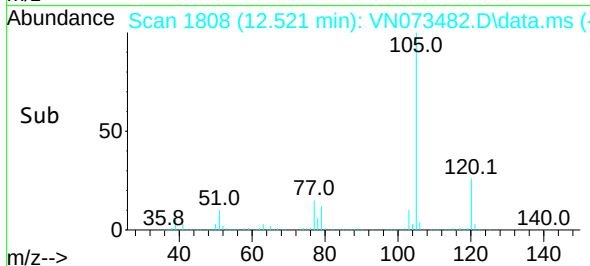
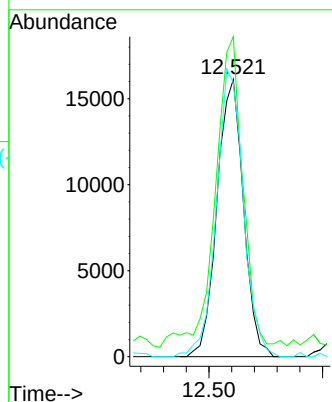
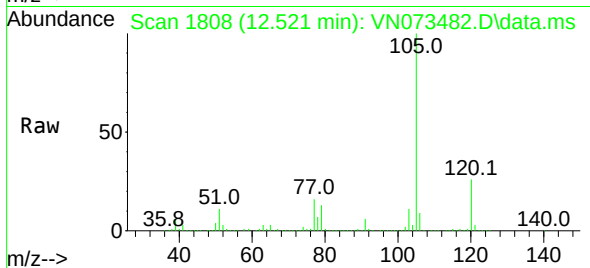




#81
trans-1,4-Dichloro-2-butene
Concen: 10.285 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.042 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

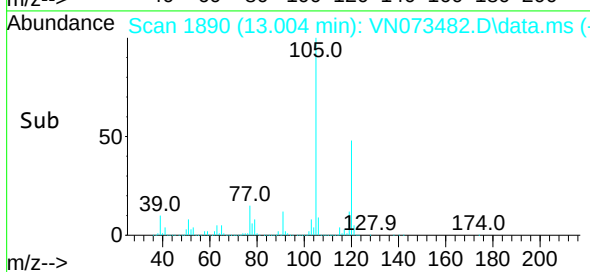
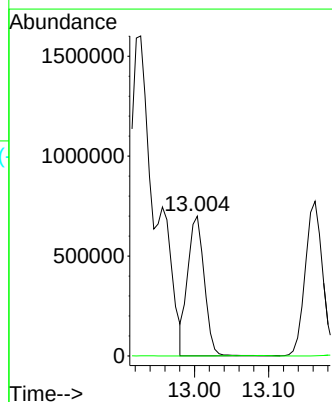
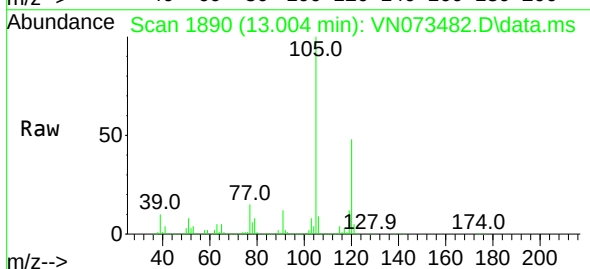
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

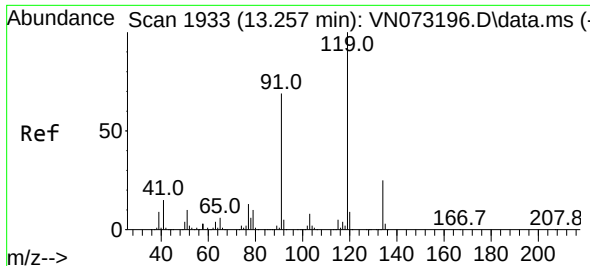
Tgt Ion: 75 Resp: 25988
Ion Ratio Lower Upper
75 100
53 121.3 78.0 117.0#
89 106.6 37.2 55.8#



#82
4-Chlorotoluene
Concen: 69.356 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.035 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 91 Resp: 1080364
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

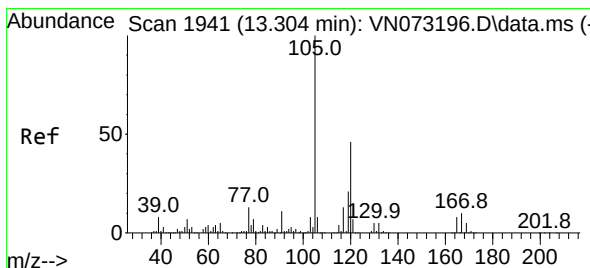
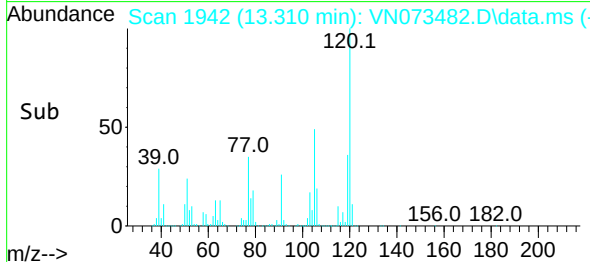
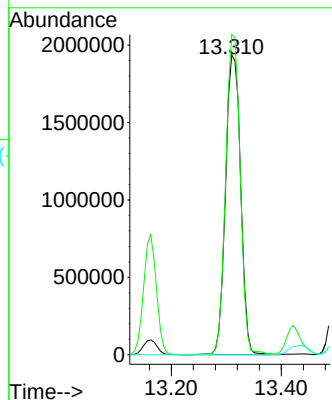
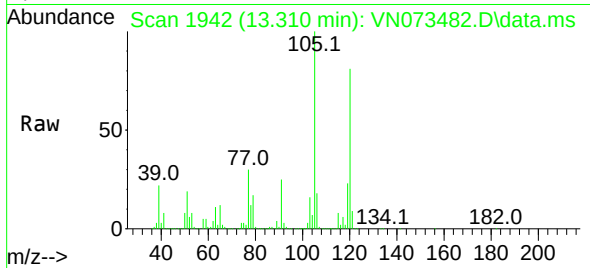




#83
tert-Butylbenzene
Concen: 220.372 ug/l
RT: 13.310 min Scan# 1933
Delta R.T. 0.053 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

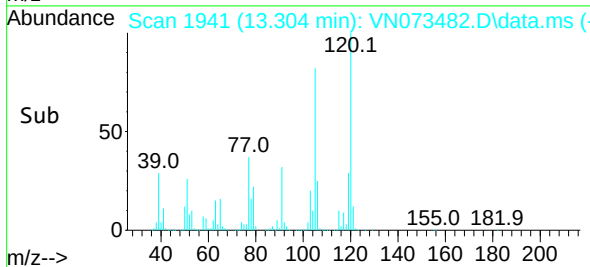
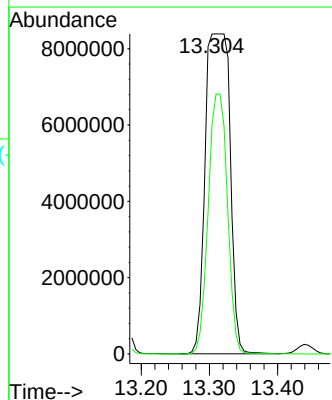
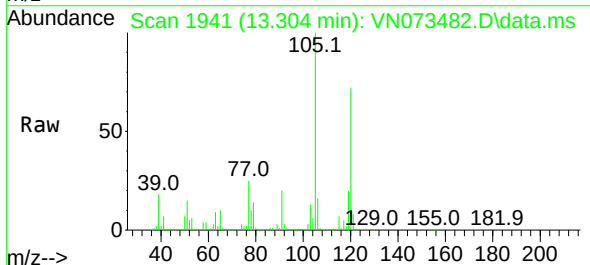
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

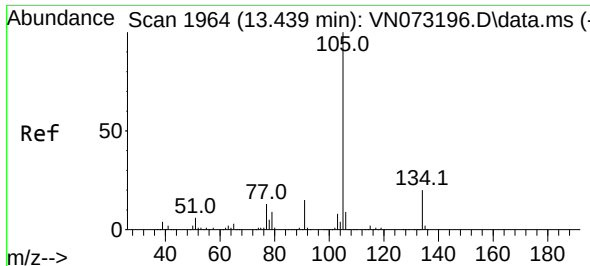
Tgt Ion:119 Resp: 3685108
Ion Ratio Lower Upper
119 100
91 102.9 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 1140.882 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:105 Resp:21246108
Ion Ratio Lower Upper
105 100
120 62.7 23.3 69.8

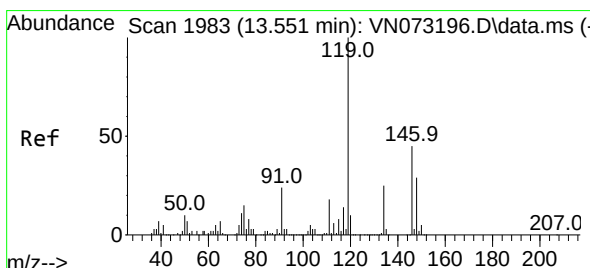
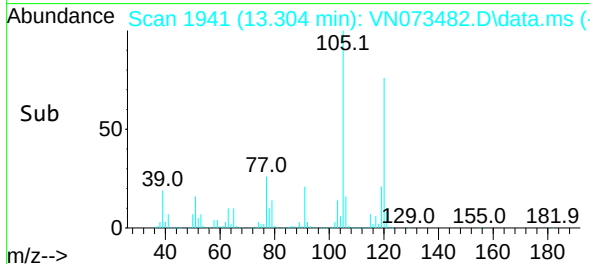
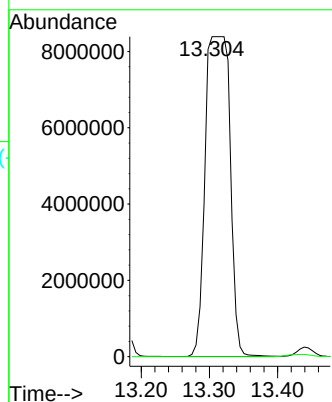
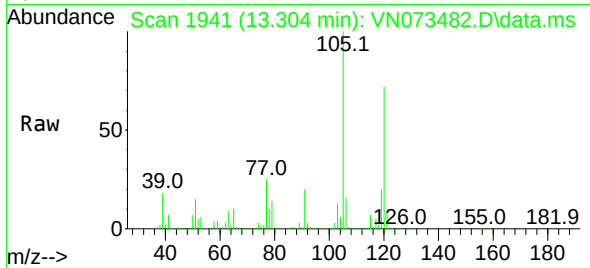




#85
 sec-Butylbenzene
 Concen: 946.188 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.135 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

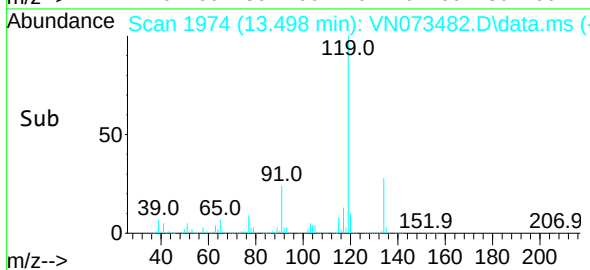
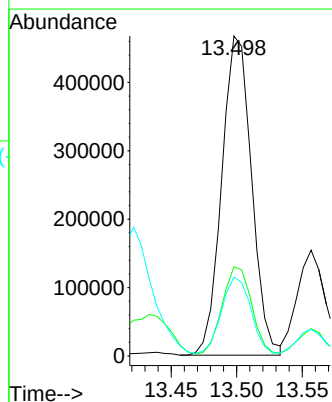
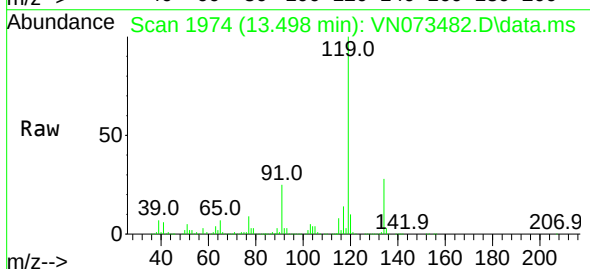
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM

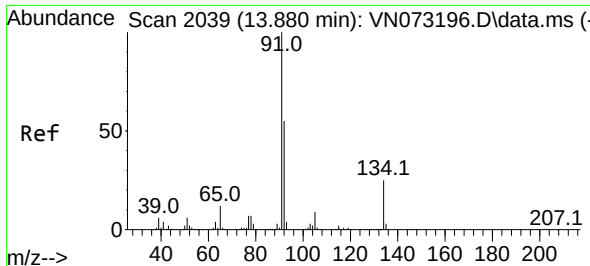
Tgt Ion:105 Resp:21246108
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 40.777 ug/l
 RT: 13.498 min Scan# 1974
 Delta R.T. -0.053 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

Tgt Ion:119 Resp: 739652
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 23.1 11.3 33.9

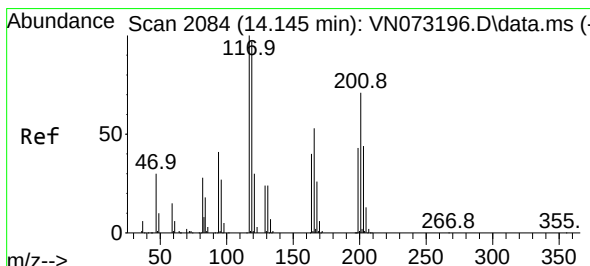
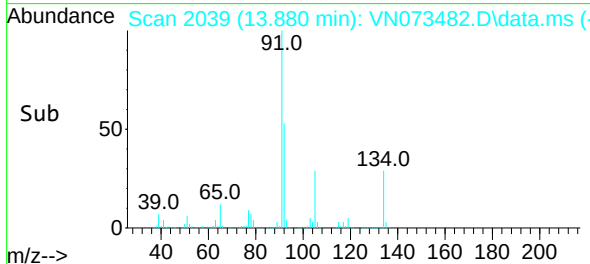
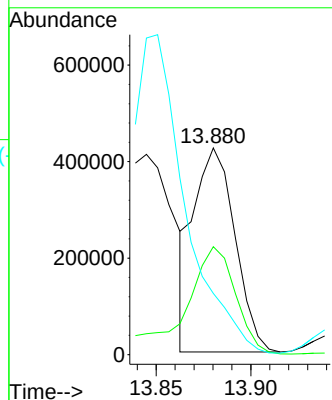
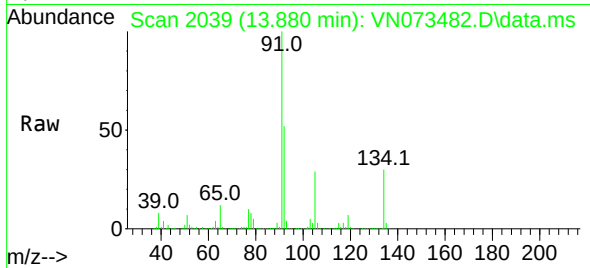




#89
n-Butylbenzene
Concen: 42.212 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

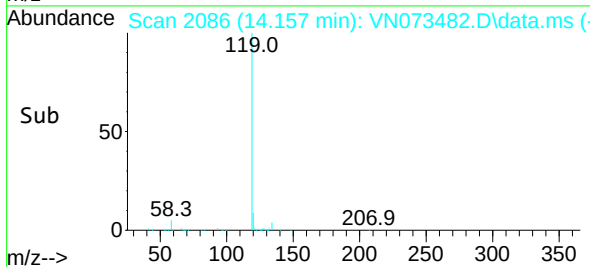
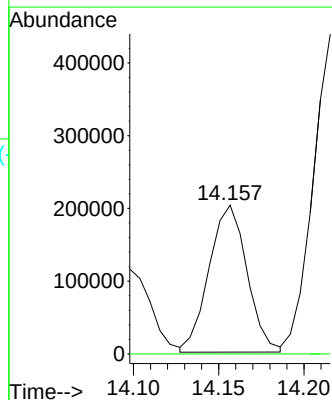
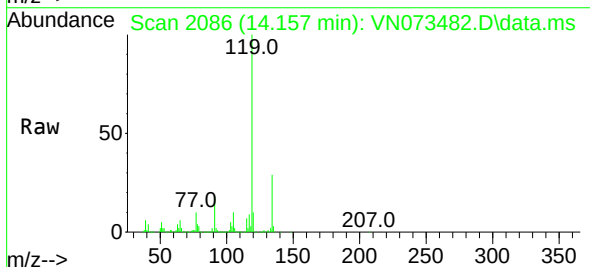
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

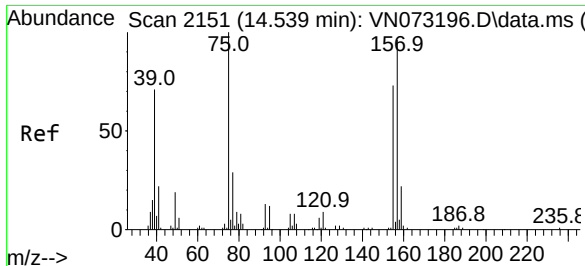
Tgt Ion: 91 Resp: 638043
Ion Ratio Lower Upper
91 100
92 59.9 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 92.598 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.012 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion: 117 Resp: 313021
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

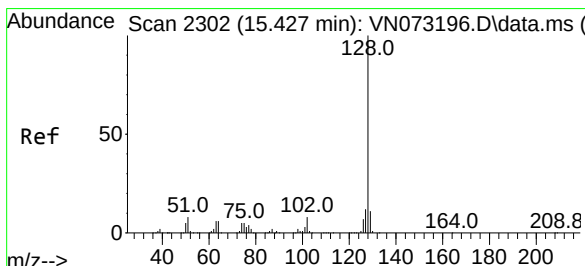
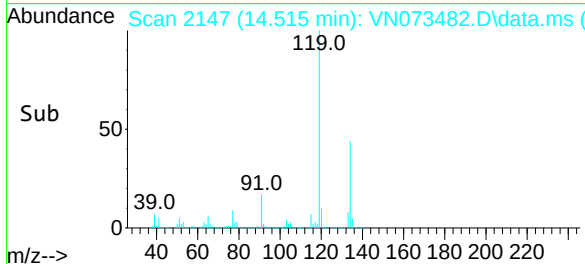
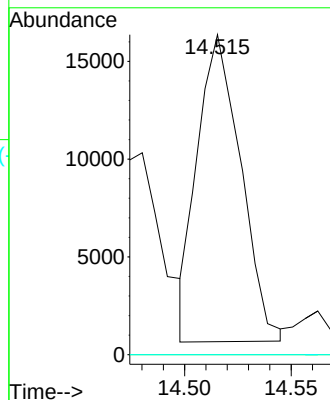
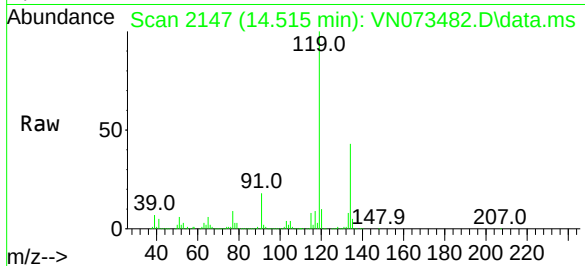




#92
1,2-Dibromo-3-Chloropropane
Concen: 11.995 ug/l
RT: 14.515 min Scan# 2151
Delta R.T. -0.024 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

Tgt Ion: 75 Resp: 22140
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 857.690 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:128 Resp:17517540
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 11.7 8.6 13.0

