

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073166.D
 Acq On : 27 Jun 2022 16:52
 Operator : JC\MD
 Sample : N3422-09
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-13

Quant Time: Jun 27 17:48:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	326941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	525431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	516043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	439096	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	192517	43.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.100%
35) Dibromofluoromethane	7.945	113	157432	48.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.375	98	580288	48.019	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.669	95	285569	65.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	131.440%#

Target Compounds			Qvalue			
3) Chloromethane	2.263	50	876	0.828	ug/l #	82
14) Allyl chloride	4.769	41	1554	0.232	ug/l #	24
16) Acetone	4.251	43	47741	19.649	ug/l	91
17) Carbon Disulfide	4.387	76	3774	0.471	ug/l #	77
18) Methyl Acetate	4.775	43	39157	6.052	ug/l #	64
20) Methylene Chloride	4.975	84	2854	0.518	ug/l #	74
25) 2-Butanone	7.281	43	60198	15.613	ug/l	94
26) 2,2-Dichloropropane	7.216	77	190	Below Cal		85
29) Tetrahydrofuran	7.628	42	3874	1.522	ug/l #	74
31) Cyclohexane	8.004	56	39366	6.584	ug/l #	85
36) 1,1-Dichloropropene	8.010	75	26314	5.988	ug/l #	52
37) Ethyl Acetate	7.281	43	60198	8.564	ug/l #	67
38) Carbon Tetrachloride	8.004	117	33668	7.284	ug/l #	19
39) Methylcyclohexane	9.386	83	111690	21.086	ug/l	95
40) Benzene	8.381	78	7430	0.538	ug/l #	82
43) Isopropyl Acetate	8.475	43	9232	0.919	ug/l #	53
45) 1,2-Dichloropropane	9.439	63	776	0.220	ug/l #	83
47) Bromodichloromethane	9.675	83	2710	0.571	ug/l #	40
48) Methyl methacrylate	9.433	41	5076	1.107	ug/l #	51
49) 1,4-Dioxane	9.545	88	102	0.988	ug/l #	25
51) 4-Methyl-2-Pentanone	10.275	43	5494	0.839	ug/l	95
52) Toluene	10.439	92	25289	2.983	ug/l	91
55) 1,1,2-Trichloroethane	10.810	97	25596	6.875	ug/l #	20
56) Ethyl methacrylate	10.716	69	10712	1.795	ug/l #	1
59) 2-Hexanone	11.033	43	24280	4.791	ug/l	94
61) 1,2-Dibromoethane	11.269	107	781	0.213	ug/l #	3
65) Chlorobenzene	11.710	112	3228	0.320	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.775	131	1387	0.362	ug/l #	44
67) Ethyl Benzene	11.786	91	51209	2.886	ug/l	92
68) m/p-Xylenes	11.886	106	75700	10.879	ug/l	96
69) o-Xylene	12.216	106	45336	6.520	ug/l	97
70) Styrene	12.210	104	3747	0.336	ug/l #	1
71) Bromoform	12.369	173	40333	13.945	ug/l #	28
73) Isopropylbenzene	12.516	105	28718	0.845	ug/l	82
74) N-amyl acetate	12.304	43	101664	5.767	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.757	83	3217	0.263	ug/l #	1

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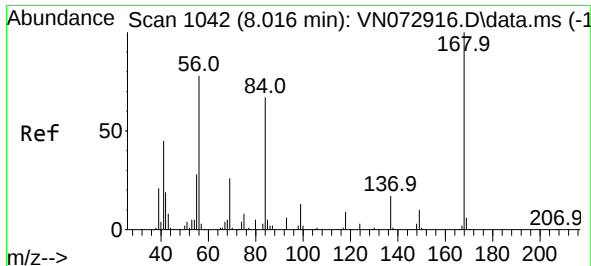
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-13

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

76) 1,2,3-Trichloropropane	12.951	75	13998	1.315	ug/l #	1	
77) Bromobenzene	12.686	156	618413	75.991	ug/l #	1	
78) n-propylbenzene	12.857	91	59776	1.600	ug/l	99	
79) 2-Chlorotoluene	12.951	91	10726	0.443	ug/l #	40	
80) 1,3,5-Trimethylbenzene	12.998	105	183980	6.594	ug/l	78	
81) trans-1,4-Dichloro-2-b...	12.669	75	181320	45.997	ug/l #	12	
82) 4-Chlorotoluene	12.998	91	21326	0.932	ug/l #	40	
83) tert-Butylbenzene	13.304	119	37801	1.479	ug/l #	59	
84) 1,2,4-Trimethylbenzene	13.304	105	393374	14.154	ug/l	88	
85) sec-Butylbenzene	13.439	105	29571	0.867	ug/l #	74	
86) p-Isopropyltoluene	13.551	119	318920	11.555	ug/l	94	
87) 1,3-Dichlorobenzene	13.545	146	3929	0.270	ug/l #	1	
88) 1,4-Dichlorobenzene	13.633	146	10009	0.681	ug/l #	19	
89) n-Butylbenzene	13.874	91	30287	1.344	ug/l #	47	
90) Hexachloroethane	14.151	117	10831	2.082	ug/l #	15	
91) 1,2-Dichlorobenzene	13.933	146	10807	0.713	ug/l #	1	
92) 1,2-Dibromo-3-Chloropr...	14.515	75	3441	1.034	ug/l #	1	
95) Naphthalene	15.433	128	371622	10.955	ug/l #	77	
96) 1,2,3-Trichlorobenzene	15.639	180	2769	0.309	ug/l #	12	

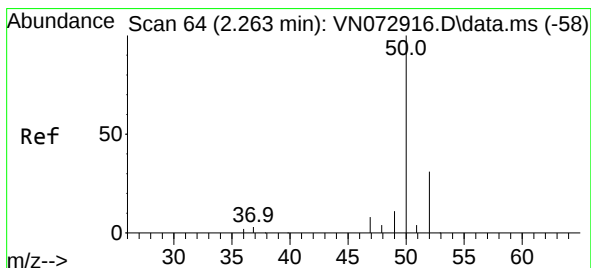
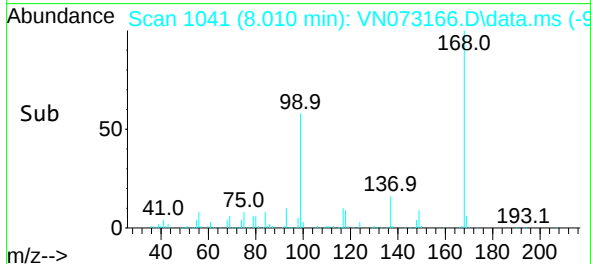
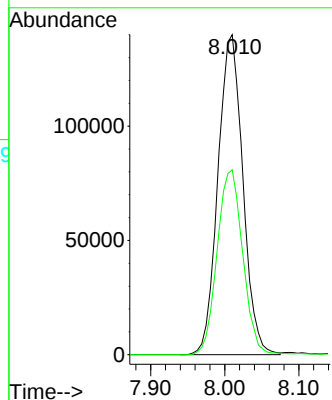
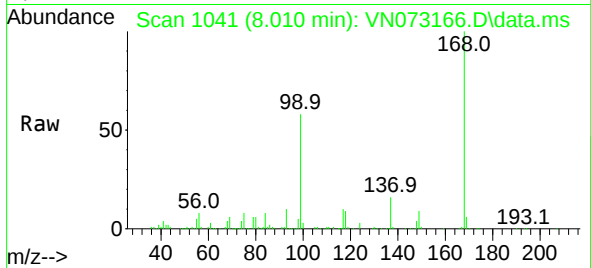
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

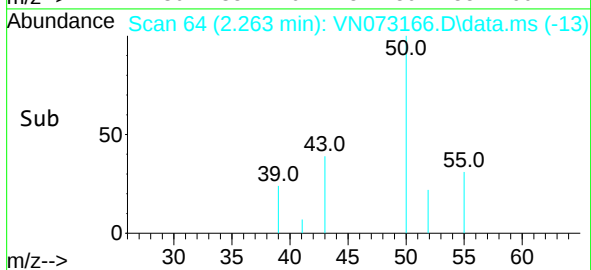
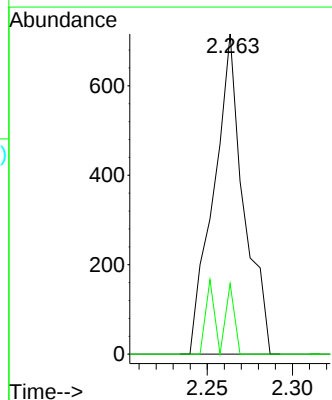
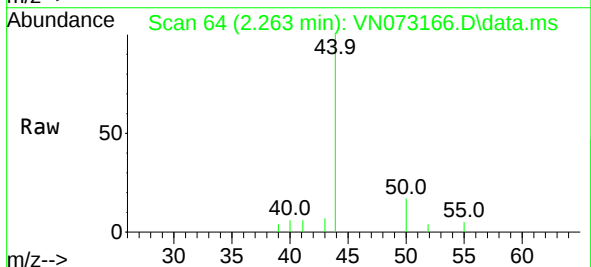
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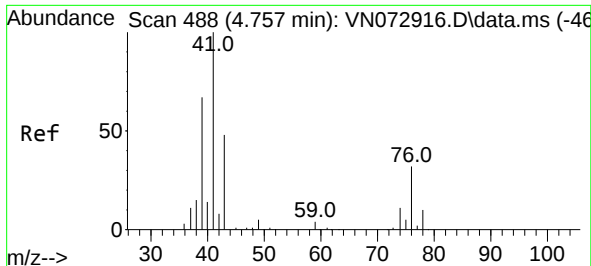
Tgt Ion:168 Resp: 326941
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#3
Chloromethane
Concen: 0.828 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 22.1 25.7 38.5#

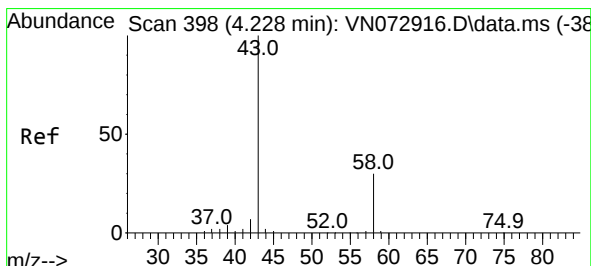
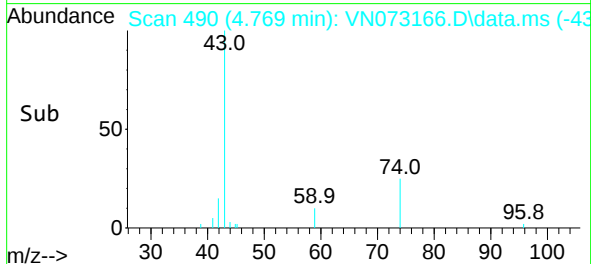
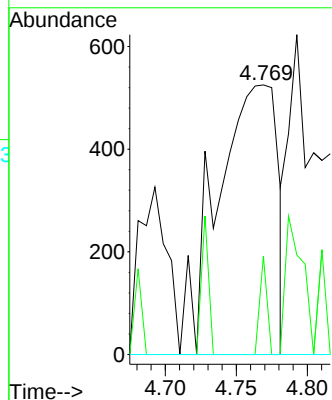
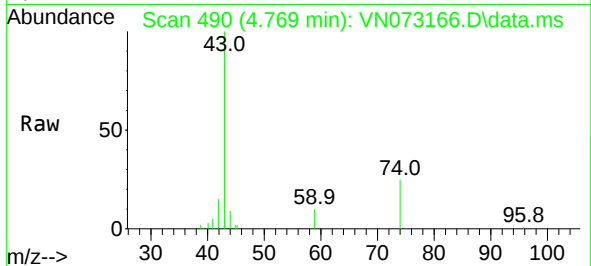




#14
 Allyl chloride
 Concen: 0.232 ug/l
 RT: 4.769 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

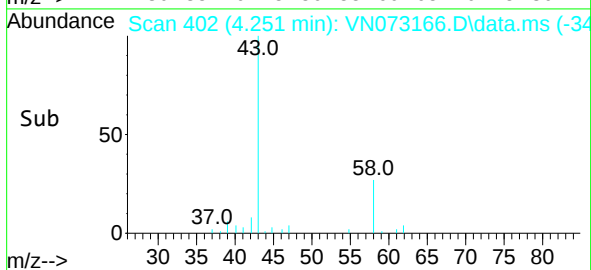
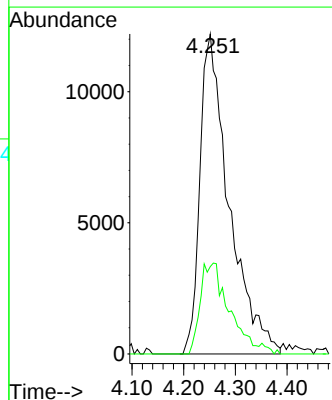
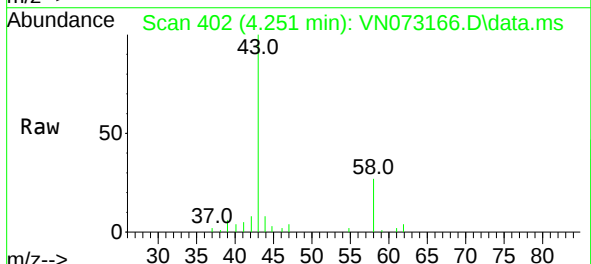
Instrument :
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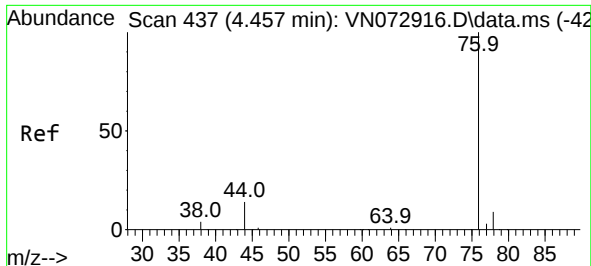
Tgt Ion: 41 Resp: 1554
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 19.649 ug/l
 RT: 4.251 min Scan# 402
 Delta R.T. 0.024 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

Tgt Ion: 43 Resp: 47741
 Ion Ratio Lower Upper
 43 100
 58 27.3 26.0 39.0

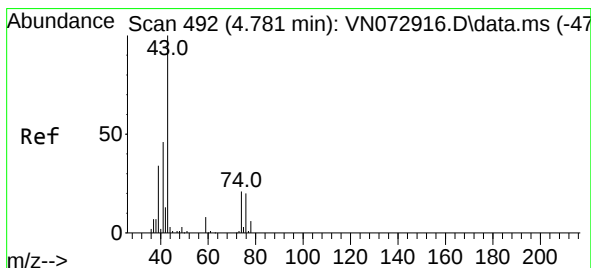
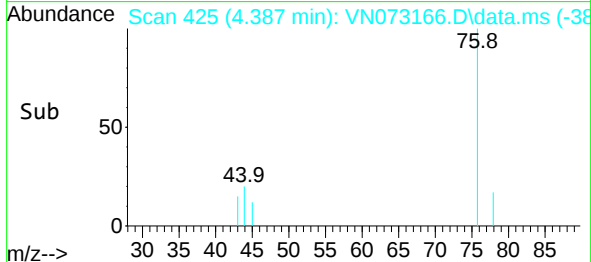
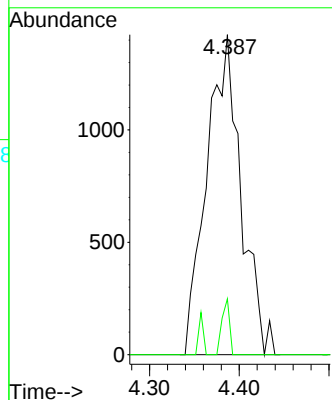
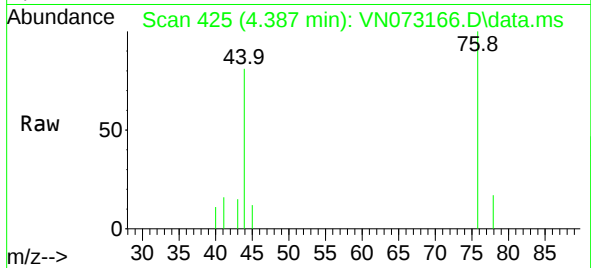




#17
Carbon Disulfide
Concen: 0.471 ug/l
RT: 4.387 min Scan# 41
Delta R.T. -0.070 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

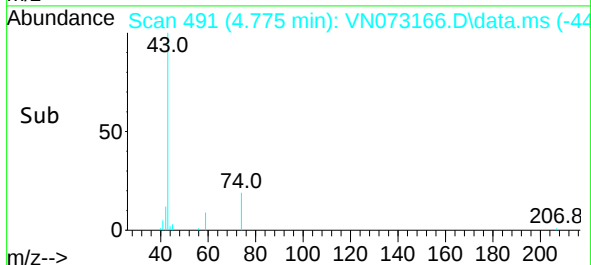
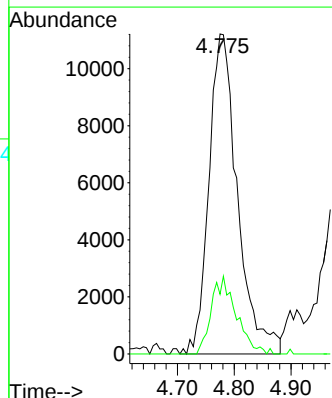
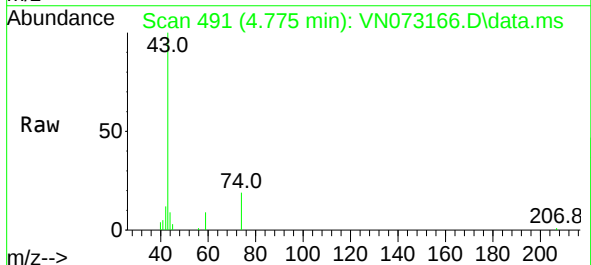
Instrument :
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WC-14A-1A-13

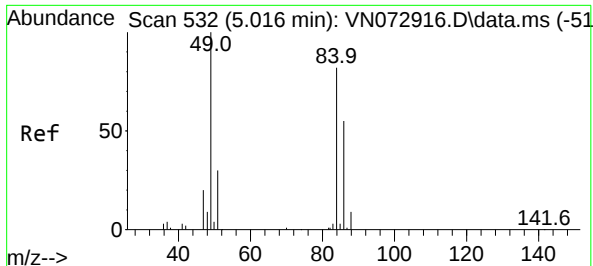
Tgt Ion: 76 Resp: 3774
Ion Ratio Lower Upper
76 100
78 17.4 7.2 10.8#



#18
Methyl Acetate
Concen: 6.052 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 43 Resp: 39157
Ion Ratio Lower Upper
43 100
74 8.5 21.6 32.4#

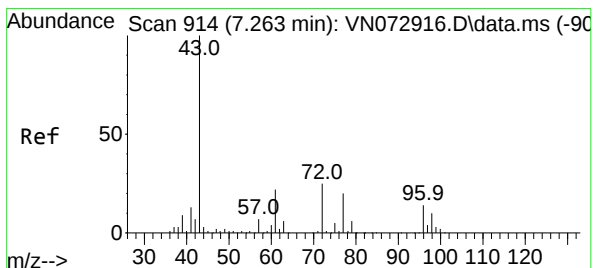
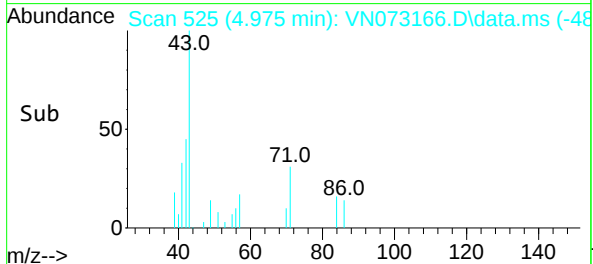
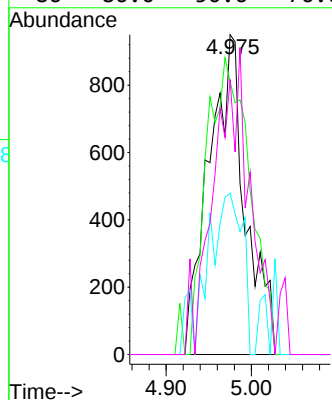
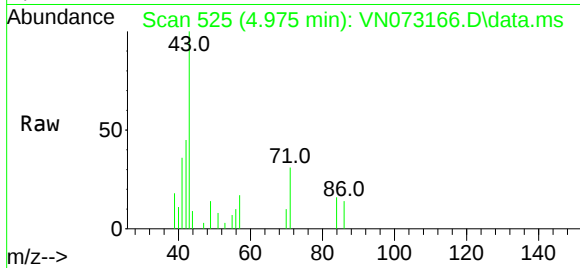




#20
Methylene Chloride
Concen: 0.518 ug/l
RT: 4.975 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

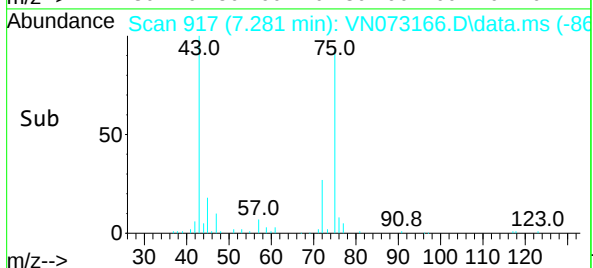
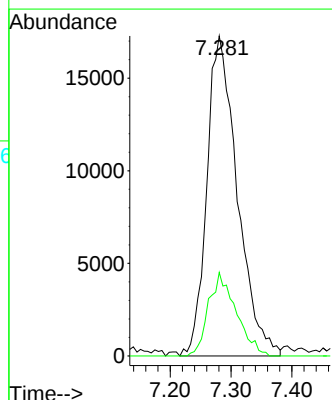
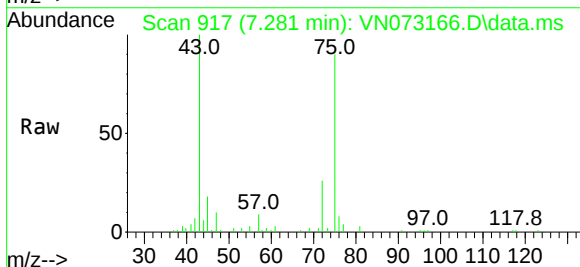
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

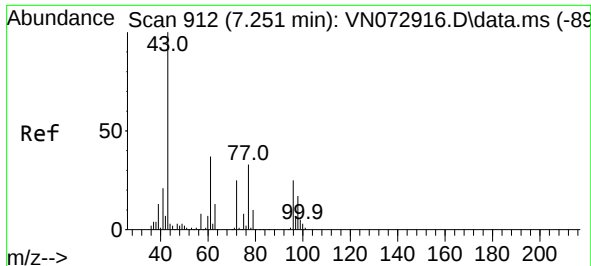
Tgt Ion:	84	Resp:	2854
Ion	Ratio	Lower	Upper
84	100		
49	85.4	88.3	132.5#
51	50.4	28.2	42.2#
86	86.0	50.6	76.0#



#25
2-Butanone
Concen: 15.613 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:	43	Resp:	60198
Ion	Ratio	Lower	Upper
43	100		
72	26.1	23.7	35.5

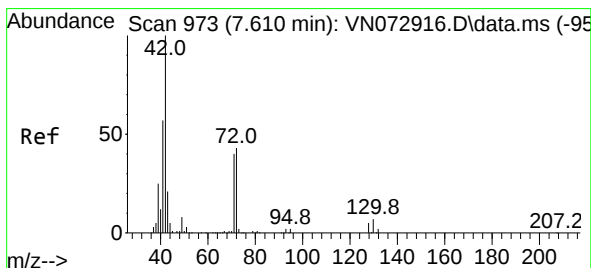
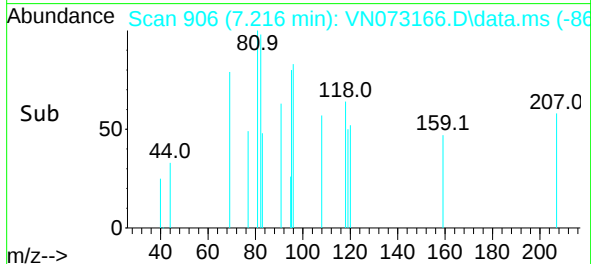
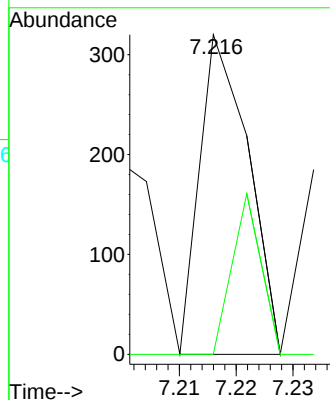
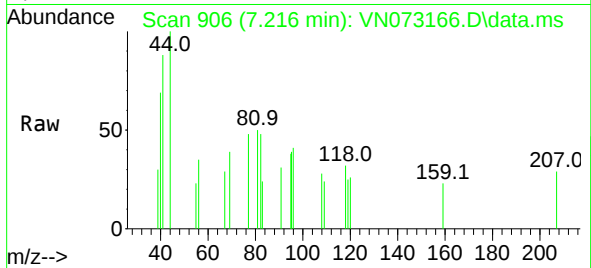




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.216 min Scan# 906
Delta R.T. -0.035 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

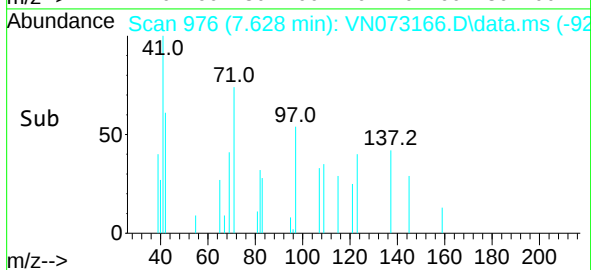
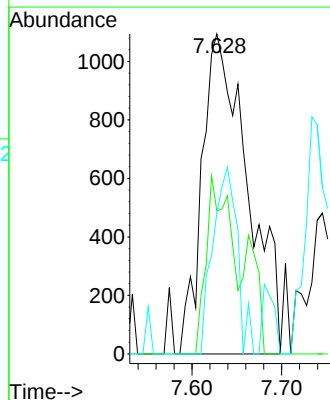
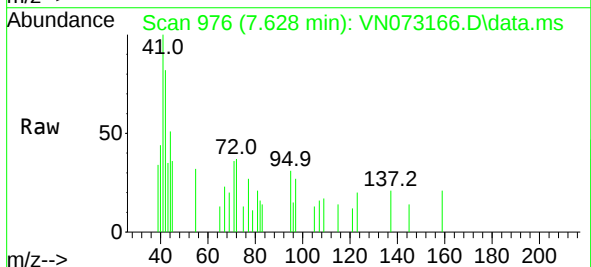
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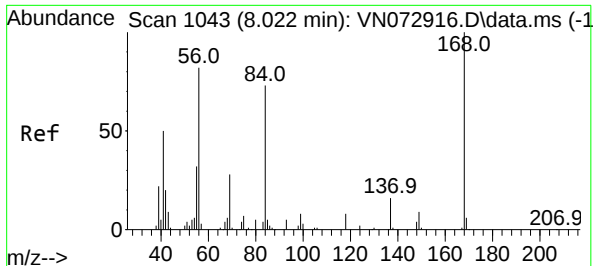
Tgt Ion: 77 Resp: 190
Ion Ratio Lower Upper
77 100
97 30.0 11.4 34.2



#29
Tetrahydrofuran
Concen: 1.522 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 42 Resp: 3874
Ion Ratio Lower Upper
42 100
72 29.4 39.7 59.5#
71 31.2 36.6 55.0#

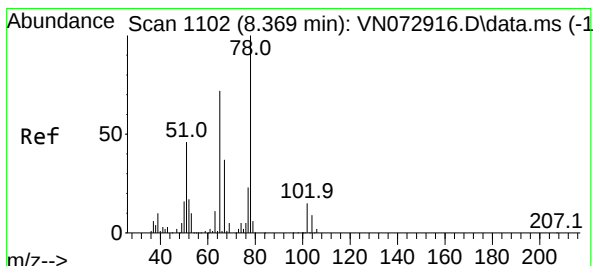
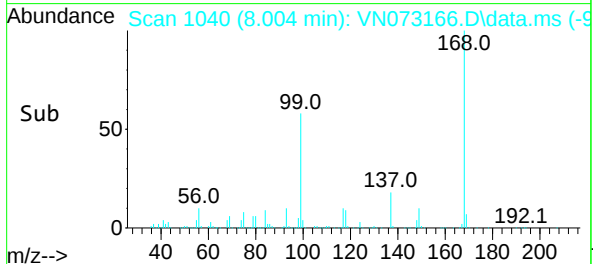
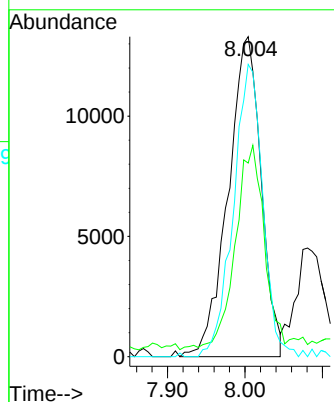
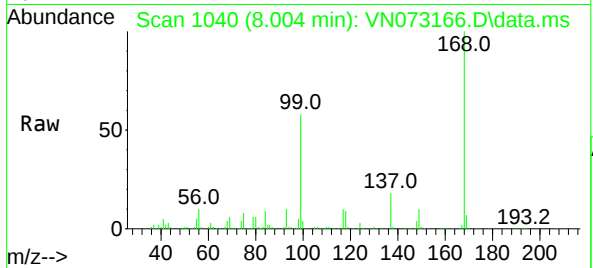




#31
Cyclohexane
Concen: 6.584 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

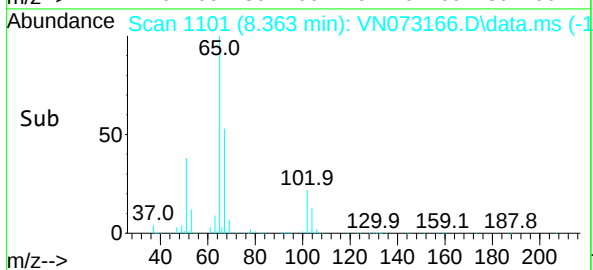
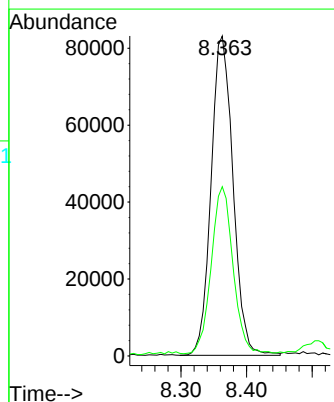
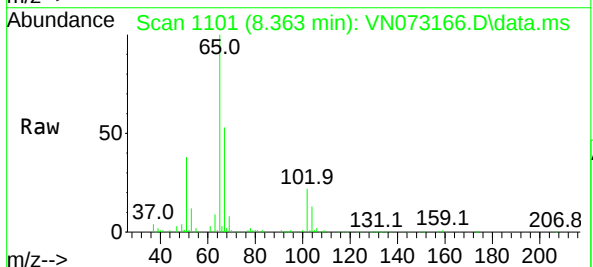
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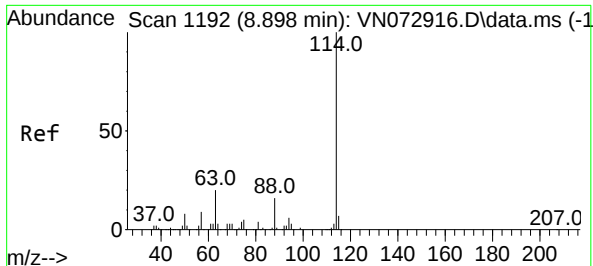
Tgt Ion: 56 Resp: 39366
Ion Ratio Lower Upper
56 100
69 58.3 27.8 41.8#
84 90.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.554 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 65 Resp: 192517
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-13

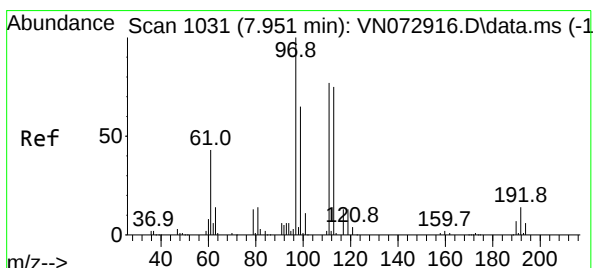
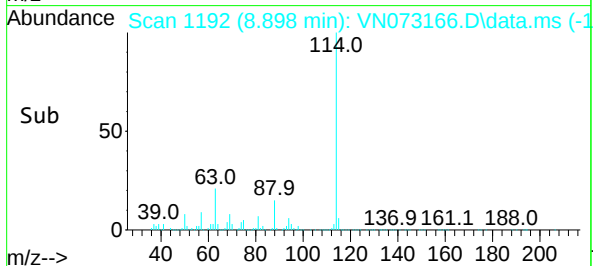
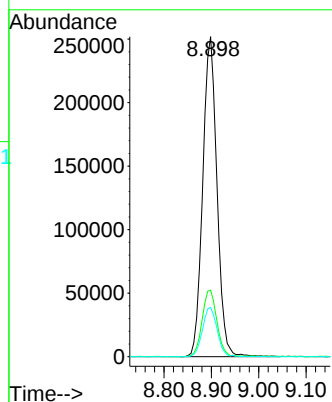
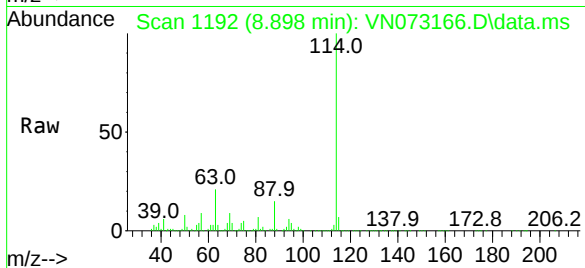
Tgt Ion:114 Resp: 525431

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

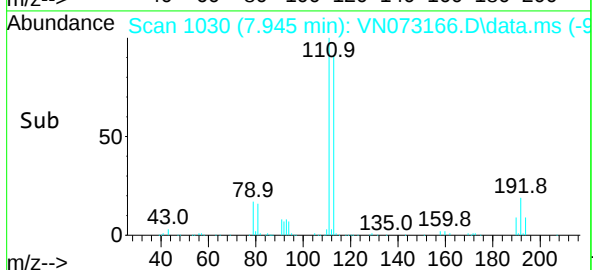
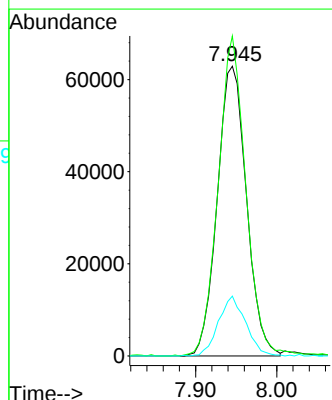
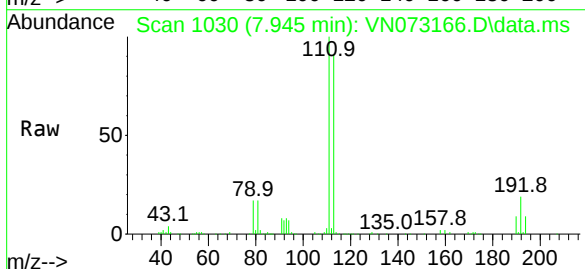
Tgt Ion:113 Resp: 157432

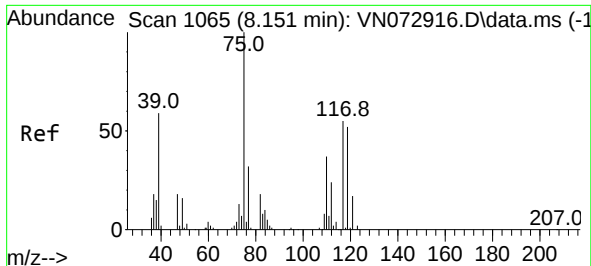
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.988 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-13

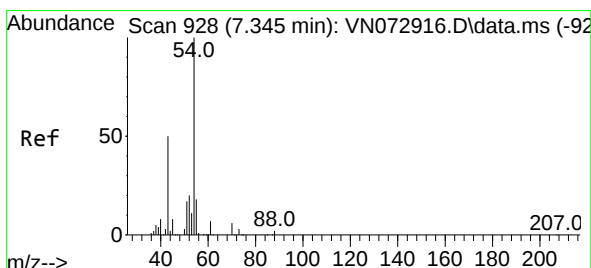
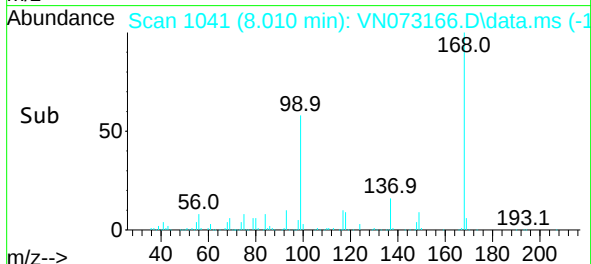
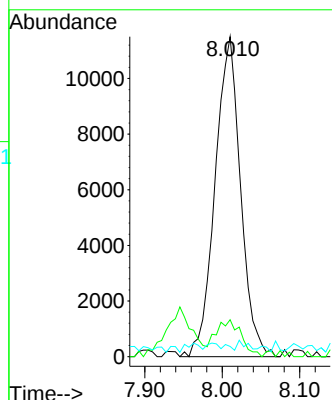
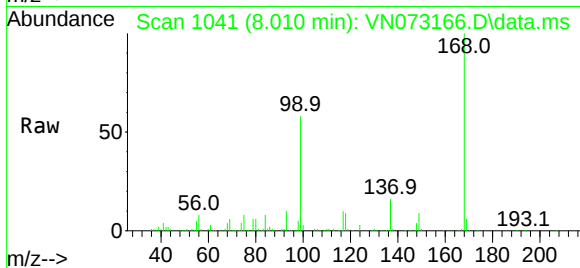
Tgt Ion: 75 Resp: 26314

Ion Ratio Lower Upper

75 100

110 11.4 18.3 54.8#

77 1.2 25.1 37.7#



#37

Ethyl Acetate

Concen: 8.564 ug/l

RT: 7.281 min Scan# 917

Delta R.T. -0.065 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

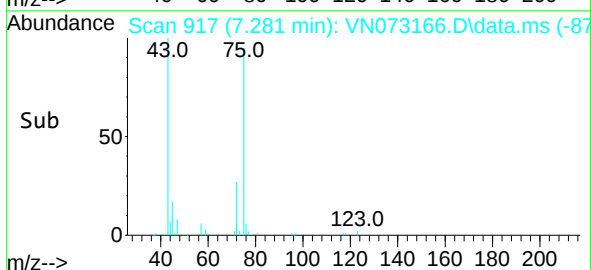
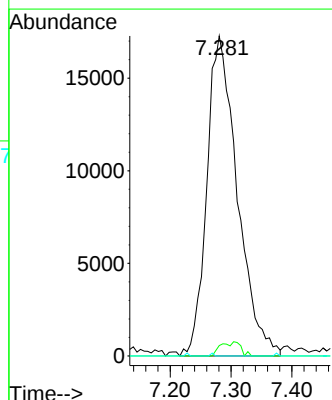
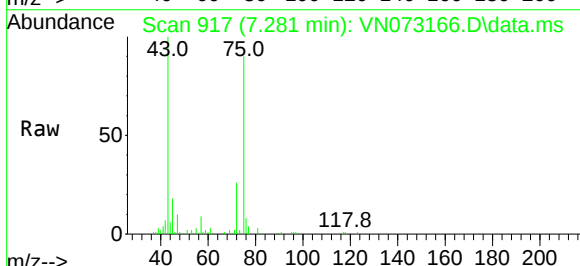
Tgt Ion: 43 Resp: 60198

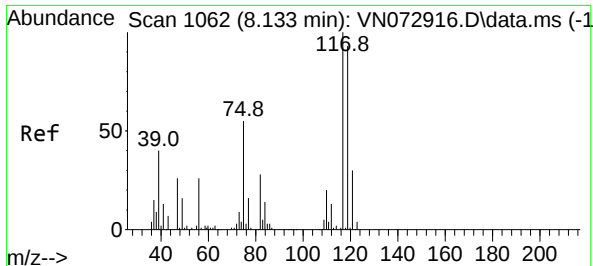
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.1 9.3 13.9#

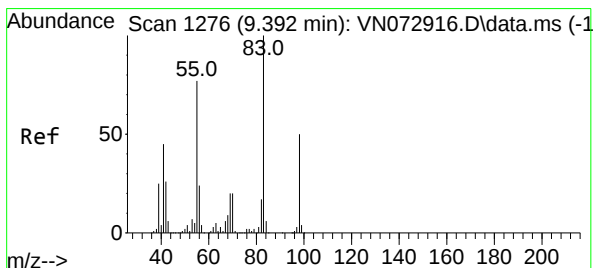
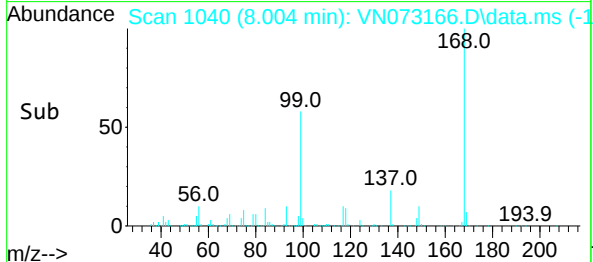
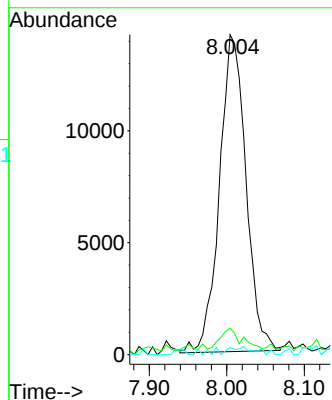
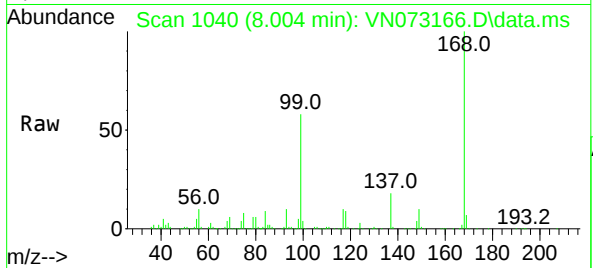




#38
Carbon Tetrachloride
Concen: 7.284 ug/l
RT: 8.004 min Scan# 117
Delta R.T. -0.129 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

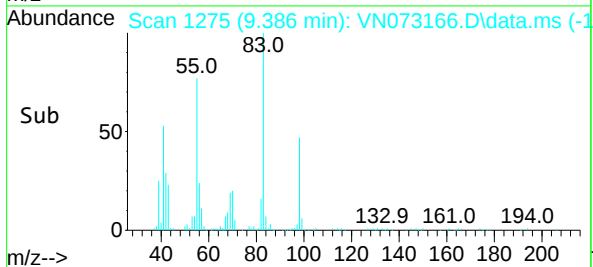
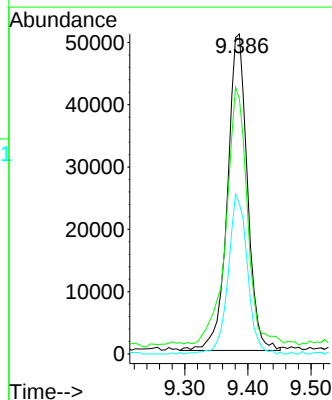
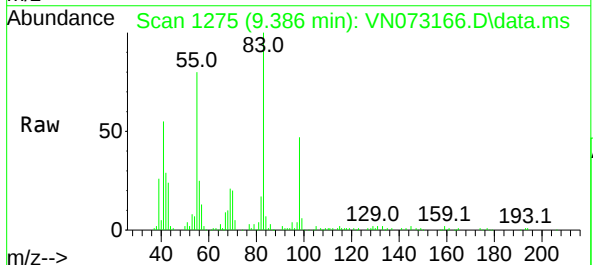
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

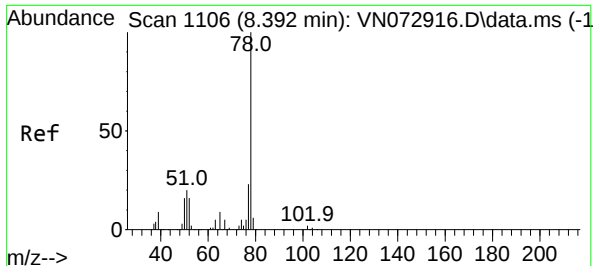
Tgt Ion:117 Resp: 33668
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 2.2 24.6 37.0#



#39
Methylcyclohexane
Concen: 21.086 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 83 Resp: 111690
Ion Ratio Lower Upper
83 100
55 77.0 57.8 86.8
98 47.0 39.4 59.2

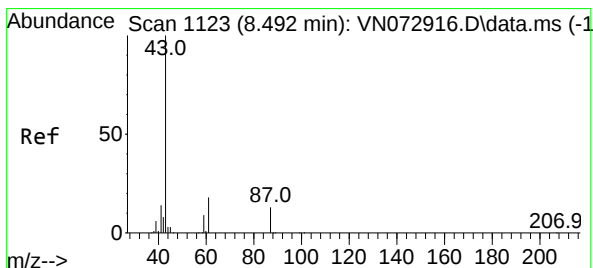
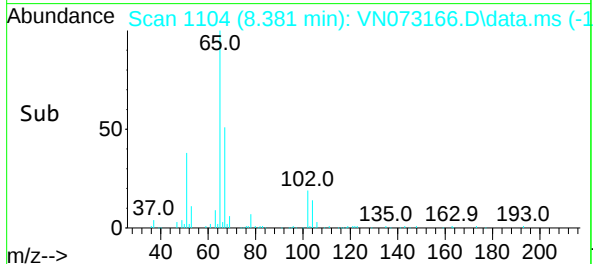
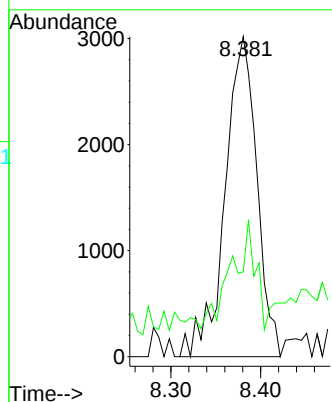
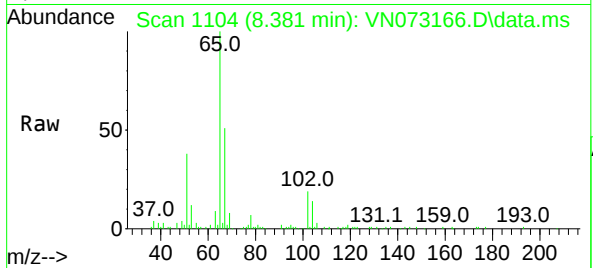




#40
Benzene
Concen: 0.538 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

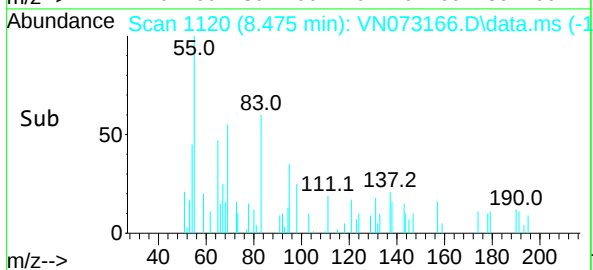
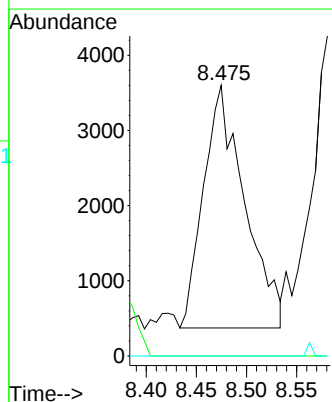
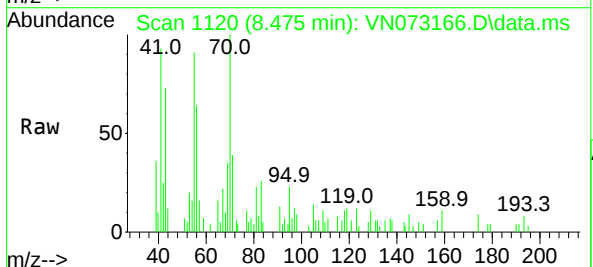
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

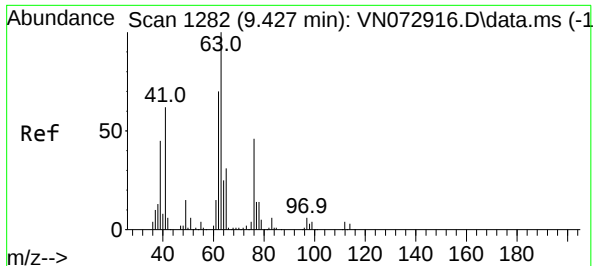
Tgt Ion: 78 Resp: 7430
Ion Ratio Lower Upper
78 100
77 15.1 19.4 29.0#



#43
Isopropyl Acetate
Concen: 0.919 ug/l
RT: 8.475 min Scan# 1120
Delta R.T. -0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 43 Resp: 9232
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.220 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

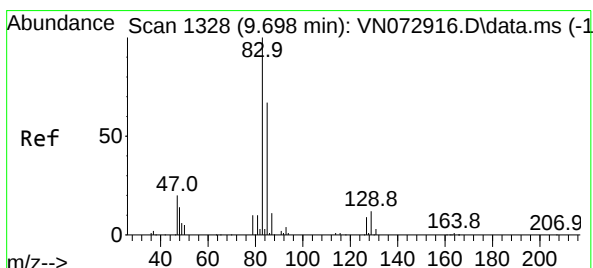
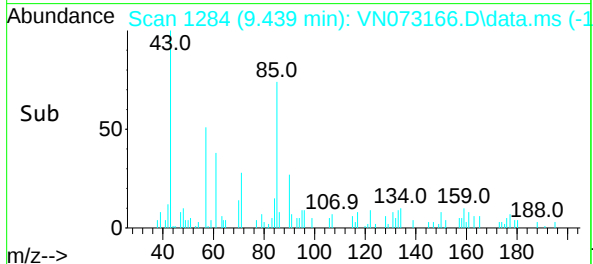
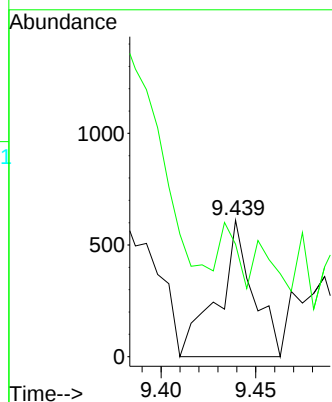
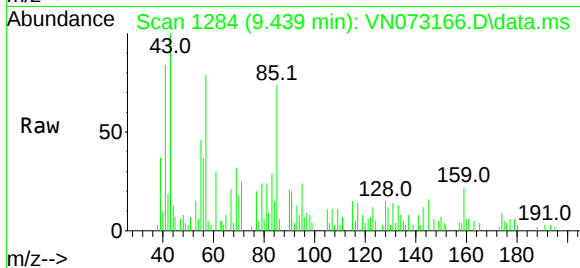
WC-14A-1A-13

Tgt Ion: 63 Resp: 776

Ion Ratio Lower Upper

63 100

65 21.6 24.9 37.3#



#47

Bromodichloromethane

Concen: 0.571 ug/l

RT: 9.675 min Scan# 1324

Delta R.T. -0.023 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

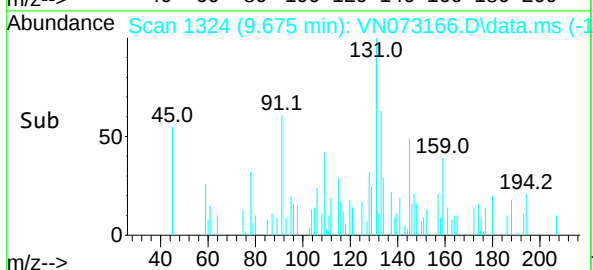
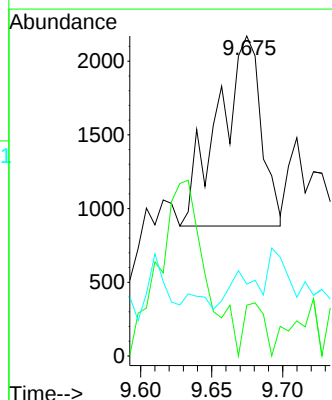
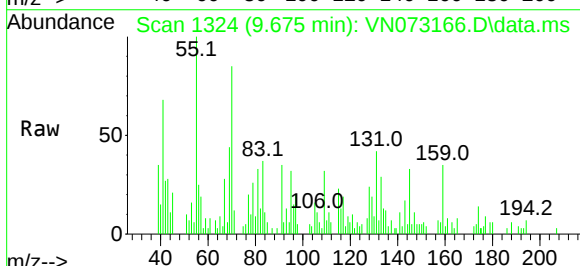
Tgt Ion: 83 Resp: 2710

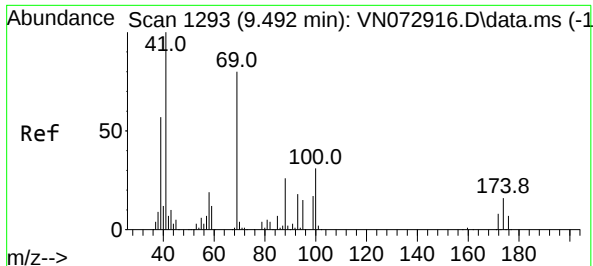
Ion Ratio Lower Upper

83 100

85 11.1 50.5 75.7#

127 11.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 1.107 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.059 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-13

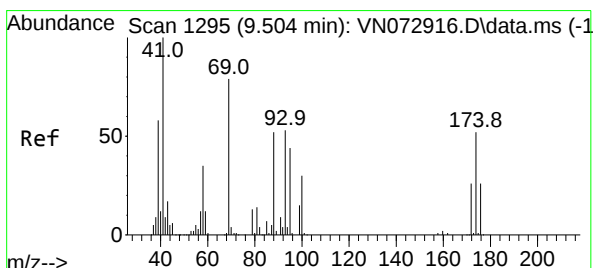
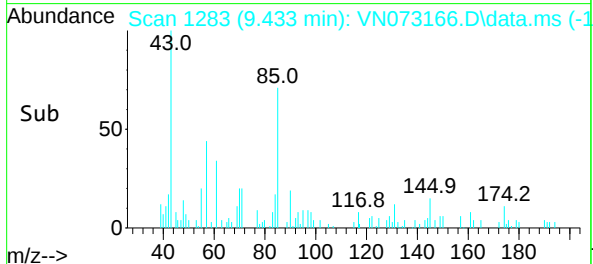
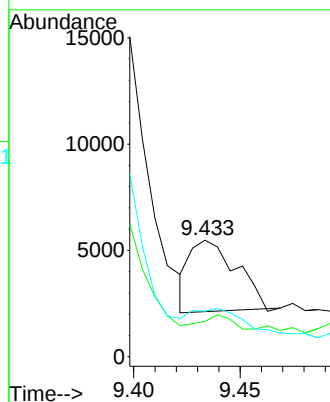
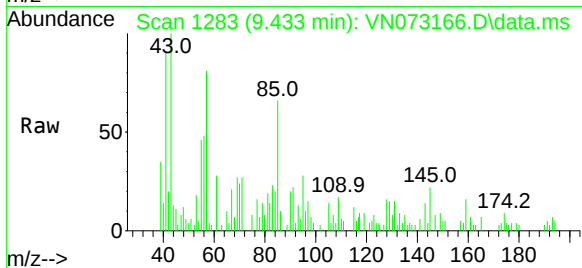
Tgt Ion: 41 Resp: 5076

Ion Ratio Lower Upper

41 100

69 18.2 74.7 112.1#

39 55.9 45.6 68.4



#49

1,4-Dioxane

Concen: 0.988 ug/l

RT: 9.545 min Scan# 1302

Delta R.T. 0.041 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

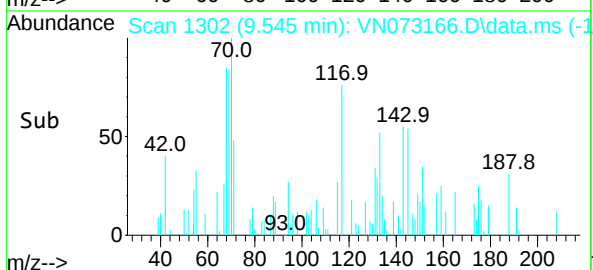
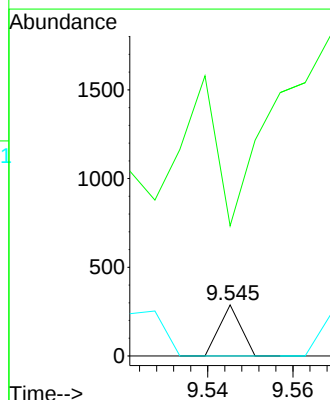
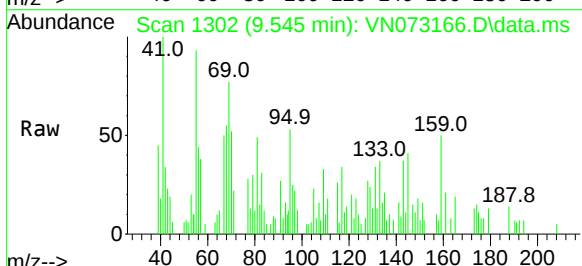
Tgt Ion: 88 Resp: 102

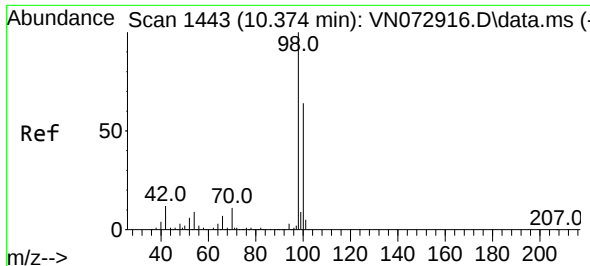
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

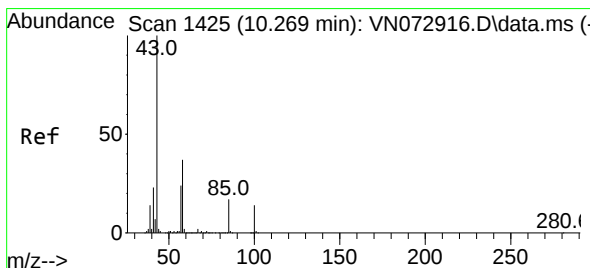
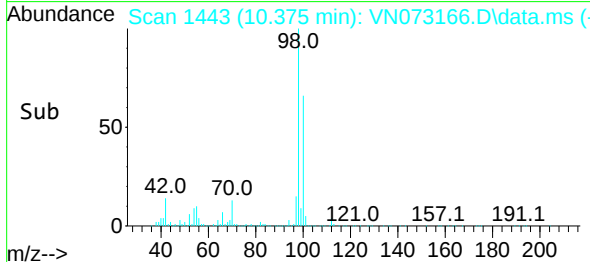
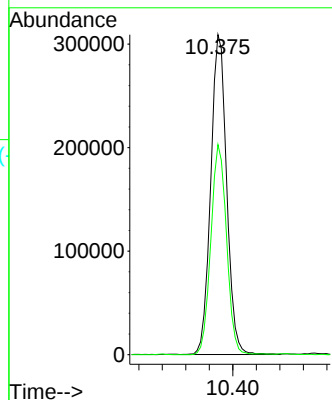
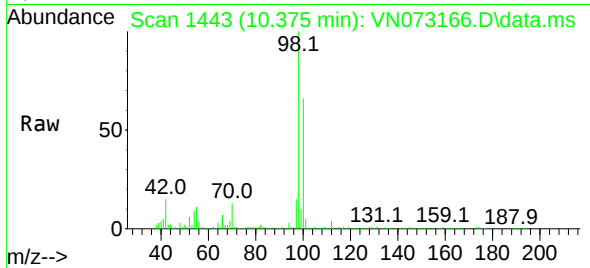




#50
Toluene-d8
Concen: 48.019 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

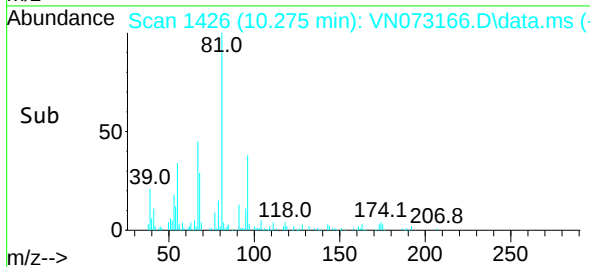
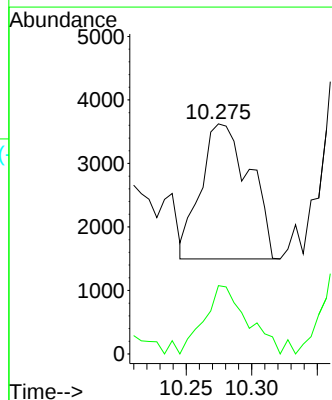
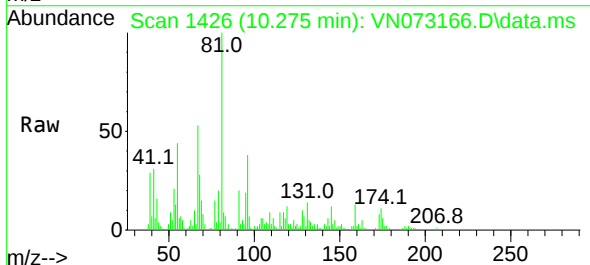
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

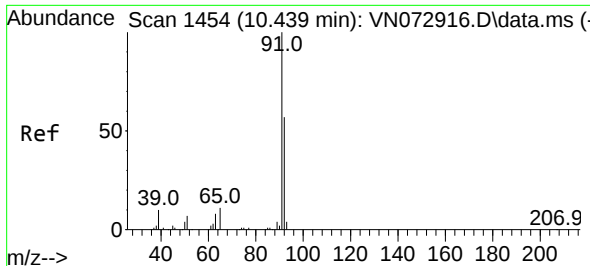
Tgt Ion: 98 Resp: 580288
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.839 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
58 45.6 34.1 51.1

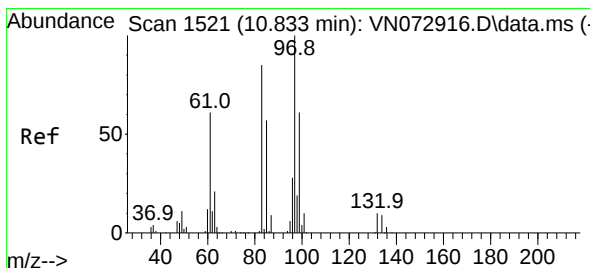
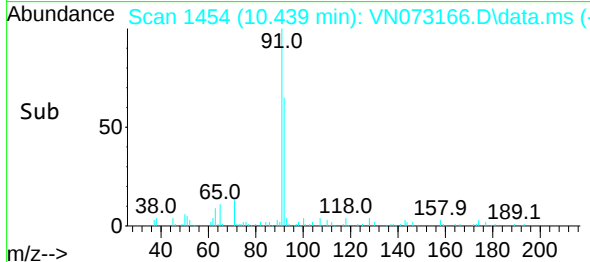
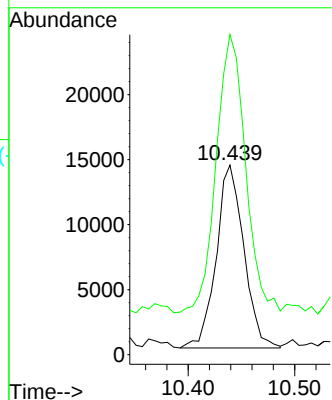
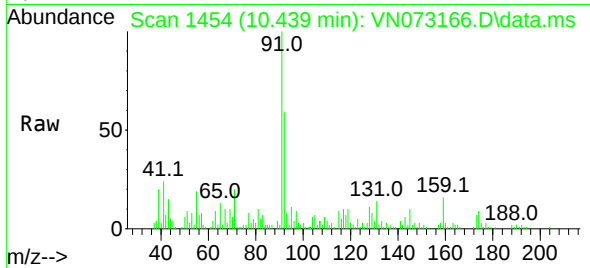




#52
Toluene
Concen: 2.983 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

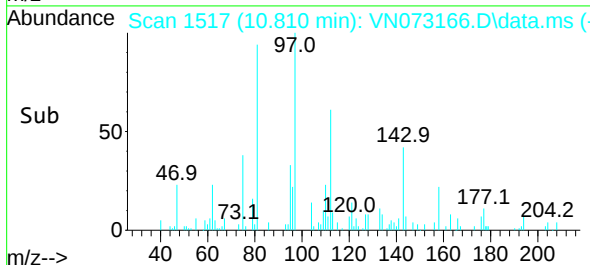
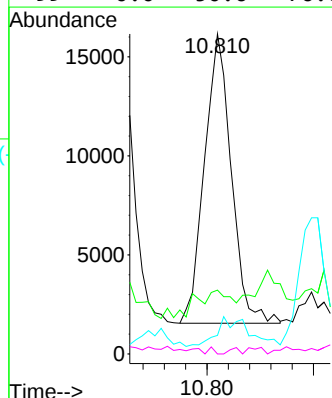
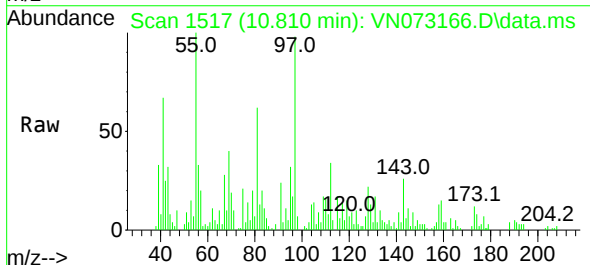
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

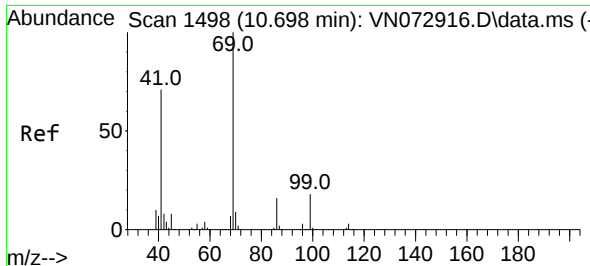
Tgt Ion: 92 Resp: 25289
Ion Ratio Lower Upper
92 100
91 160.7 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 6.875 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 97 Resp: 25596
Ion Ratio Lower Upper
97 100
83 6.8 66.2 99.4#
85 3.2 43.9 65.9#
99 0.0 50.6 76.0#

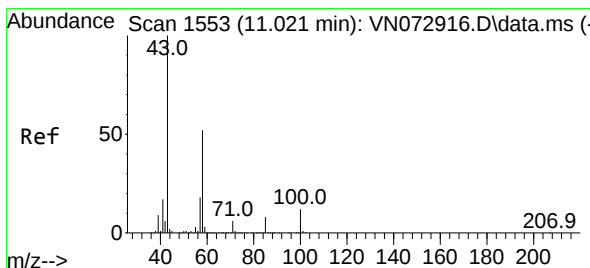
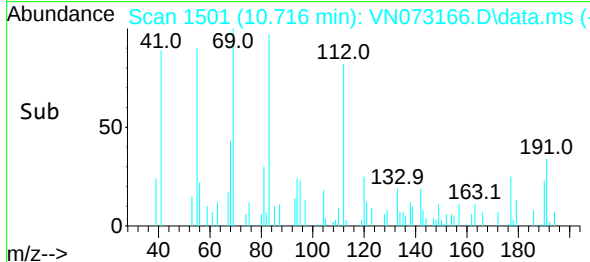
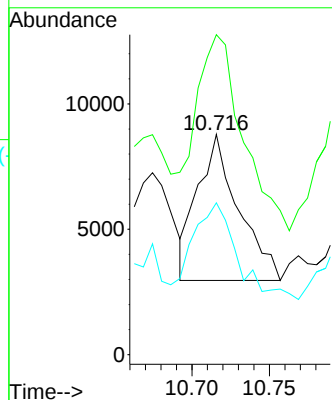
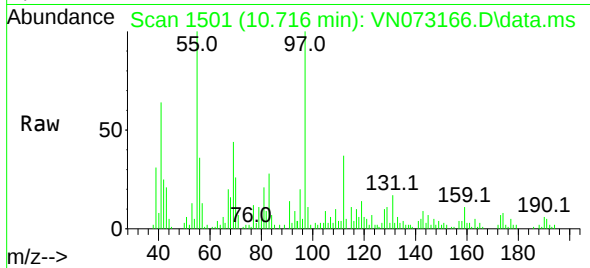




#56
Ethyl methacrylate
Concen: 1.795 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

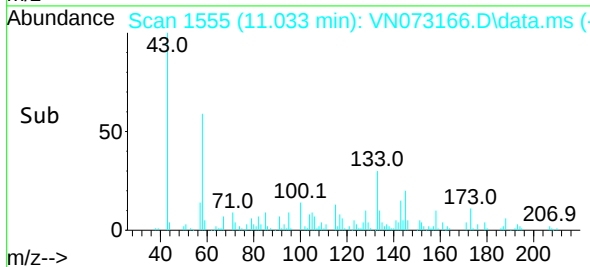
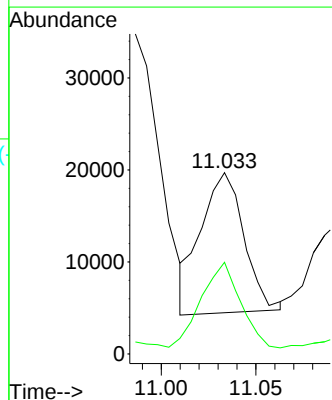
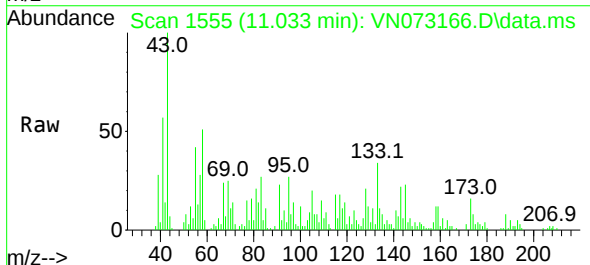
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

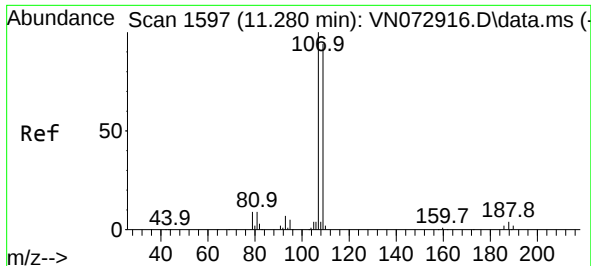
Tgt Ion: 69 Resp: 10712
Ion Ratio Lower Upper
69 100
41 157.7 47.8 71.6#
39 71.2 27.3 40.9#



#59
2-Hexanone
Concen: 4.791 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 43 Resp: 24280
Ion Ratio Lower Upper
43 100
58 63.7 29.7 89.1

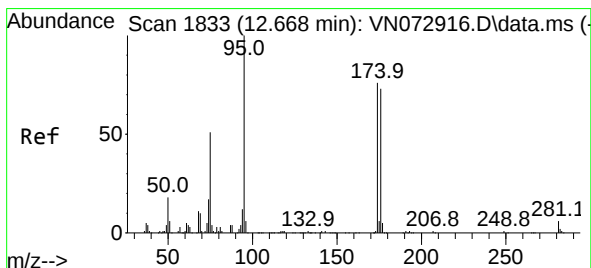
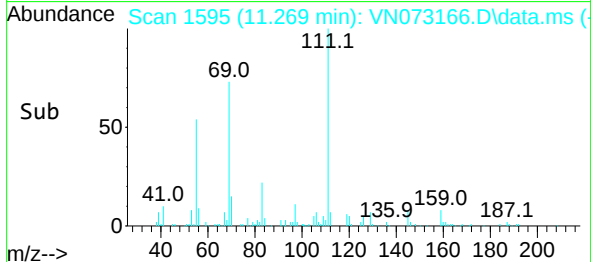
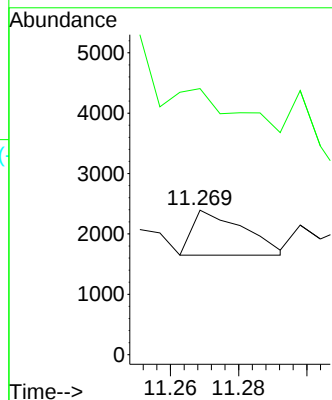
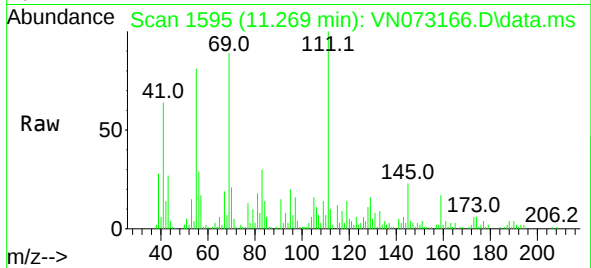




#61
1,2-Dibromoethane
Concen: 0.213 ug/l
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

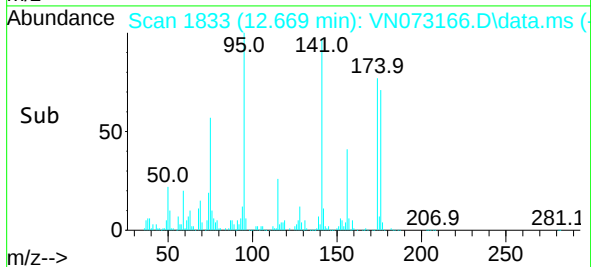
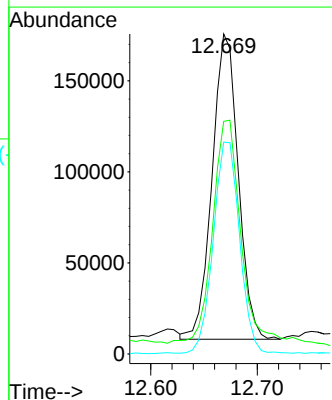
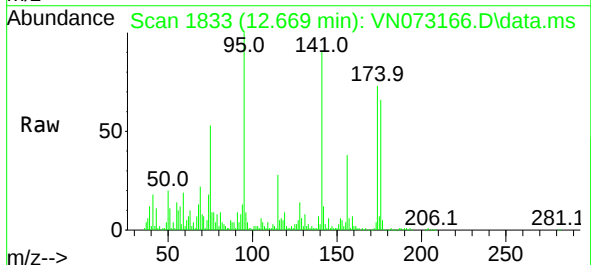
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

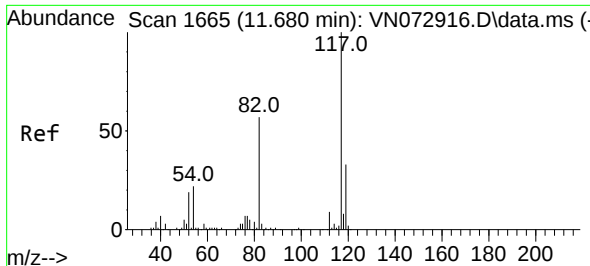
Tgt Ion:107 Resp: 781
Ion Ratio Lower Upper
107 100
109 0.0 75.0 112.6#



#62
4-Bromofluorobenzene
Concen: 65.717 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 95 Resp: 285569
Ion Ratio Lower Upper
95 100
174 91.7 0.0 167.6
176 69.5 0.0 163.4

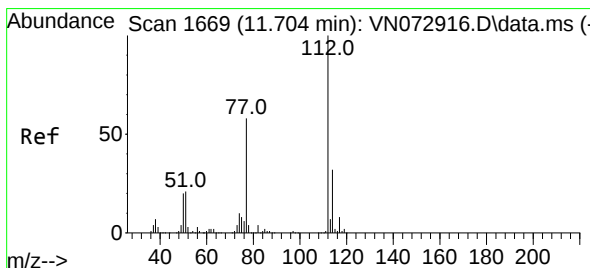
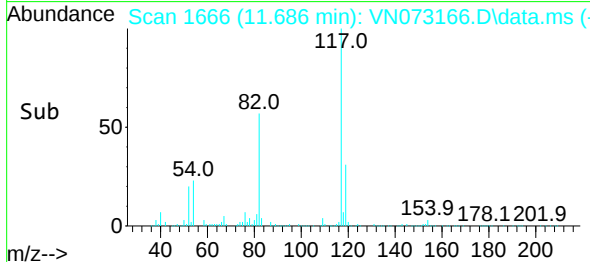
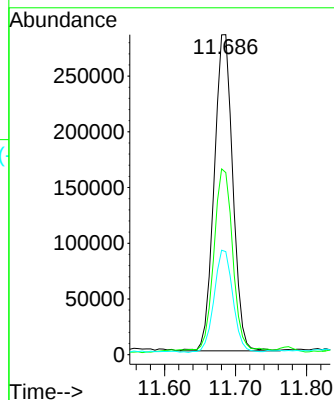
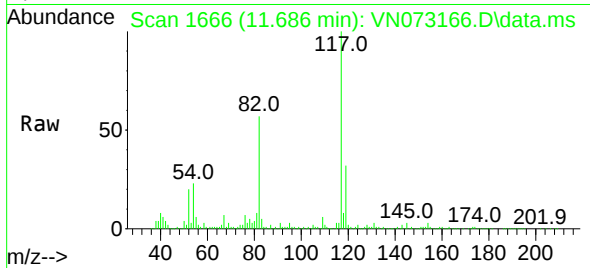




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

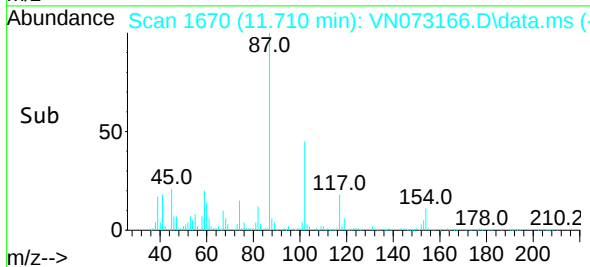
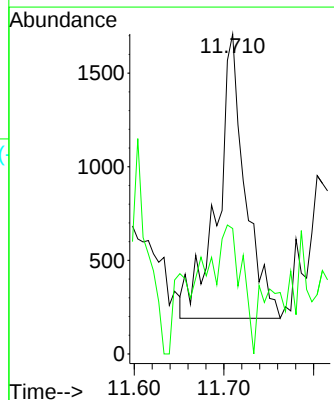
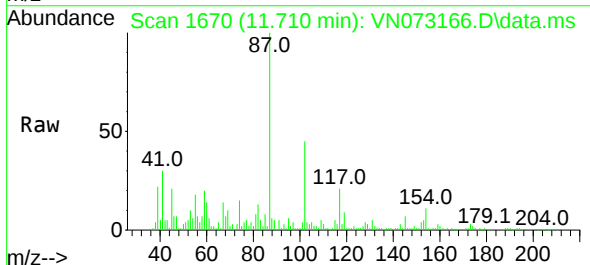
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

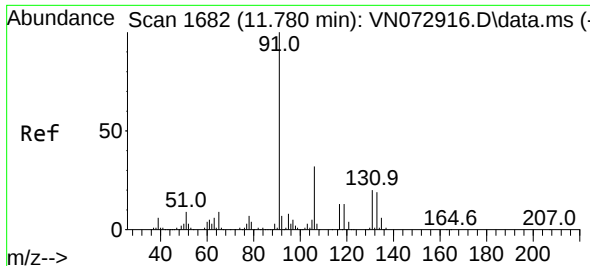
Tgt Ion:117 Resp: 516043
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.8 25.4 38.0



#65
Chlorobenzene
Concen: 0.320 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:112 Resp: 3228
Ion Ratio Lower Upper
112 100
114 22.5 25.4 38.2#

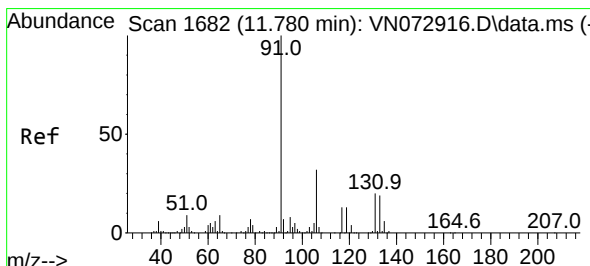
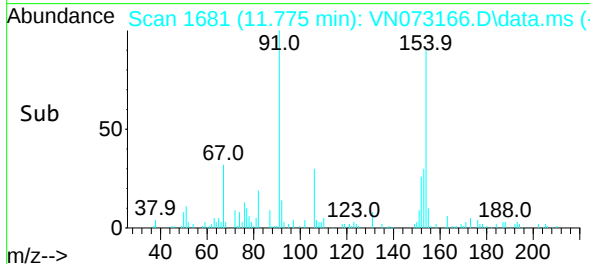
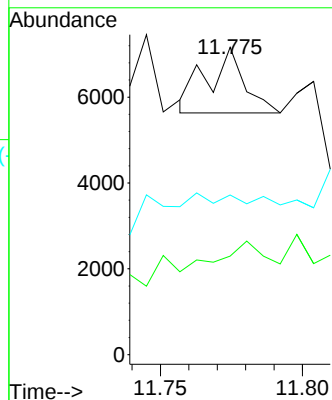
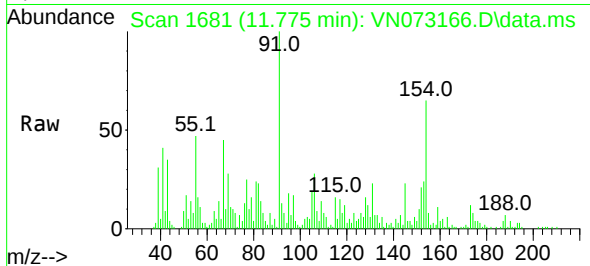




#66
1,1,1,2-Tetrachloroethane
Concen: 0.362 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

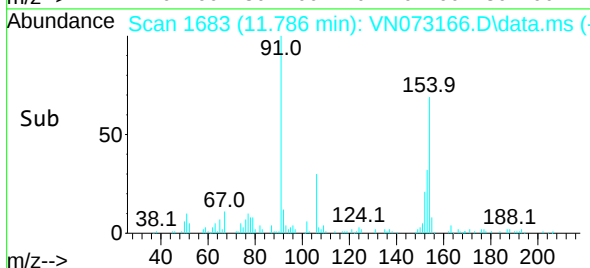
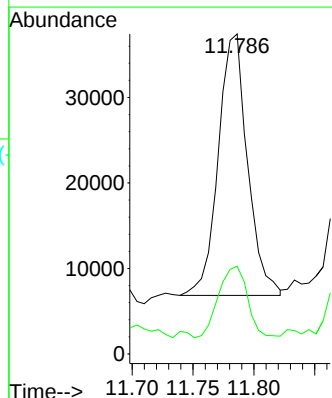
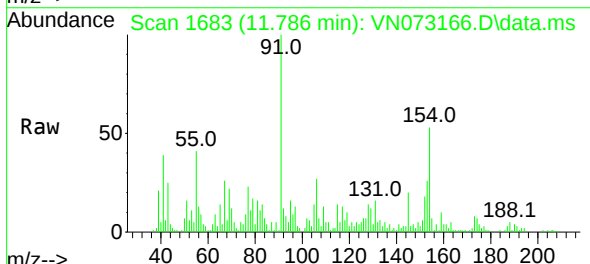
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

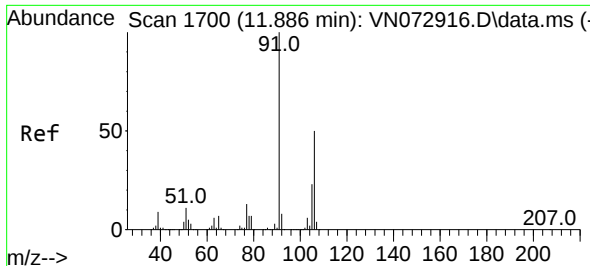
Tgt Ion:131 Resp: 1387
Ion Ratio Lower Upper
131 100
133 131.9 47.8 143.4
119 0.0 33.4 100.2#



#67
Ethyl Benzene
Concen: 2.886 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 91 Resp: 51209
Ion Ratio Lower Upper
91 100
106 26.7 24.9 37.3

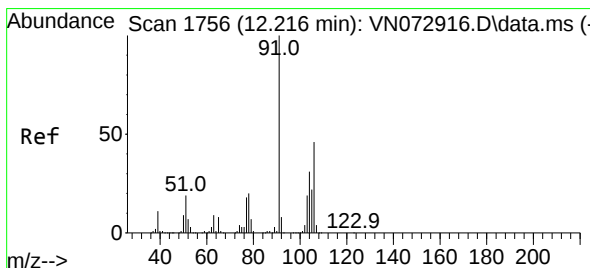
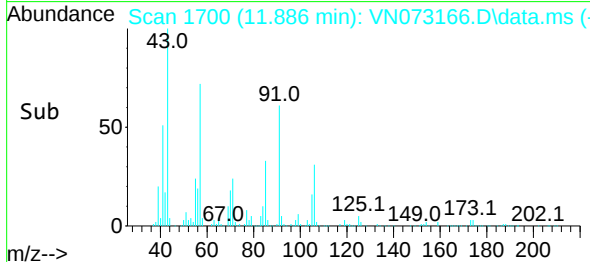
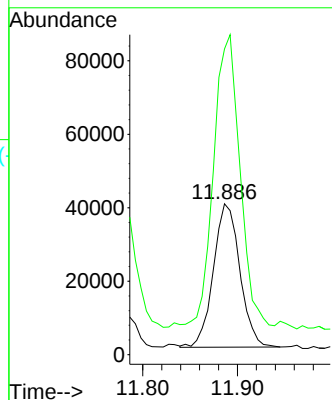
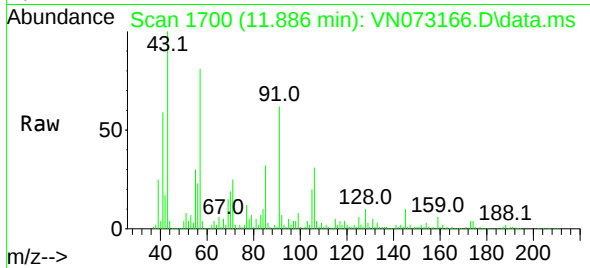




#68
m/p-Xylenes
Concen: 10.879 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

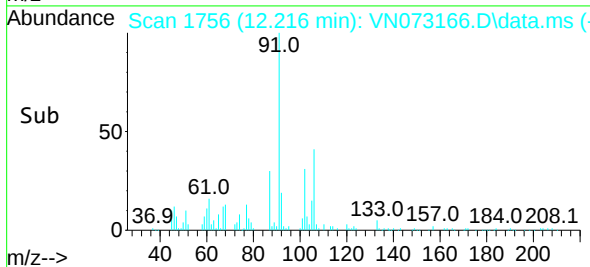
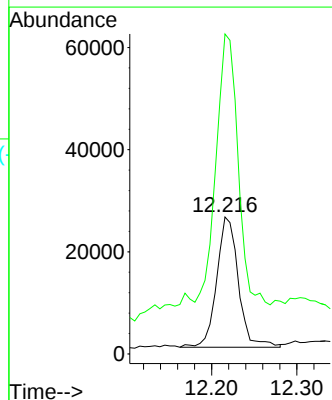
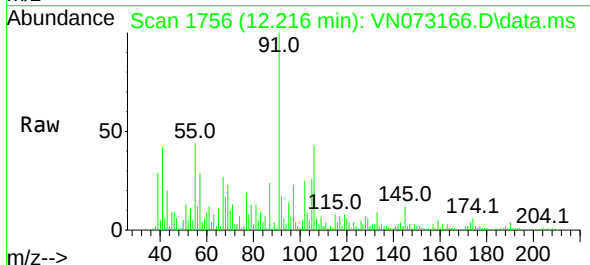
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

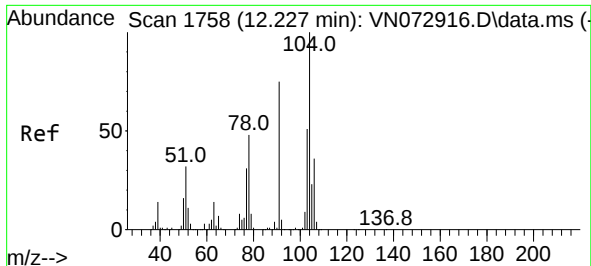
Tgt Ion:106 Resp: 75700
Ion Ratio Lower Upper
106 100
91 204.7 158.9 238.3



#69
o-Xylene
Concen: 6.520 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:106 Resp: 45336
Ion Ratio Lower Upper
106 100
91 216.4 106.0 318.0

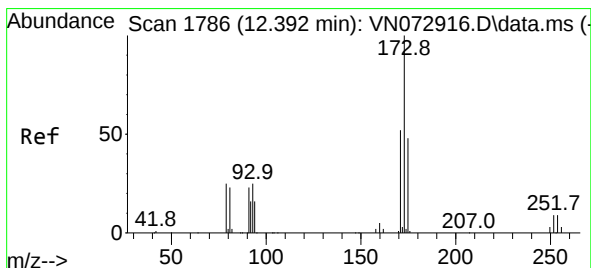
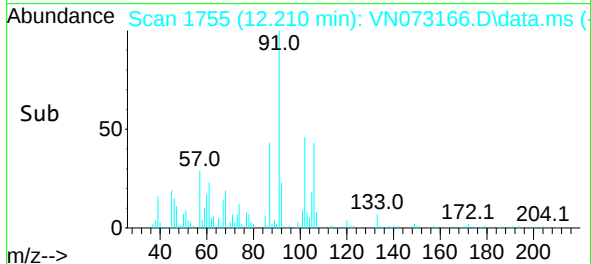
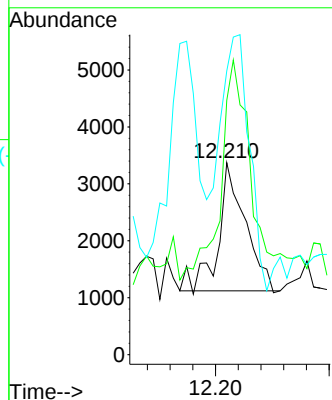
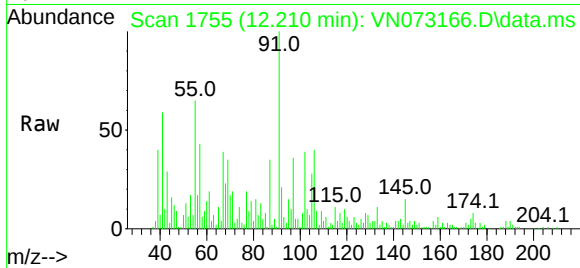




#70
Styrene
Concen: 0.336 ug/l
RT: 12.210 min Scan# 1755
Delta R.T. -0.018 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

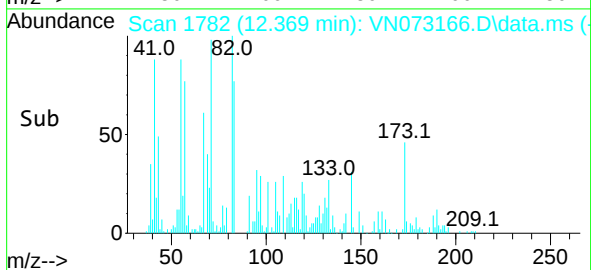
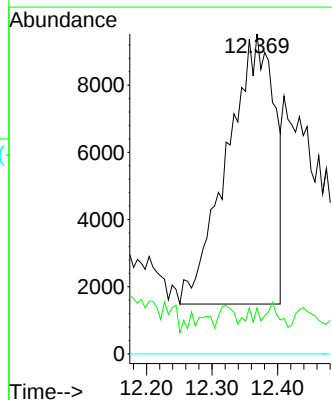
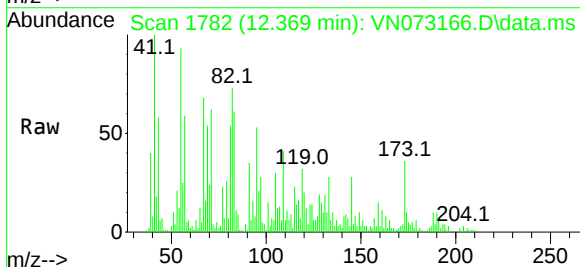
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

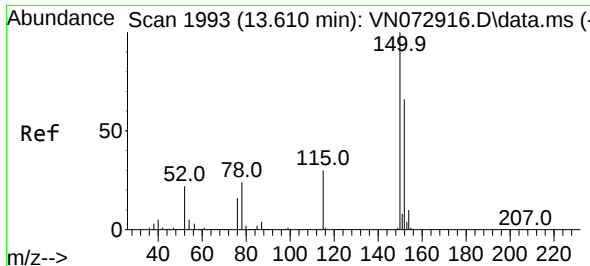
Tgt Ion:104 Resp: 3747
Ion Ratio Lower Upper
104 100
78 182.4 39.5 59.3#
103 217.5 44.0 66.0#



#71
Bromoform
Concen: 13.945 ug/l
RT: 12.369 min Scan# 1782
Delta R.T. -0.023 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:173 Resp: 40333
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

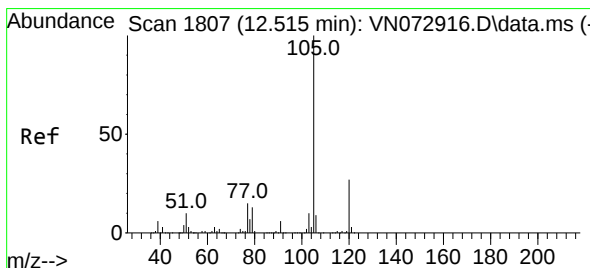
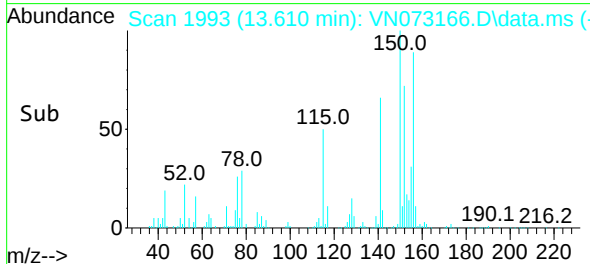
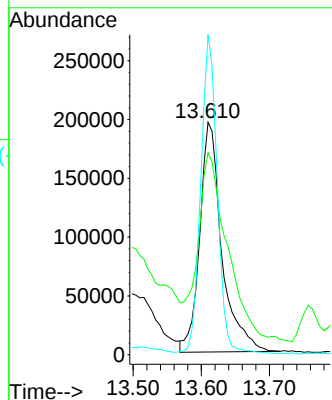
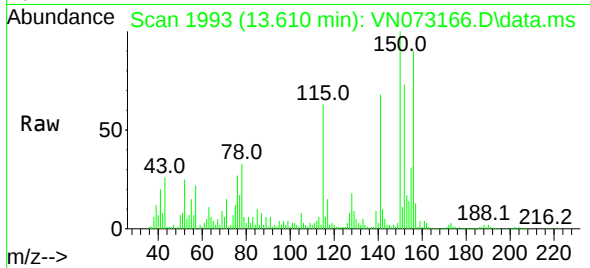




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

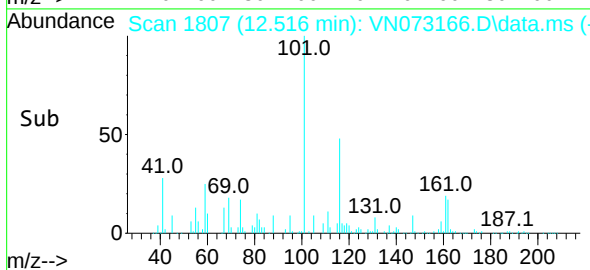
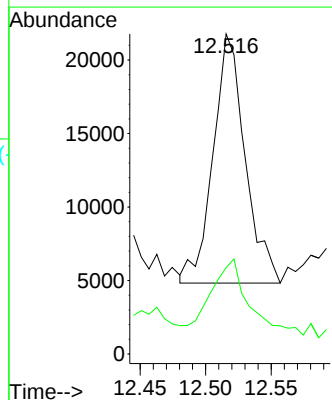
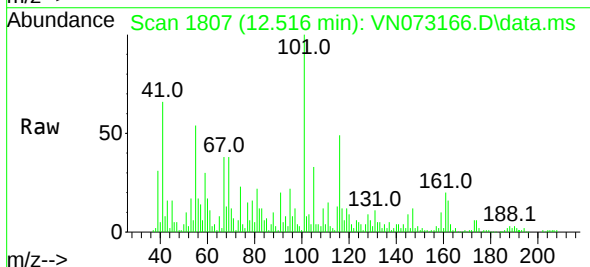
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-13

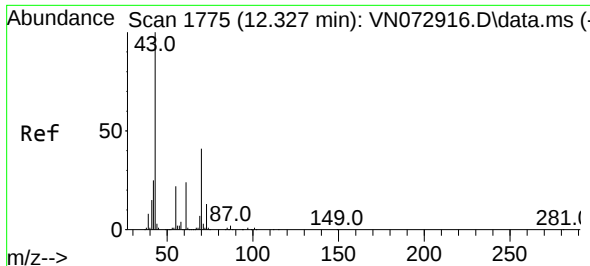
Tgt Ion:152 Resp: 439096
 Ion Ratio Lower Upper
 152 100
 115 108.2 28.9 86.7#
 150 103.9 0.0 356.2



#73
 Isopropylbenzene
 Concen: 0.845 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

Tgt Ion:105 Resp: 28718
 Ion Ratio Lower Upper
 105 100
 120 36.5 13.5 40.4

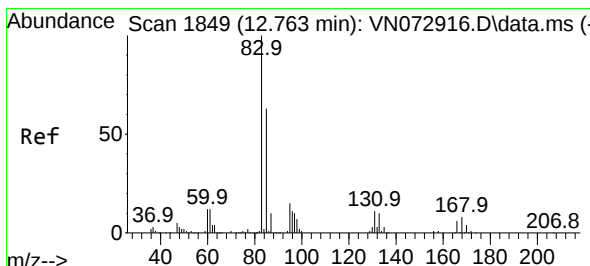
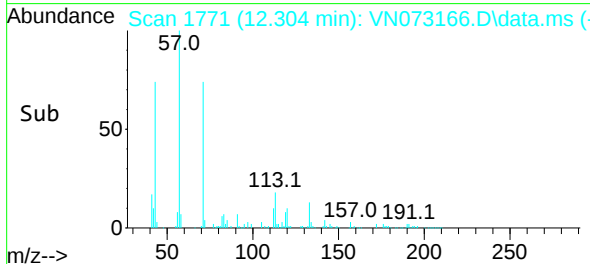
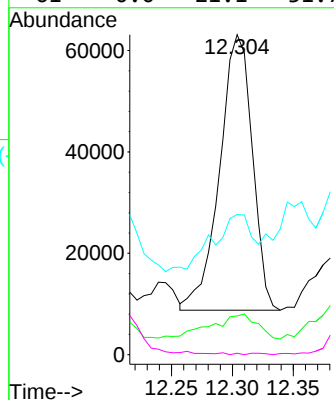
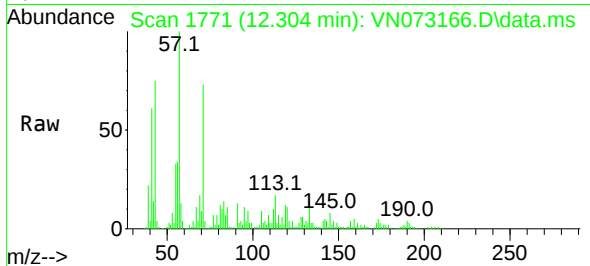




#74
N-amy1 acetate
Concen: 5.767 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

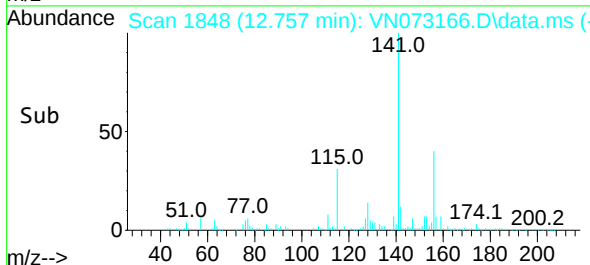
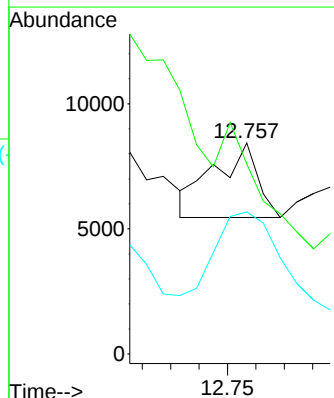
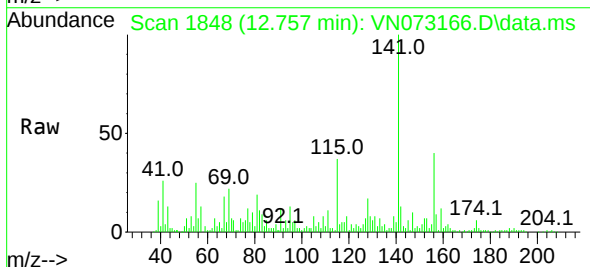
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

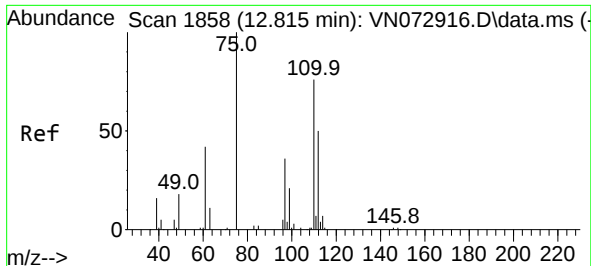
Tgt Ion: 43 Resp: 101664
Ion Ratio Lower Upper
43 100
70 13.1 39.0 58.4#
55 25.3 21.1 31.7
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.263 ug/l
RT: 12.757 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 83 Resp: 3217
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 210.6 32.3 96.9#

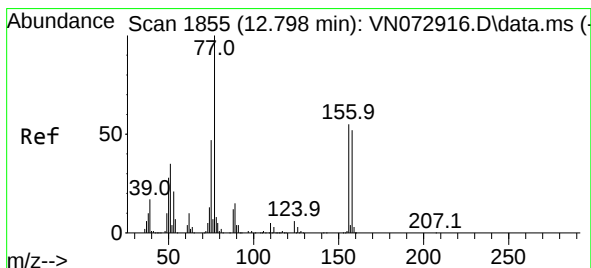
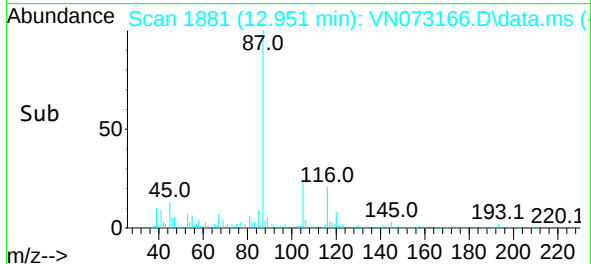
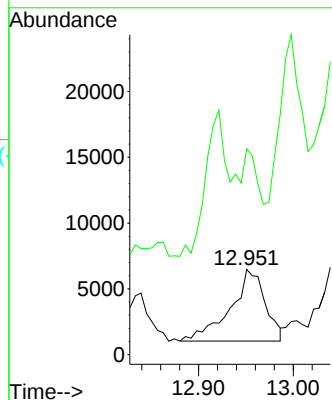
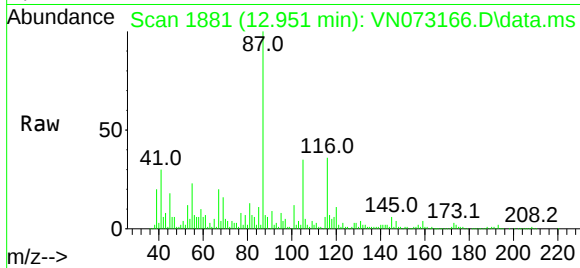




#76
1,2,3-Trichloropropane
Concen: 1.315 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.135 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

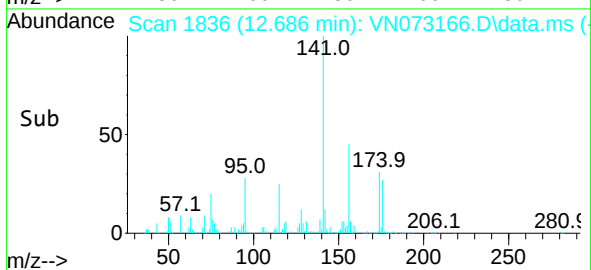
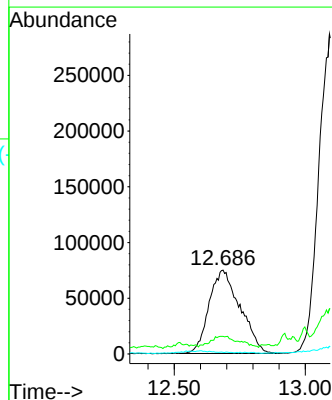
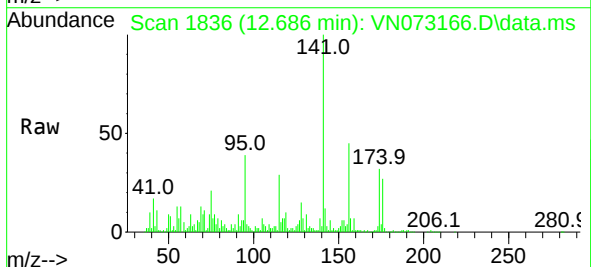
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

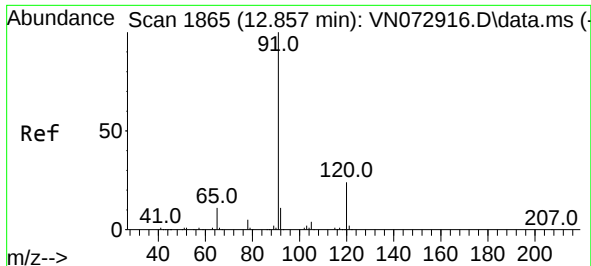
Tgt Ion: 75 Resp: 13998
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#



#77
Bromobenzene
Concen: 75.991 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. -0.112 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:156 Resp: 618413
Ion Ratio Lower Upper
156 100
77 11.9 100.5 301.5#
158 0.1 48.9 146.6#

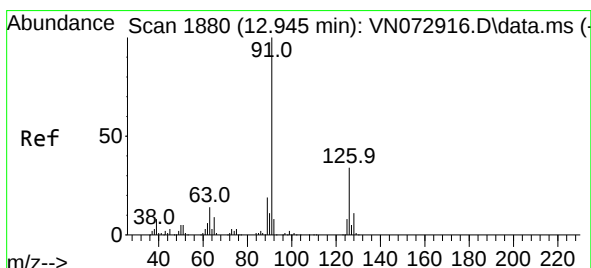
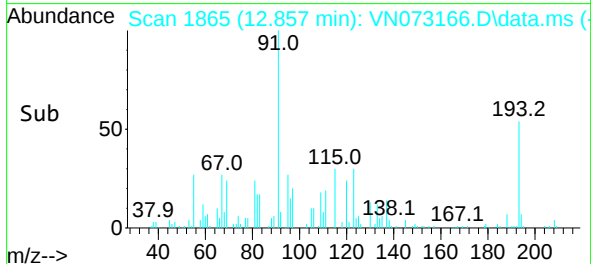
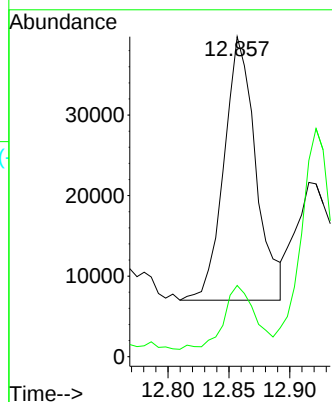
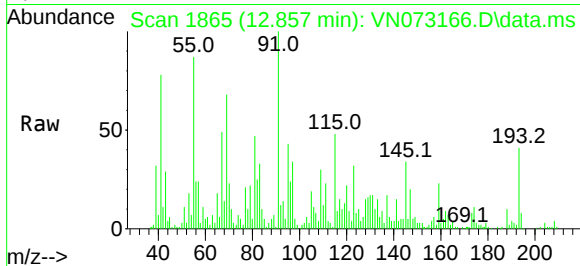




#78
n-propylbenzene
Concen: 1.600 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

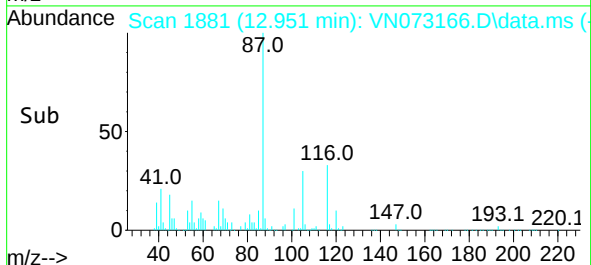
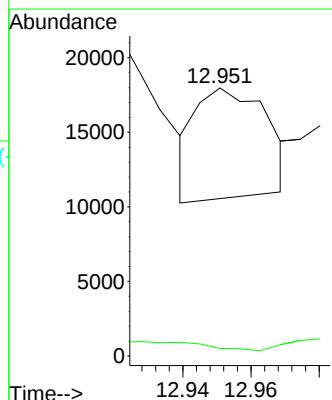
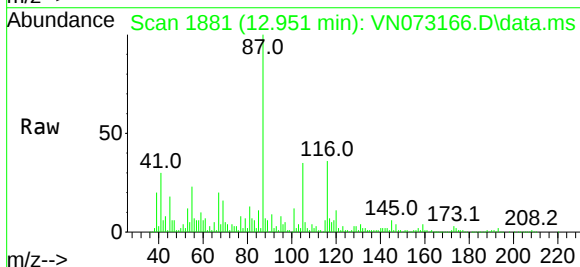
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

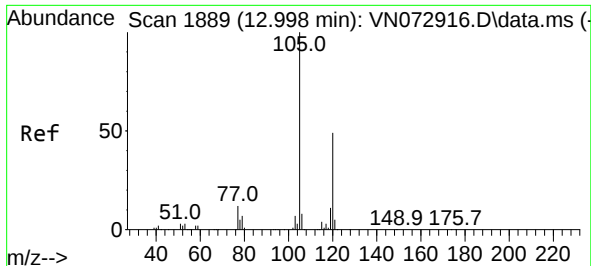
Tgt Ion: 91 Resp: 59776
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.443 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 91 Resp: 10726
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

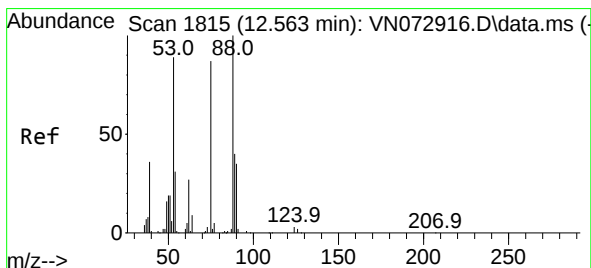
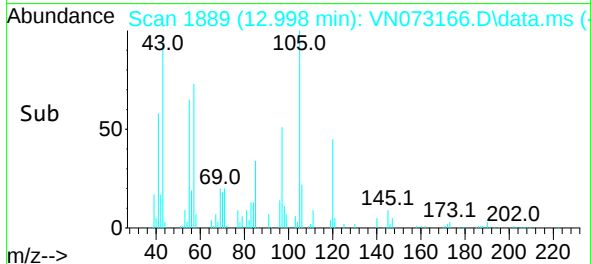
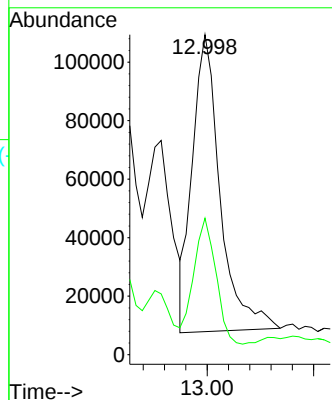
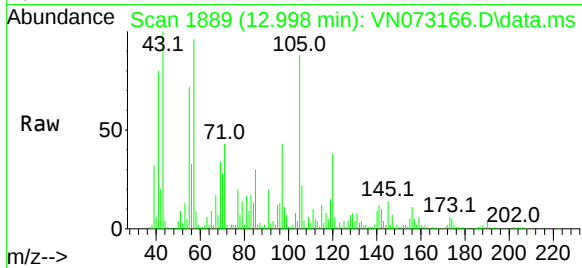




#80
 1,3,5-Trimethylbenzene
 Concen: 6.594 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

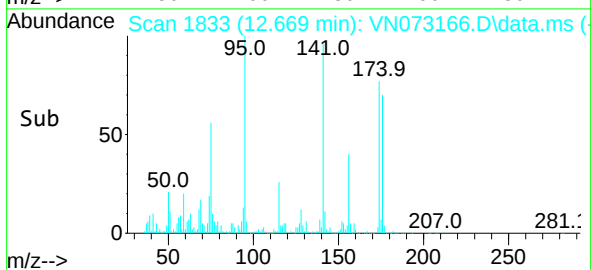
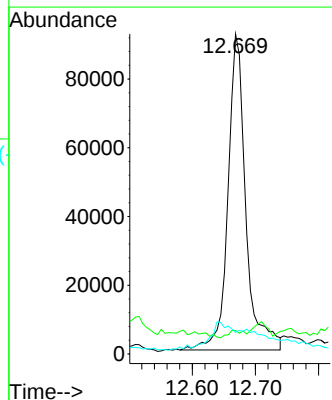
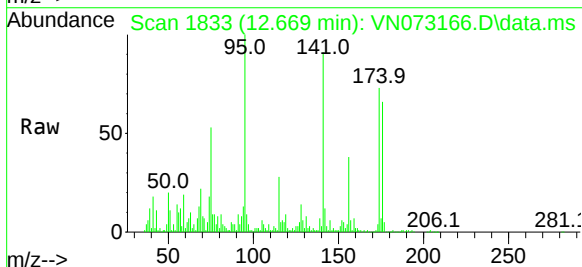
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-13

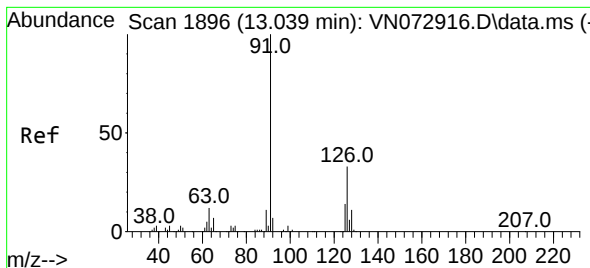
Tgt Ion:105 Resp: 183980
 Ion Ratio Lower Upper
 105 100
 120 34.6 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.997 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

Tgt Ion: 75 Resp: 181320
 Ion Ratio Lower Upper
 75 100
 53 2.0 78.0 117.0#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.932 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.041 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

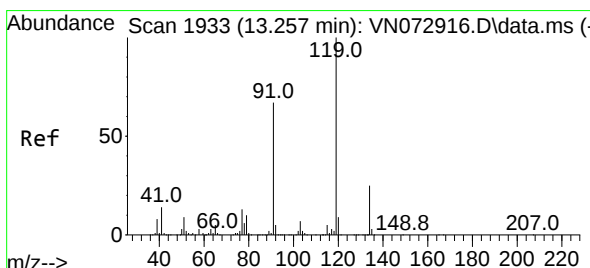
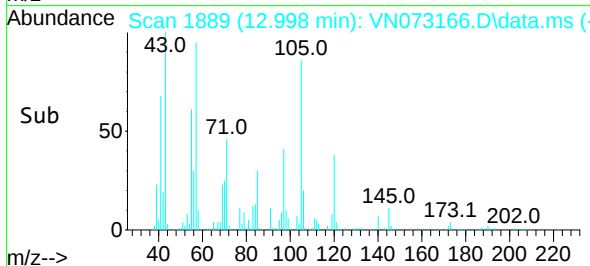
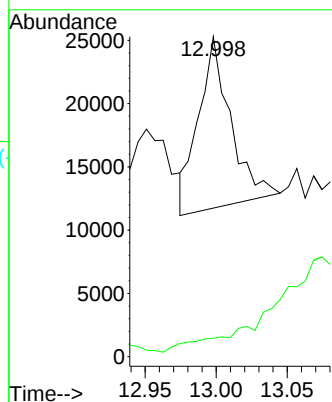
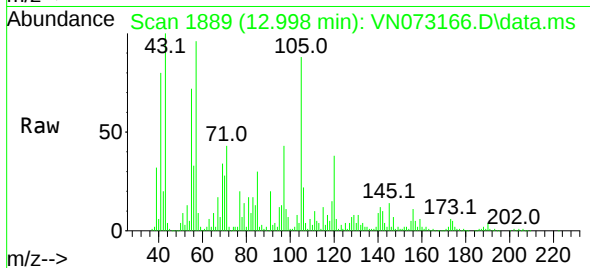
WC-14A-1A-13

Tgt Ion: 91 Resp: 21326

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 1.479 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.047 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

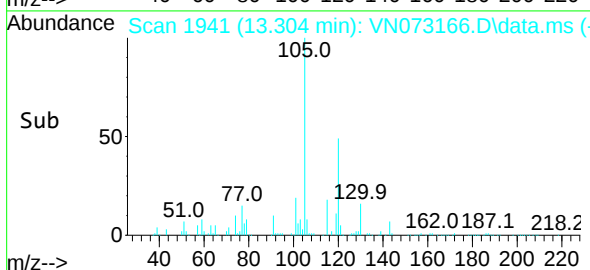
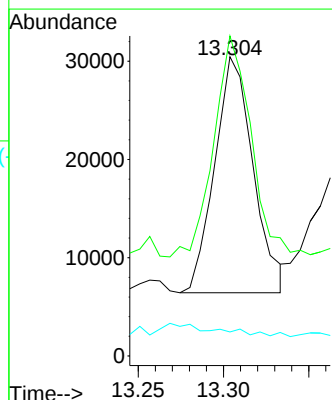
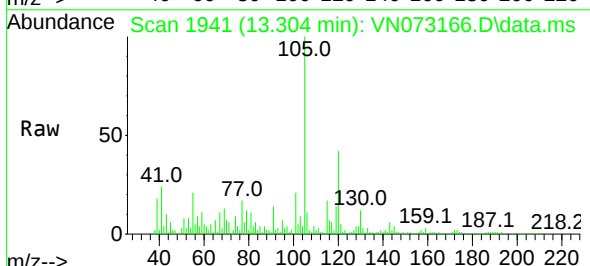
Tgt Ion: 119 Resp: 37801

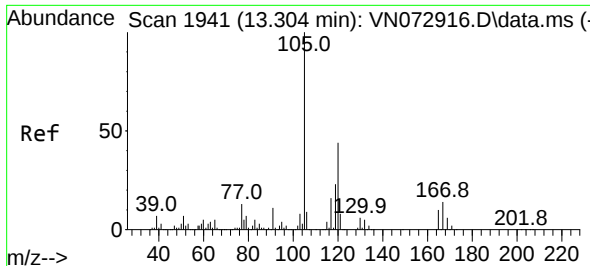
Ion Ratio Lower Upper

119 100

91 90.8 31.6 94.8

134 0.0 13.7 41.1#

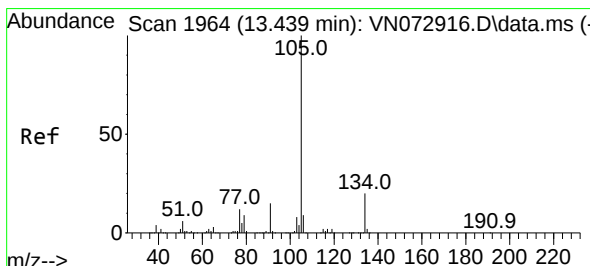
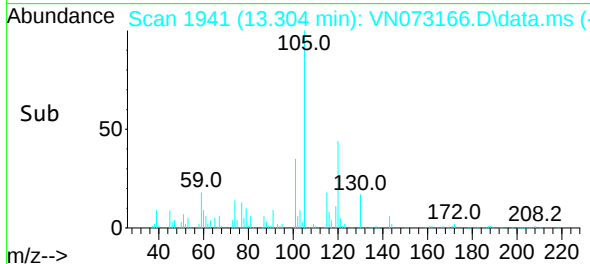
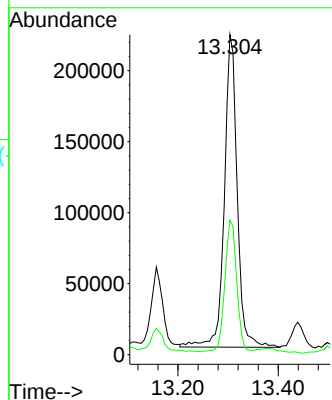
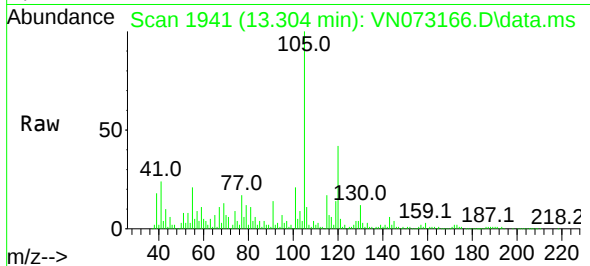




#84
1,2,4-Trimethylbenzene
Concen: 14.154 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

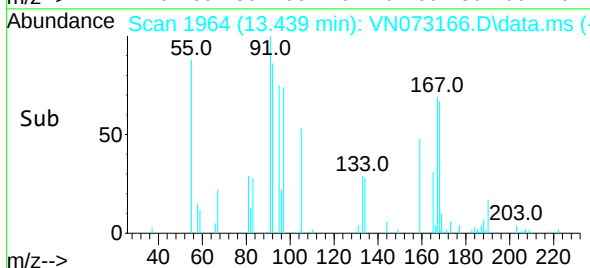
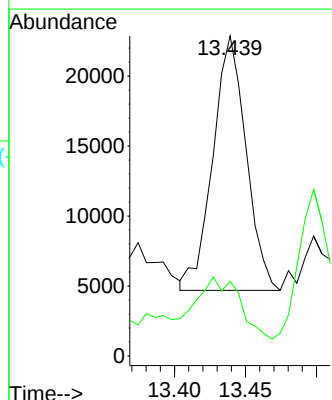
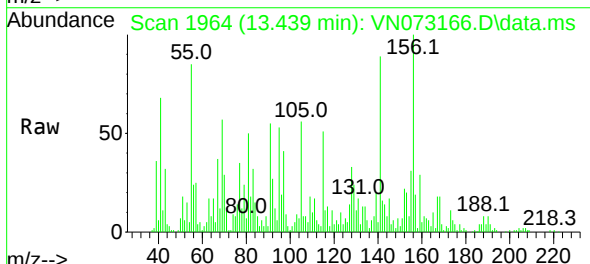
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

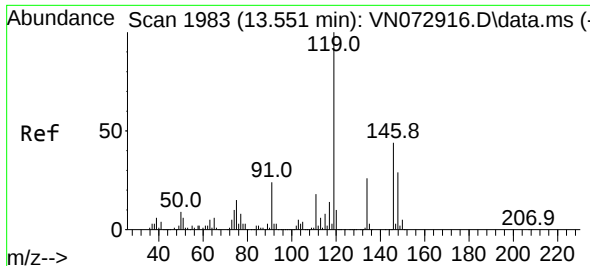
Tgt Ion:105 Resp: 393374
Ion Ratio Lower Upper
105 100
120 38.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.867 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:105 Resp: 29571
Ion Ratio Lower Upper
105 100
134 33.0 10.4 31.1#

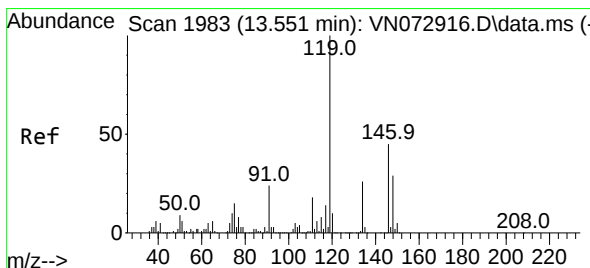
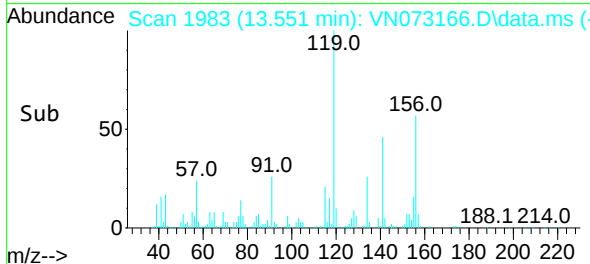
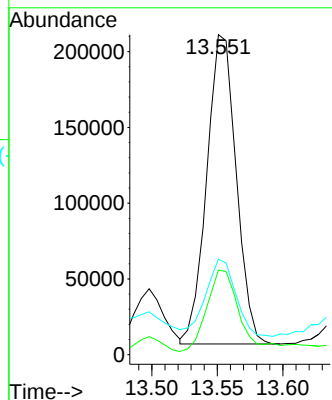
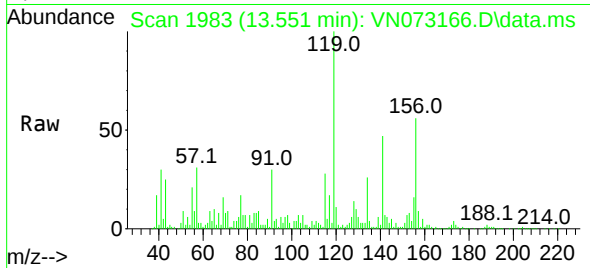




#86
p-Isopropyltoluene
Concen: 11.555 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

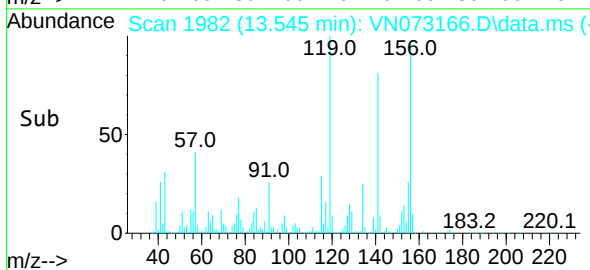
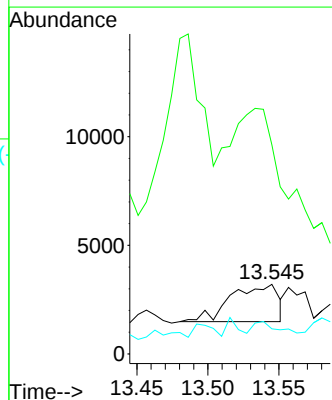
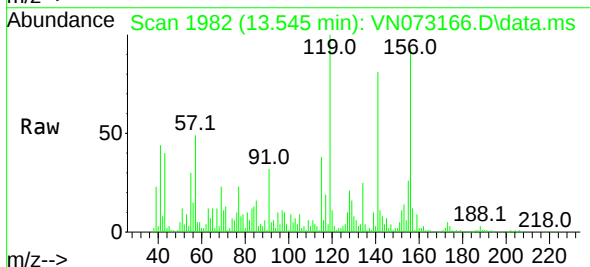
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

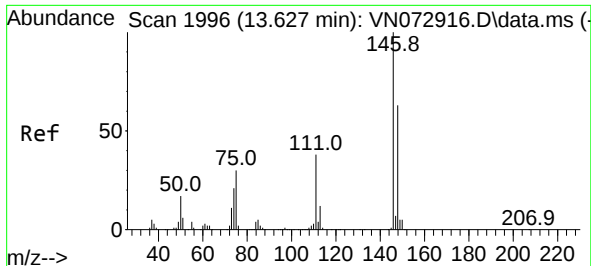
Tgt Ion:119 Resp: 318920
Ion Ratio Lower Upper
119 100
134 29.4 13.3 39.8
91 25.6 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.270 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:146 Resp: 3929
Ion Ratio Lower Upper
146 100
111 387.7 20.0 60.0#
148 14.4 32.0 96.0#

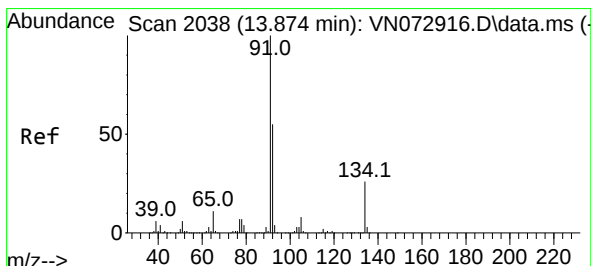
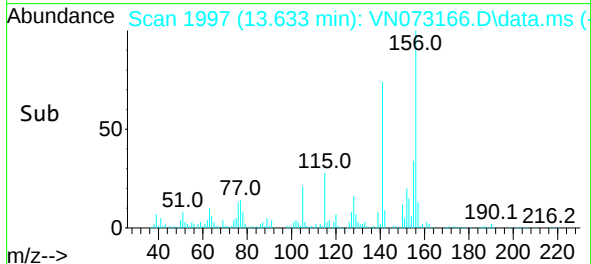
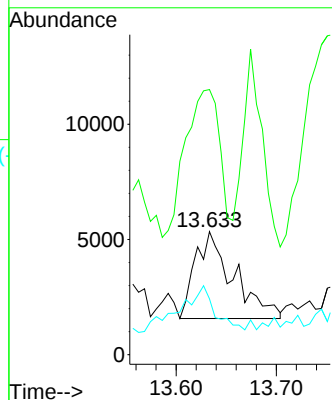
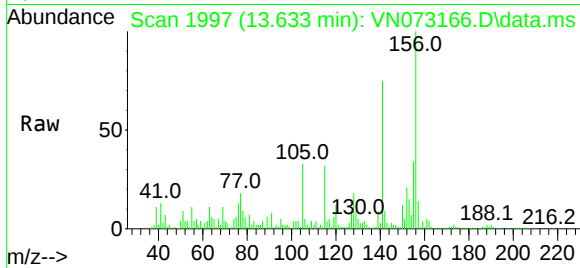




#88
1,4-Dichlorobenzene
Concen: 0.681 ug/l
RT: 13.633 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

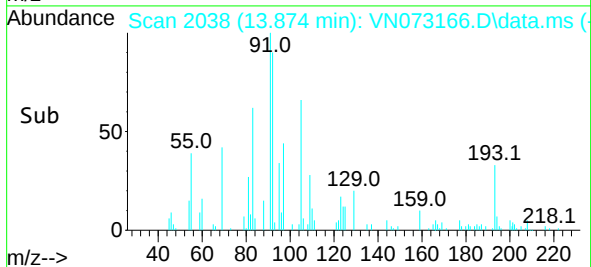
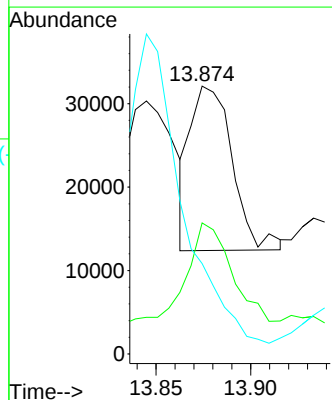
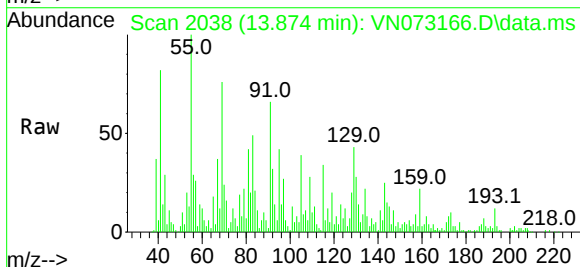
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

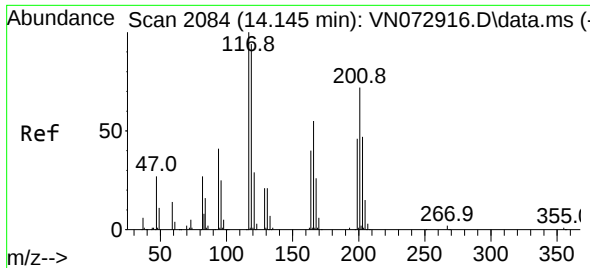
Tgt Ion:146 Resp: 10009
Ion Ratio Lower Upper
146 100
111 153.5 19.1 57.1#
148 51.3 31.4 94.3



#89
n-Butylbenzene
Concen: 1.344 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion: 91 Resp: 30287
Ion Ratio Lower Upper
91 100
92 92.4 26.9 80.7#
134 0.0 13.6 40.8#

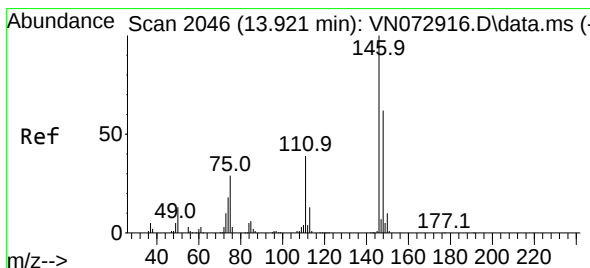
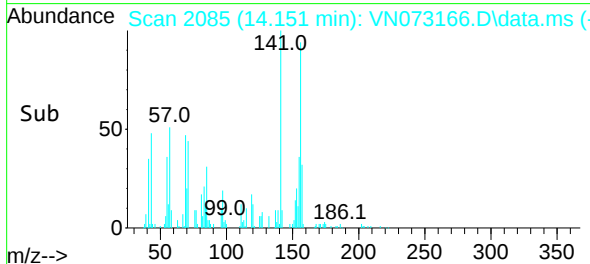
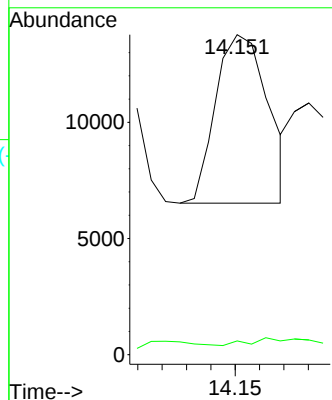
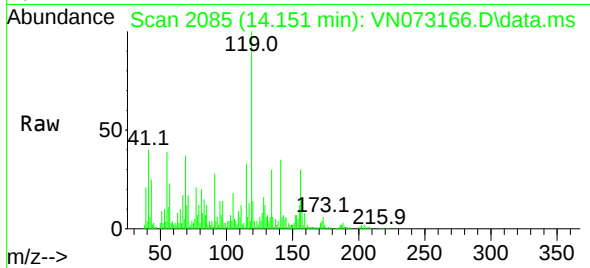




#90
Hexachloroethane
Concen: 2.082 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

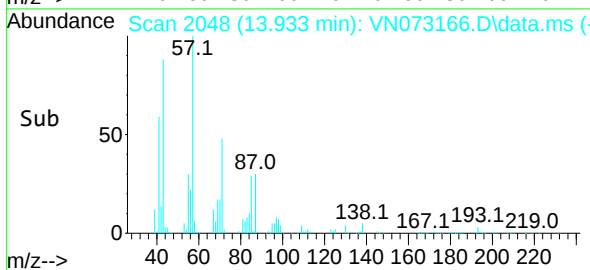
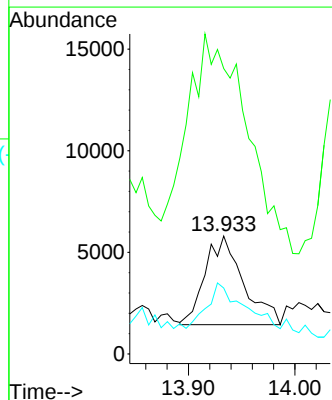
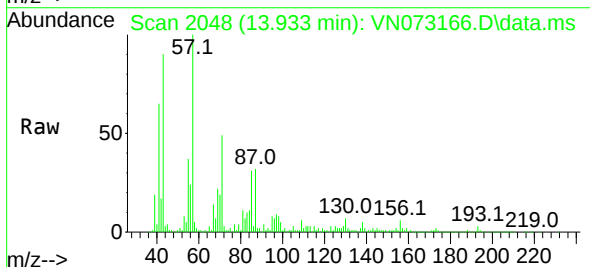
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-13

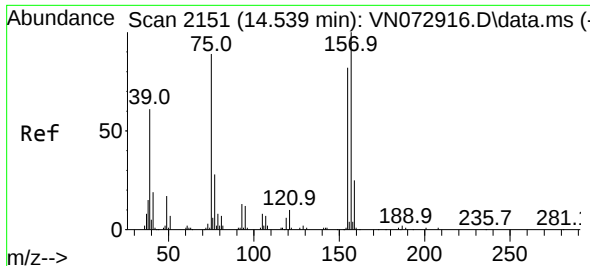
Tgt Ion:117 Resp: 10831
Ion Ratio Lower Upper
117 100
201 5.2 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.713 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.012 min
Lab File: VN073166.D
Acq: 27 Jun 2022 16:52

Tgt Ion:146 Resp: 10807
Ion Ratio Lower Upper
146 100
111 390.9 20.9 62.8#
148 49.2 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.034 ug/l

RT: 14.515 min Scan# 2151

Delta R.T. -0.024 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-13

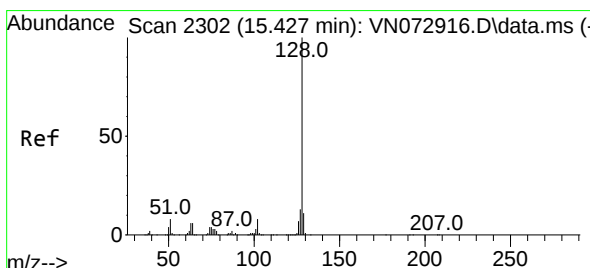
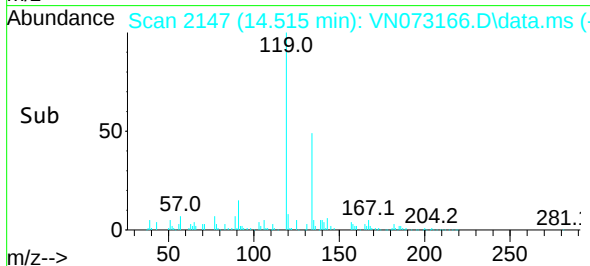
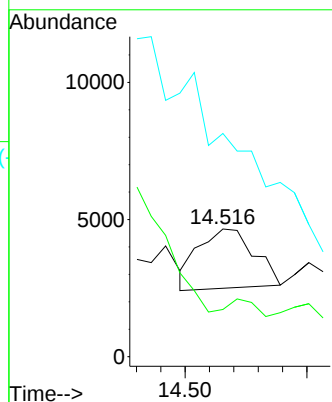
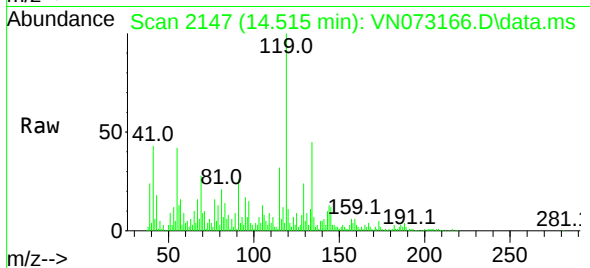
Tgt Ion: 75 Resp: 3441

Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 0.0 59.0 176.8#



#95

Naphthalene

Concen: 10.955 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073166.D

Acq: 27 Jun 2022 16:52

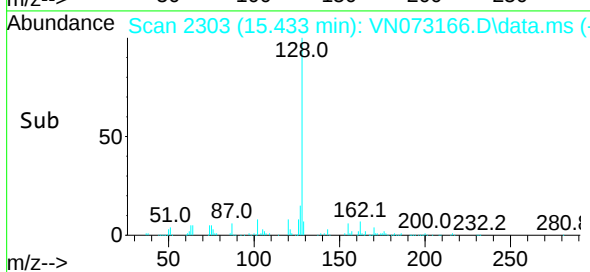
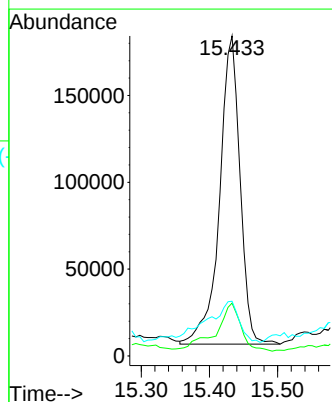
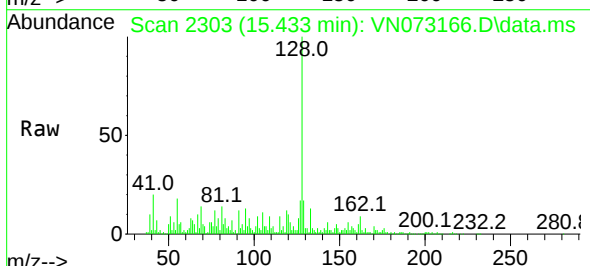
Tgt Ion:128 Resp: 371622

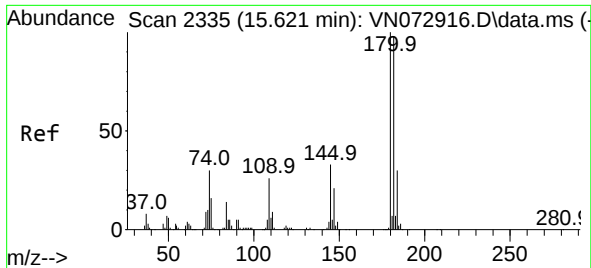
Ion Ratio Lower Upper

128 100

127 19.4 10.3 15.5#

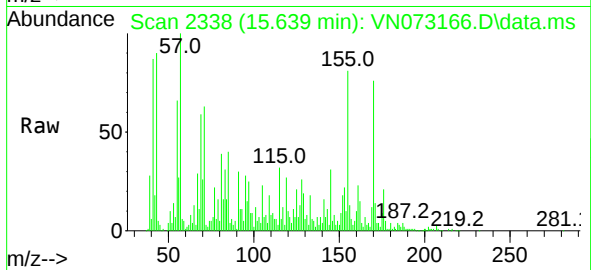
129 22.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.309 ug/l
 RT: 15.639 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN073166.D
 Acq: 27 Jun 2022 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-13



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

