

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073183.D
 Acq On : 28 Jun 2022 00:59
 Operator : JC\MD
 Sample : N3455-13
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3-GR

Quant Time: Jun 28 06:41:35 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	328034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	530525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	522984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	286245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	188301	42.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.920%
35) Dibromofluoromethane	7.945	113	157629	48.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.374	98	563471	46.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.668	95	284635	64.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	129.740%#

Target Compounds				Qvalue		
3) Chloromethane	2.257	50	675	0.768	ug/l #	43
5) Bromomethane	2.763	94	372	0.337	ug/l #	52
11) Tert butyl alcohol	5.204	59	20206	17.638	ug/l #	72
16) Acetone	4.257	43	6494	2.664	ug/l #	83
18) Methyl Acetate	4.781	43	15533	2.393	ug/l	94
20) Methylene Chloride	4.981	84	7030	1.625	ug/l	94
25) 2-Butanone	7.281	43	7078	1.830	ug/l	92
26) 2,2-Dichloropropane	7.281	77	1465	Below Cal	#	61
29) Tetrahydrofuran	7.622	42	569	0.223	ug/l #	38
31) Cyclohexane	7.998	56	15288	2.548	ug/l #	75
36) 1,1-Dichloropropene	8.010	75	25655	5.782	ug/l #	49
38) Carbon Tetrachloride	8.010	117	32279	6.916	ug/l #	16
39) Methylcyclohexane	9.386	83	21514	4.023	ug/l	97
40) Benzene	8.380	78	67591	4.847	ug/l	95
48) Methyl methacrylate	9.569	41	2497	0.539	ug/l #	48
51) 4-Methyl-2-Pentanone	10.263	43	1960	0.296	ug/l #	71
52) Toluene	10.439	92	36397	4.251	ug/l	100
53) t-1,3-Dichloropropene	10.522	75	3378	0.656	ug/l	92
55) 1,1,2-Trichloroethane	10.810	97	8190	2.179	ug/l #	23
56) Ethyl methacrylate	10.716	69	5197	0.863	ug/l #	1
59) 2-Hexanone	10.986	43	13121	2.564	ug/l #	23
61) 1,2-Dibromoethane	11.274	107	1055	0.285	ug/l #	68
65) Chlorobenzene	11.710	112	133956	13.115	ug/l	97
67) Ethyl Benzene	11.780	91	64656	3.596	ug/l	98
68) m/p-Xylenes	11.892	106	69844	9.904	ug/l	98
69) o-Xylene	12.216	106	9809	1.392	ug/l	89
73) Isopropylbenzene	12.515	105	22281	1.006	ug/l	97
74) N-amyl acetate	12.304	43	36432	3.170	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.739	83	11920	1.495	ug/l #	92
76) 1,2,3-Trichloropropane	12.668	75	141538	20.395	ug/l #	1
78) n-propylbenzene	12.857	91	89232	3.663	ug/l	100
79) 2-Chlorotoluene	12.915	91	6457	0.409	ug/l #	49
80) 1,3,5-Trimethylbenzene	13.004	105	18262	1.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.668	75	141538	55.078	ug/l #	12
82) 4-Chlorotoluene	13.304	91	6561	0.440	ug/l	92
83) tert-Butylbenzene	13.263	119	5010	0.301	ug/l	74

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

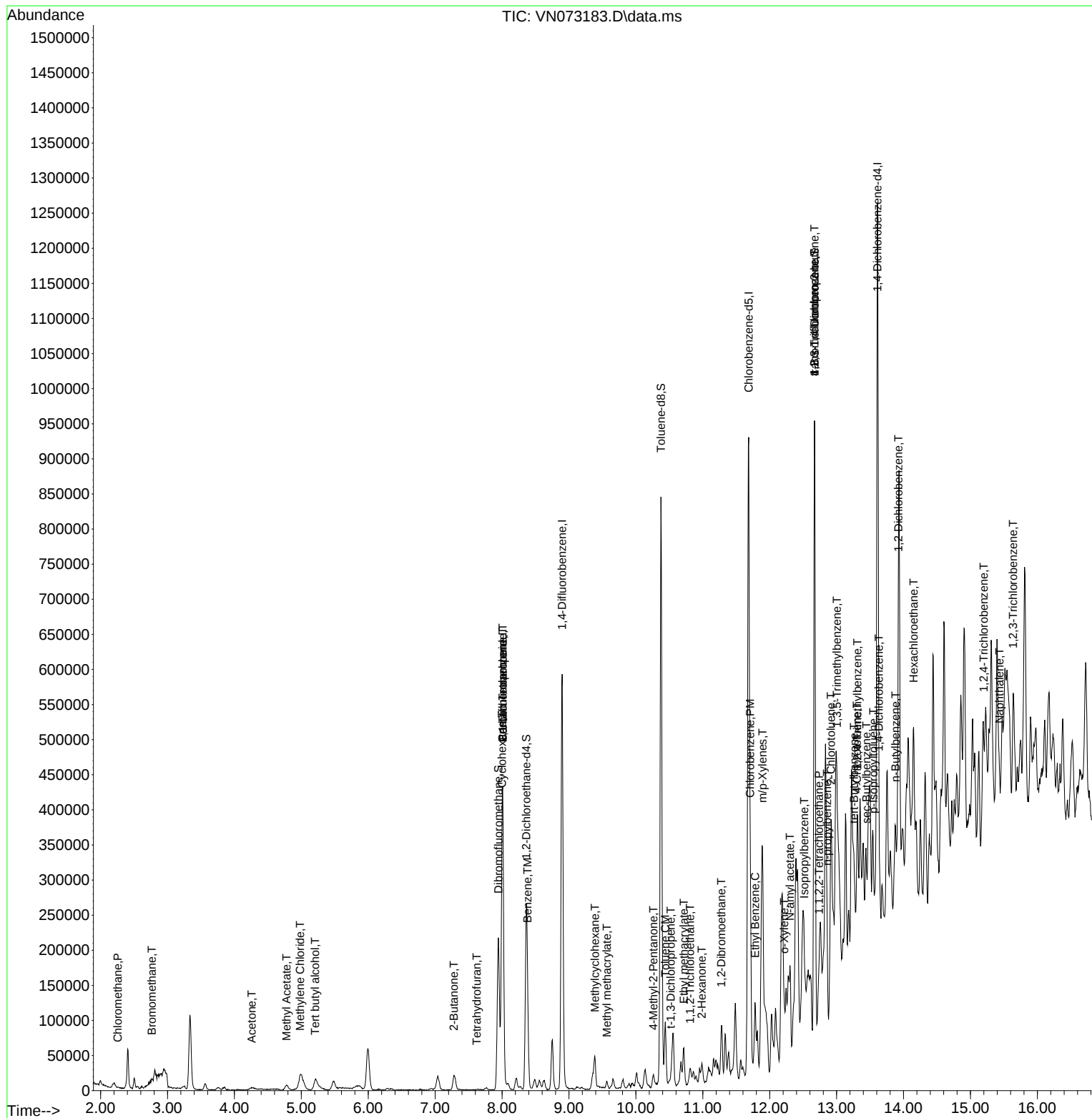
84) 1,2,4-Trimethylbenzene	13.310	105	72589	4.007	ug/l	99
85) sec-Butylbenzene	13.445	105	20342	0.915	ug/l #	64
86) p-Isopropyltoluene	13.551	119	7816	0.434	ug/l	87
88) 1,4-Dichlorobenzene	13.633	146	3168	0.330	ug/l #	1
89) n-Butylbenzene	13.880	91	30025	2.044	ug/l #	73
90) Hexachloroethane	14.151	117	5319	1.568	ug/l #	9
91) 1,2-Dichlorobenzene	13.921	146	7572	0.767	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.198	180	1133	0.207	ug/l #	1
95) Naphthalene	15.433	128	69800	3.157	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.639	180	4991	0.855	ug/l #	16

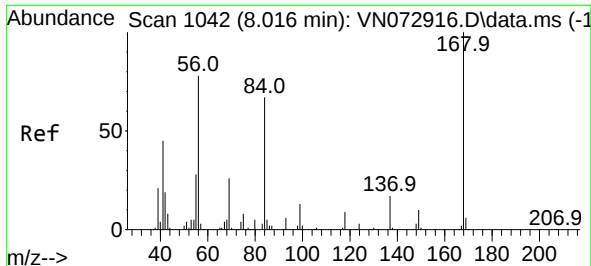
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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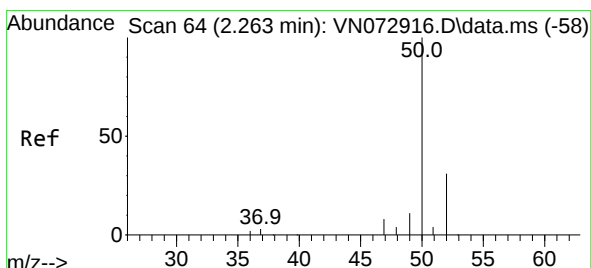
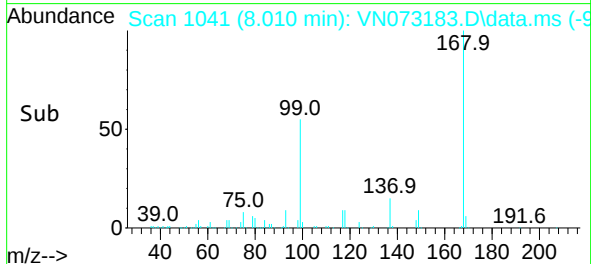
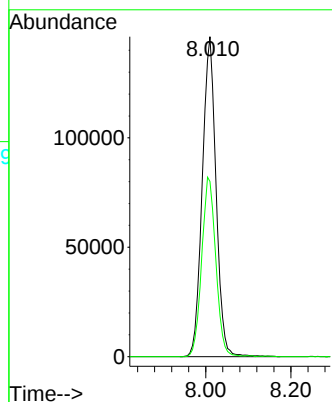
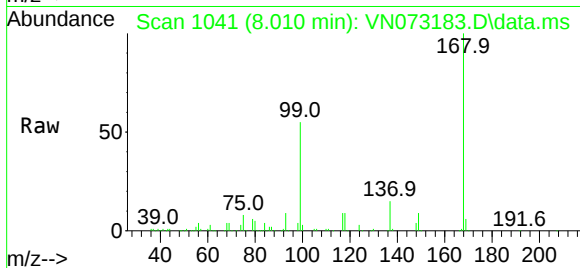




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

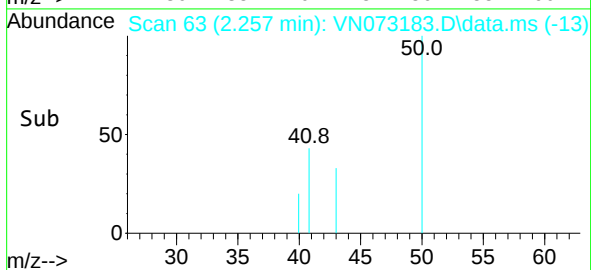
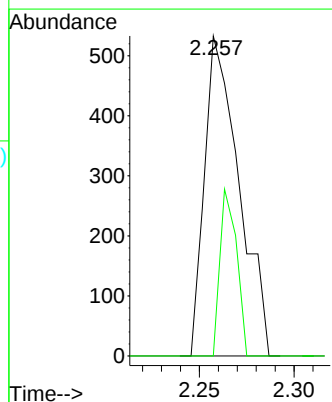
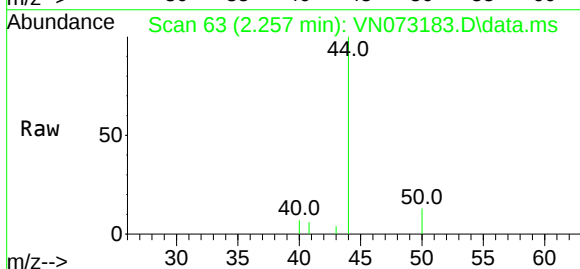
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

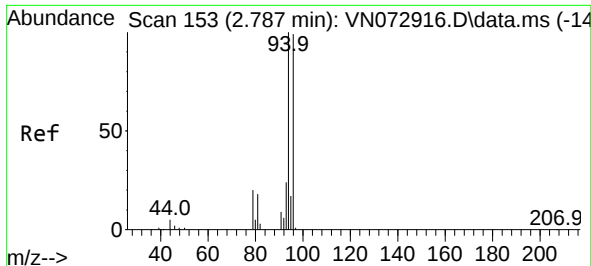
Tgt Ion:168 Resp: 328034
Ion Ratio Lower Upper
168 100
99 54.7 42.3 63.5



#3
Chloromethane
Concen: 0.768 ug/l
RT: 2.257 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 50 Resp: 675
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

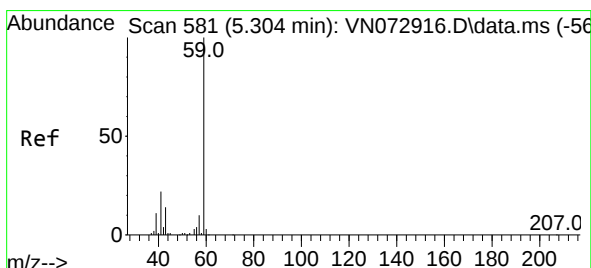
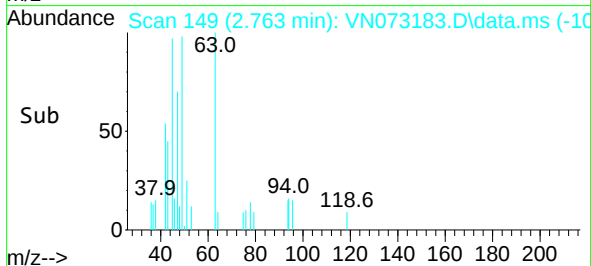
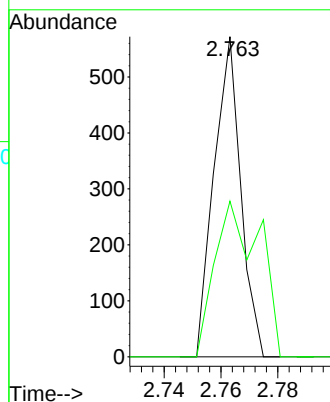
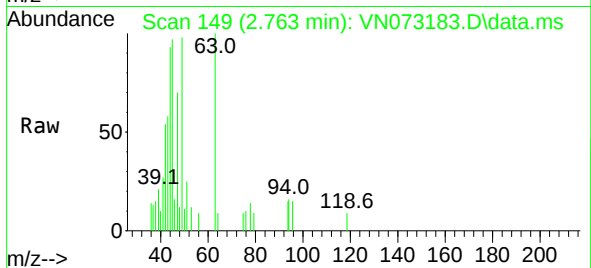




#5
Bromomethane
Concen: 0.337 ug/l
RT: 2.763 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

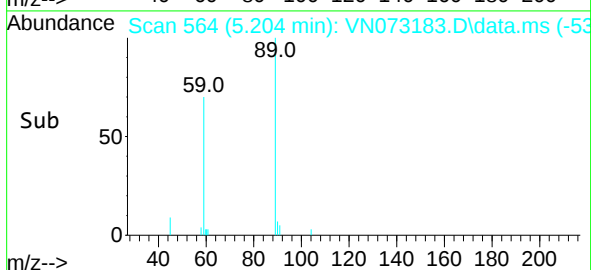
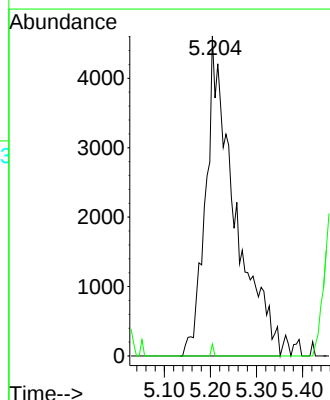
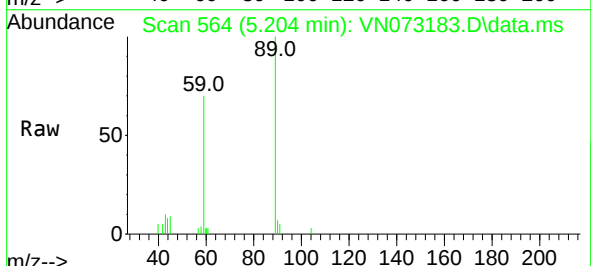
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ClientSampleId :
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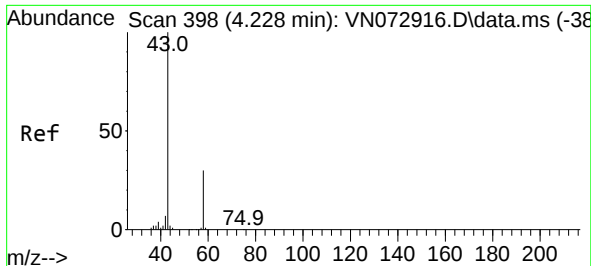
Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 48.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 17.638 ug/l
RT: 5.204 min Scan# 564
Delta R.T. -0.100 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 59 Resp: 20206
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

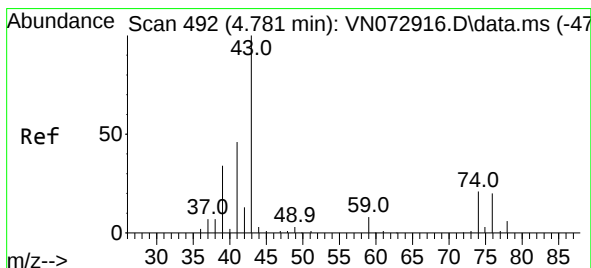
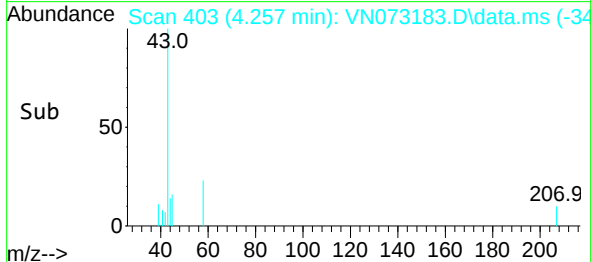
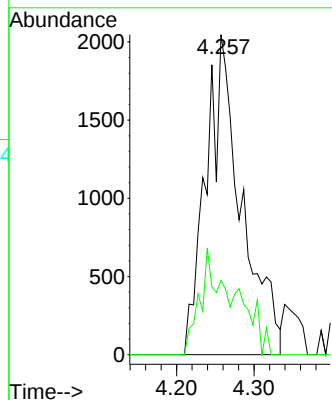
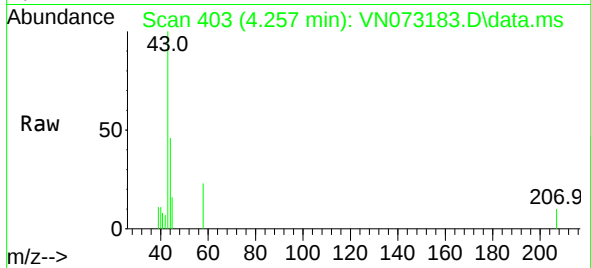




#16
Acetone
Concen: 2.664 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

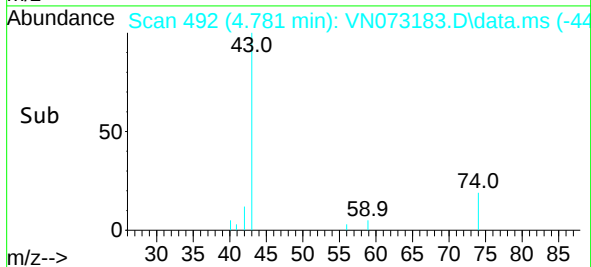
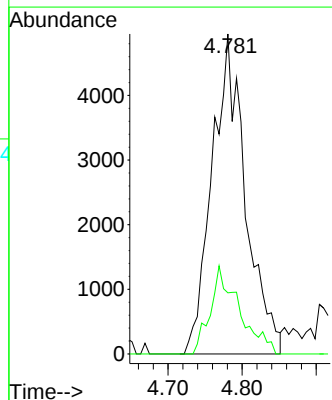
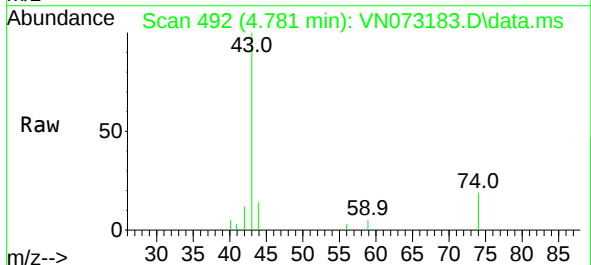
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

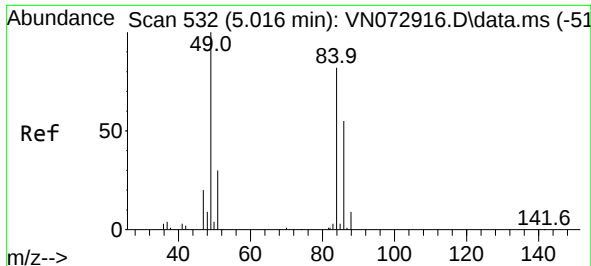
Tgt Ion: 43 Resp: 6494
Ion Ratio Lower Upper
43 100
58 23.2 26.0 39.0#



#18
Methyl Acetate
Concen: 2.393 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 43 Resp: 15533
Ion Ratio Lower Upper
43 100
74 23.9 21.6 32.4

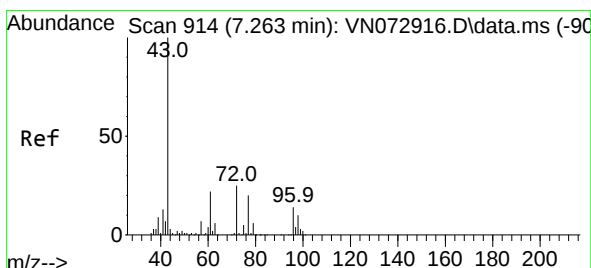
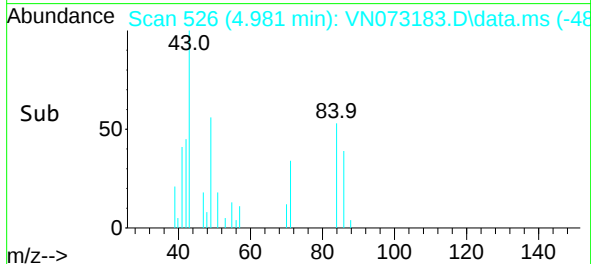
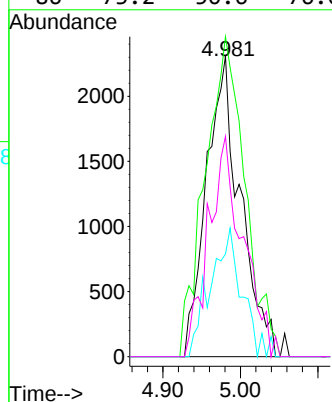
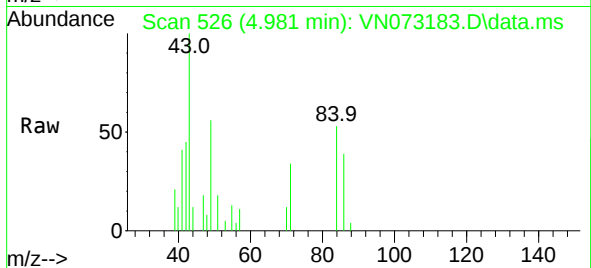




#20
Methylene Chloride
Concen: 1.625 ug/l
RT: 4.981 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

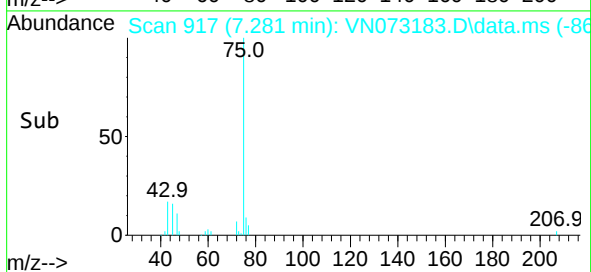
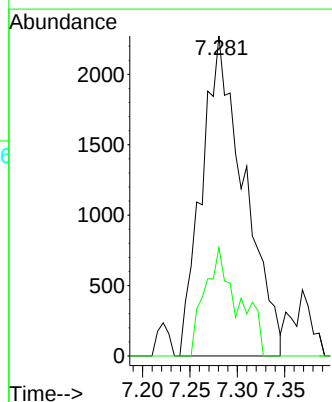
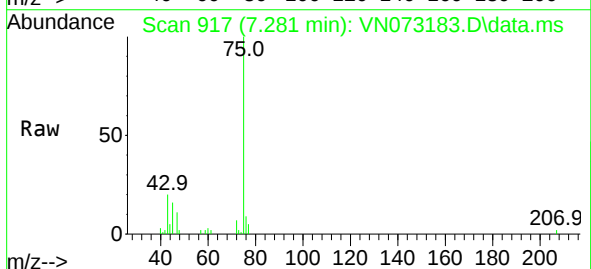
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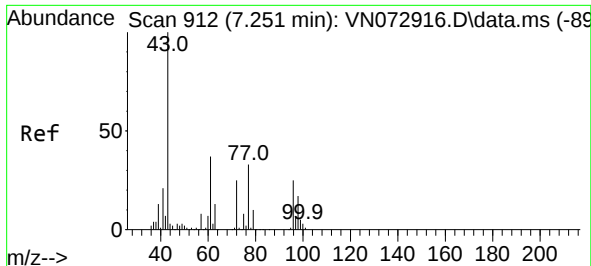
Tgt Ion:	84	Resp:	7030
Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.3	132.5
51	34.1	28.2	42.2
86	73.2	50.6	76.0



#25
2-Butanone
Concen: 1.830 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.018 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:	43	Resp:	7078
Ion	Ratio	Lower	Upper
43	100		
72	33.8	23.7	35.5





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.281 min Scan# 912

Delta R.T. 0.030 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

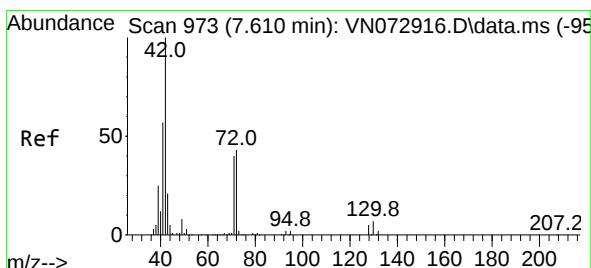
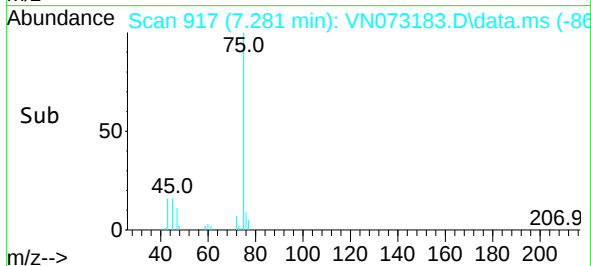
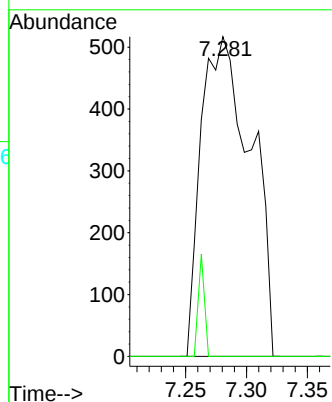
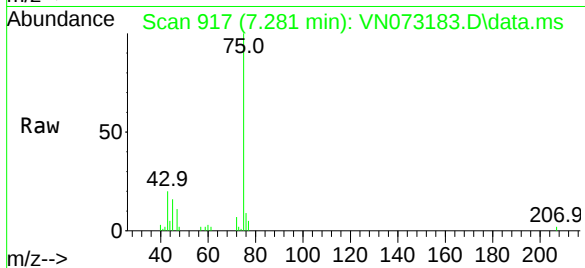
SP-EXC-2-3-GR

Tgt Ion: 77 Resp: 1465

Ion Ratio Lower Upper

77 100

97 4.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.223 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.012 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

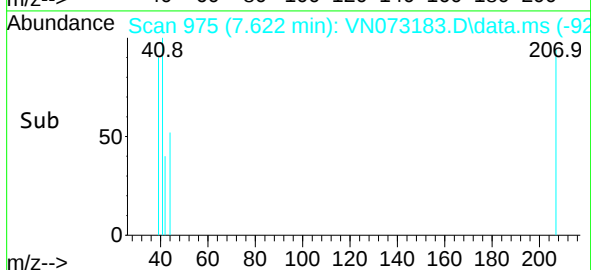
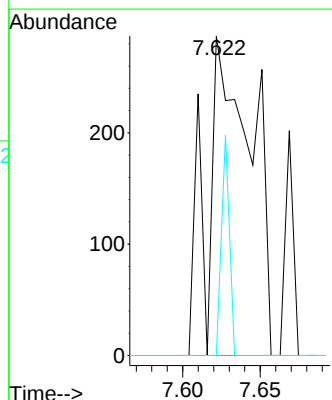
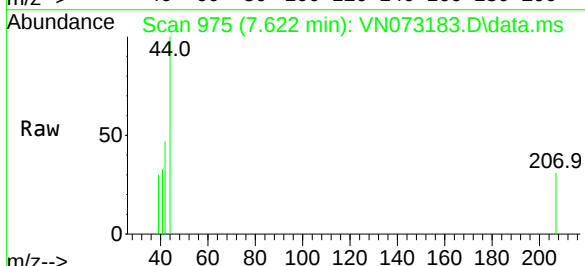
Tgt Ion: 42 Resp: 569

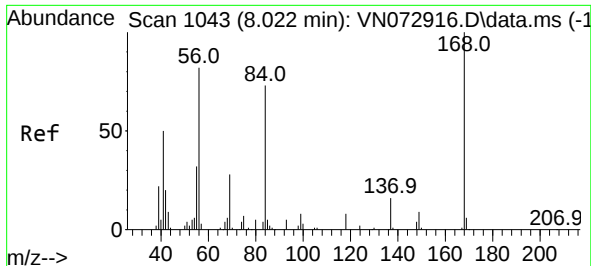
Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 12.3 36.6 55.0#

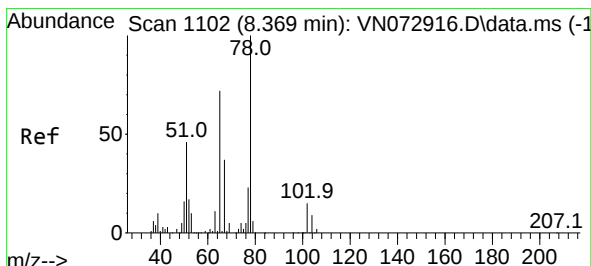
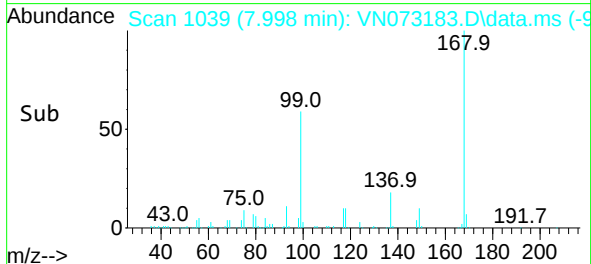
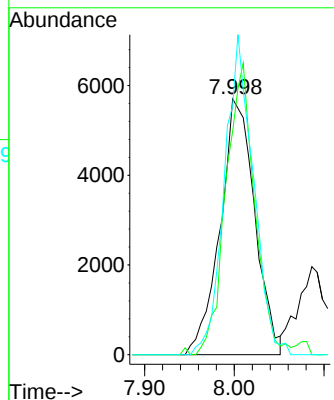
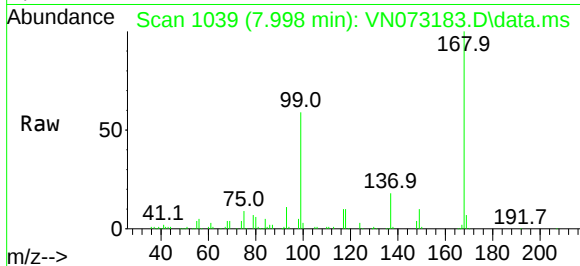




#31
Cyclohexane
Concen: 2.548 ug/l
RT: 7.998 min Scan# 1101
Delta R.T. -0.024 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

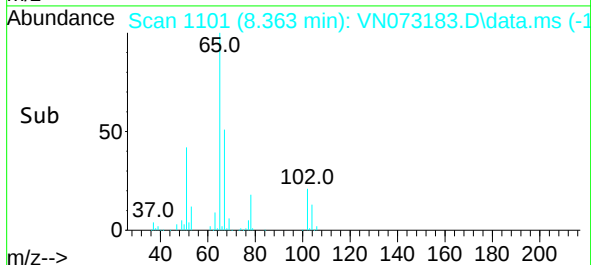
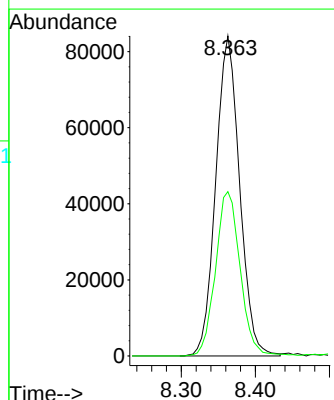
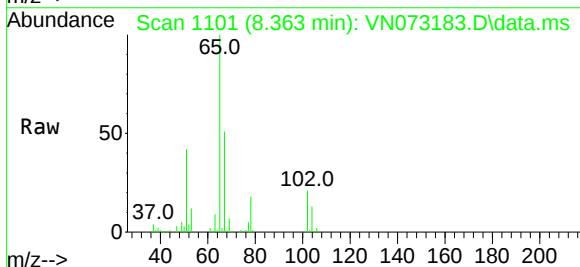
Instrument :
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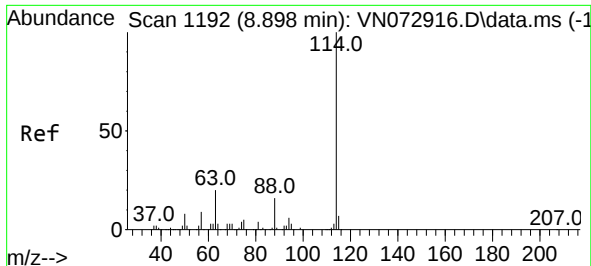
Tgt Ion: 56 Resp: 15288
Ion Ratio Lower Upper
56 100
69 87.4 27.8 41.8#
84 97.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 42.459 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 65 Resp: 188301
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

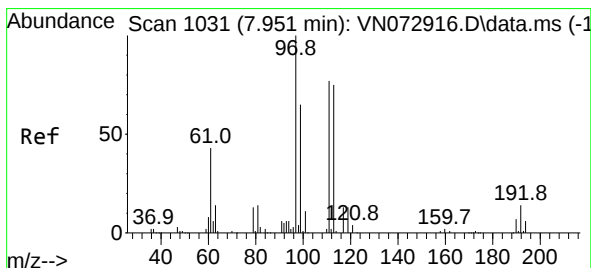
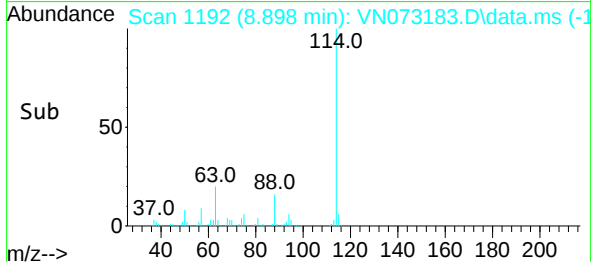
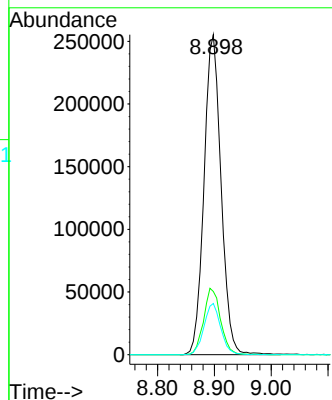
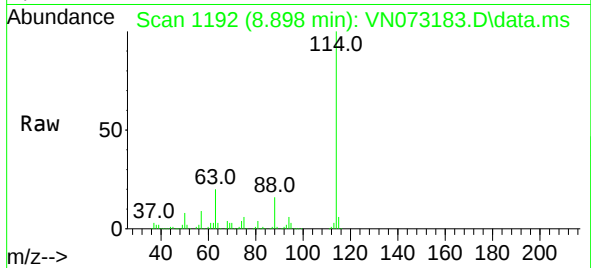




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

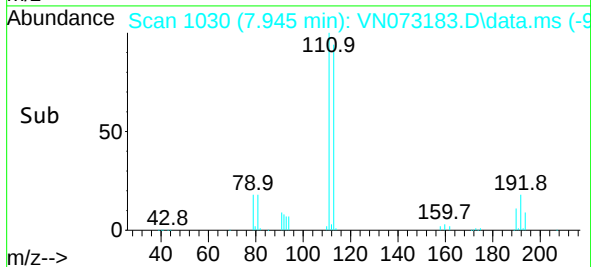
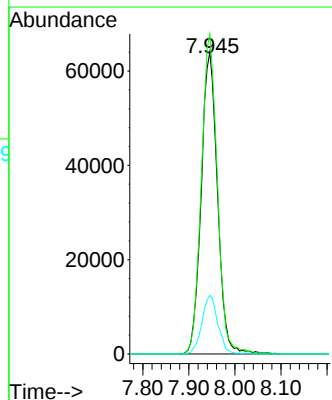
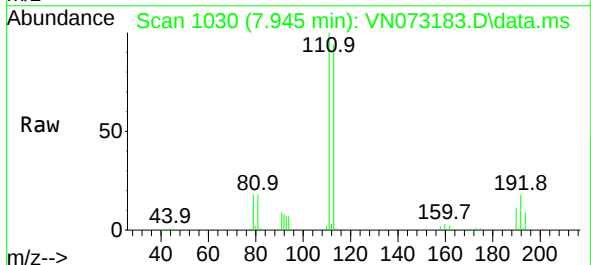
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

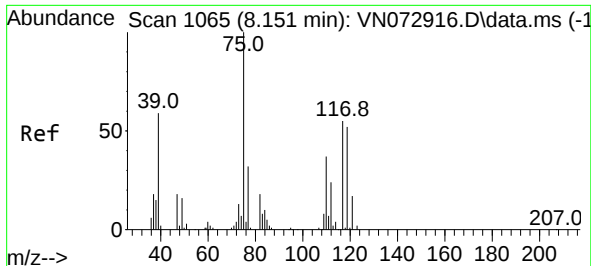
Tgt Ion:114 Resp: 530525
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:113 Resp: 157629
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 19.1 17.0 25.6

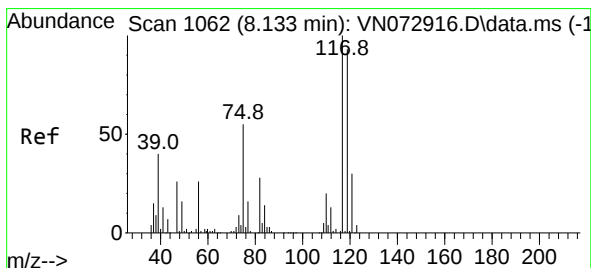
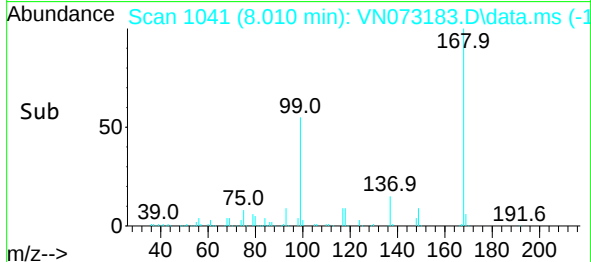
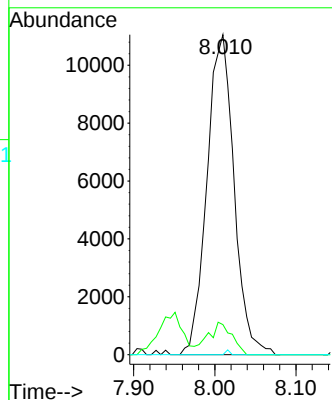
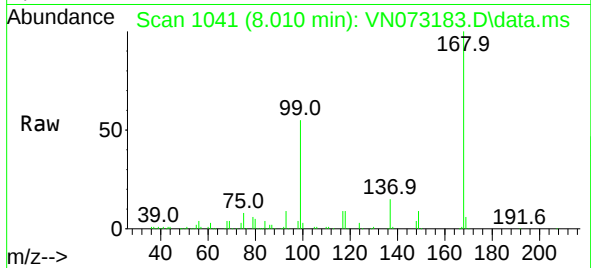




#36
1,1-Dichloropropene
Concen: 5.782 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

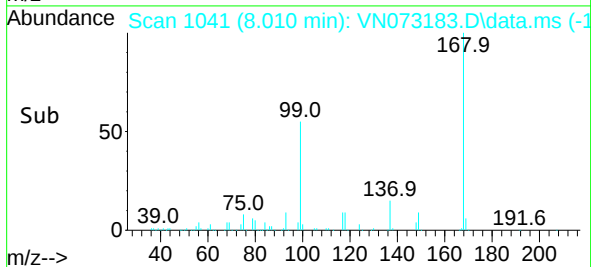
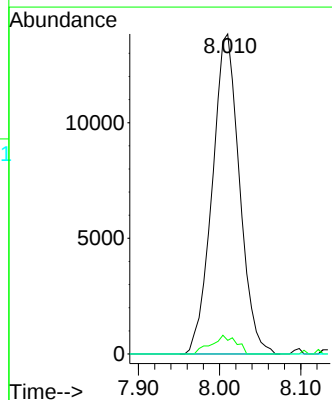
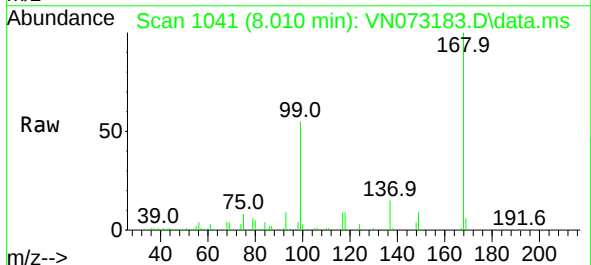
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

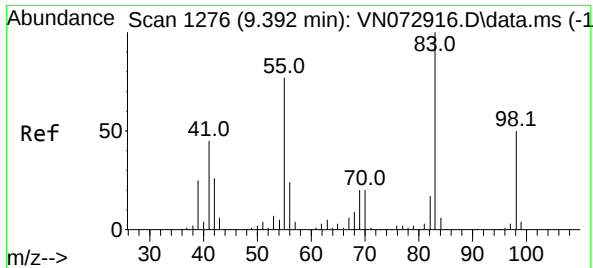
Tgt Ion: 75 Resp: 25655
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 117 Resp: 32279
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 4.023 ug/l

RT: 9.386 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3-GR

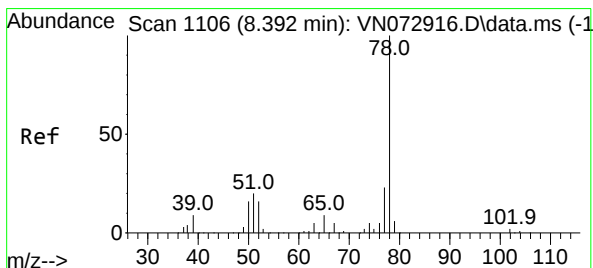
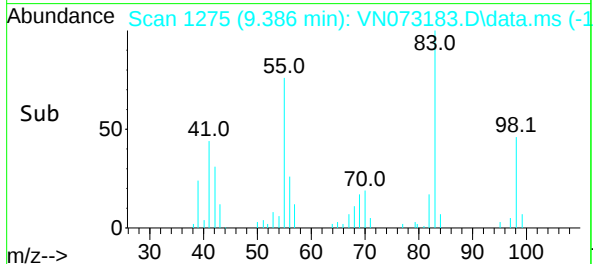
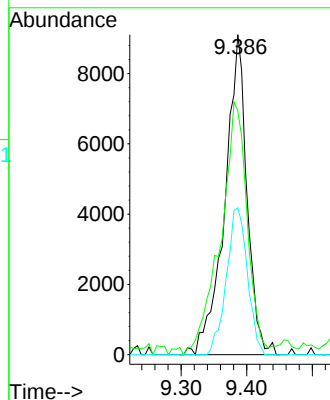
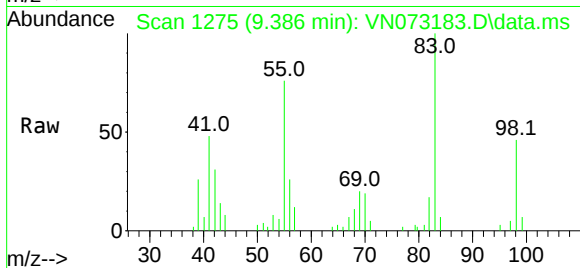
Tgt Ion: 83 Resp: 21514

Ion Ratio Lower Upper

83 100

55 73.9 57.8 86.8

98 45.9 39.4 59.2



#40

Benzene

Concen: 4.847 ug/l

RT: 8.380 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073183.D

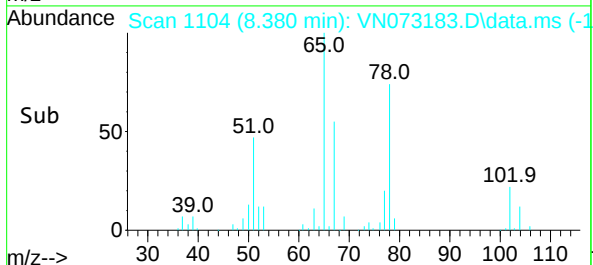
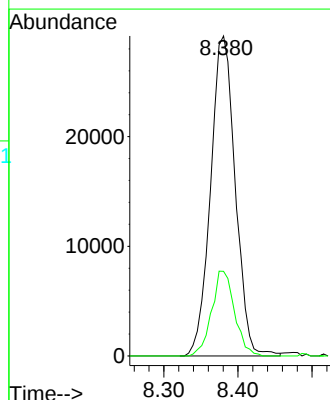
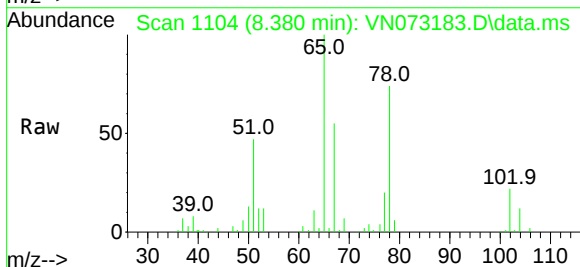
Acq: 28 Jun 2022 00:59

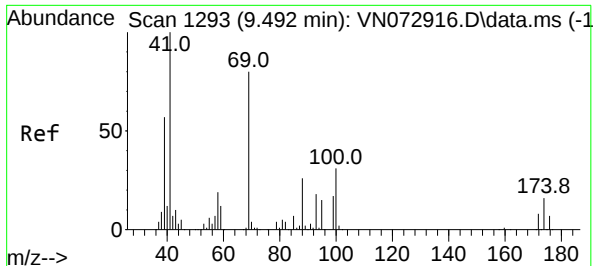
Tgt Ion: 78 Resp: 67591

Ion Ratio Lower Upper

78 100

77 26.5 19.4 29.0

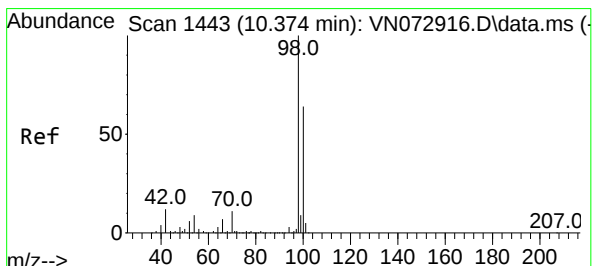
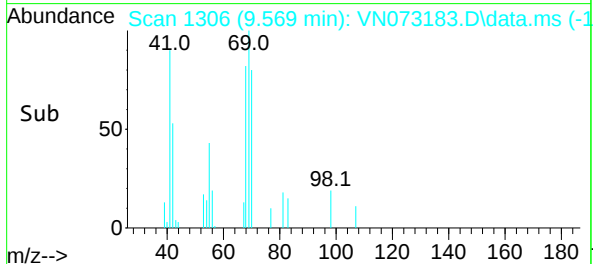
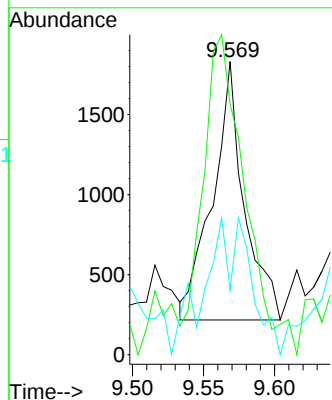
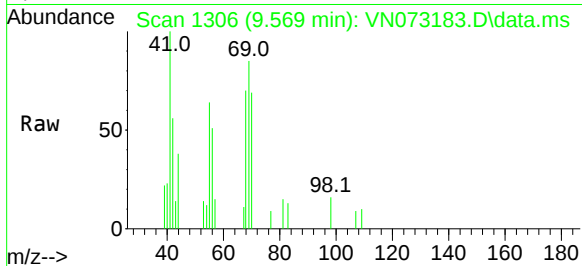




#48
Methyl methacrylate
Concen: 0.539 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

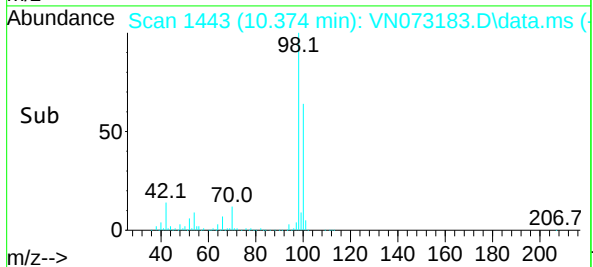
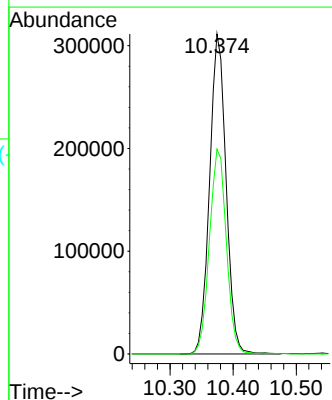
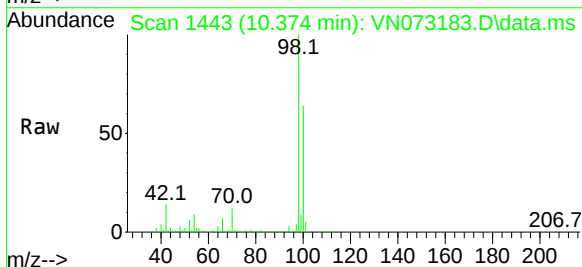
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

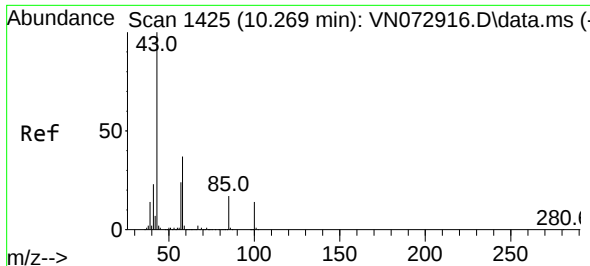
Tgt Ion: 41 Resp: 2497
Ion Ratio Lower Upper
41 100
69 163.4 74.7 112.1#
39 43.9 45.6 68.4#



#50
Toluene-d8
Concen: 46.180 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 98 Resp: 563471
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

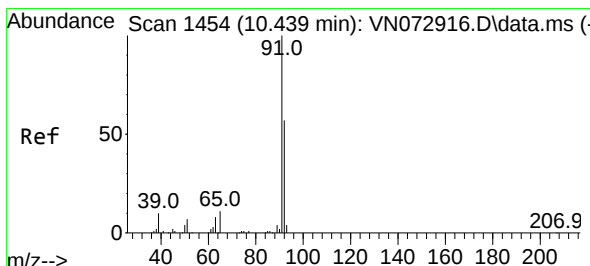
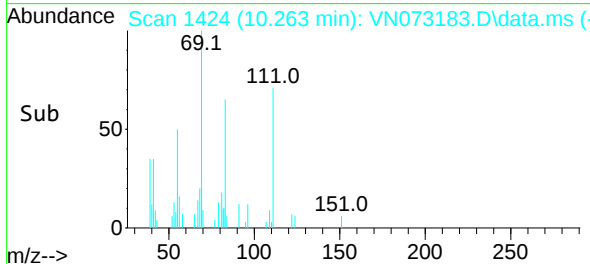
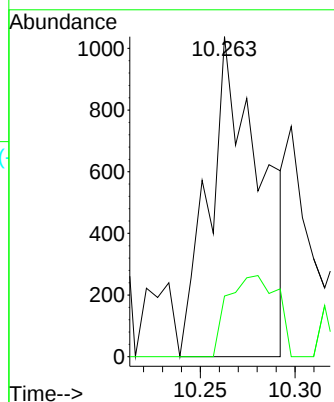
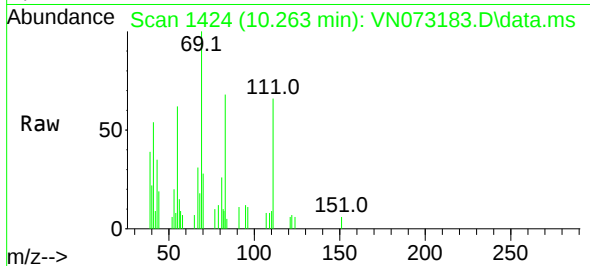




#51
4-Methyl-2-Pentanone
Concen: 0.296 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

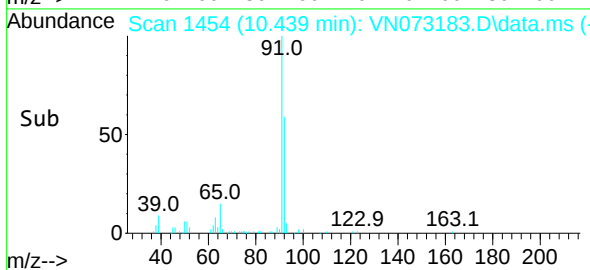
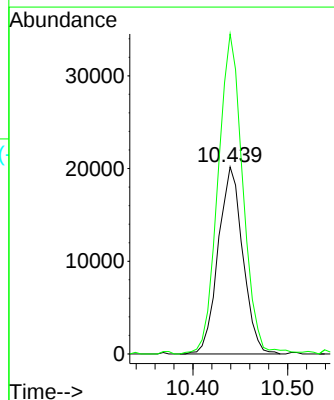
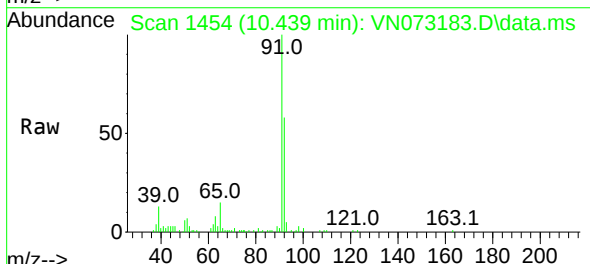
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

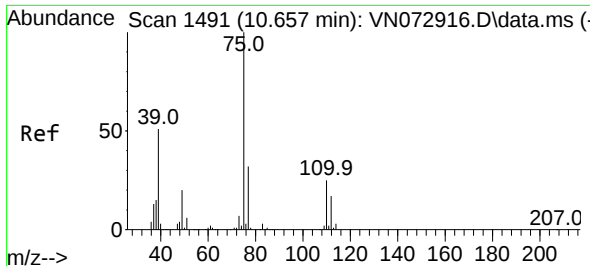
Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
58 24.3 34.1 51.1#



#52
Toluene
Concen: 4.251 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 92 Resp: 36397
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

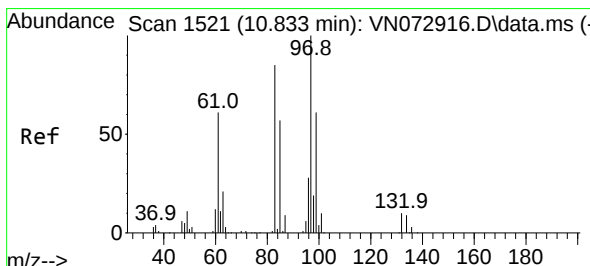
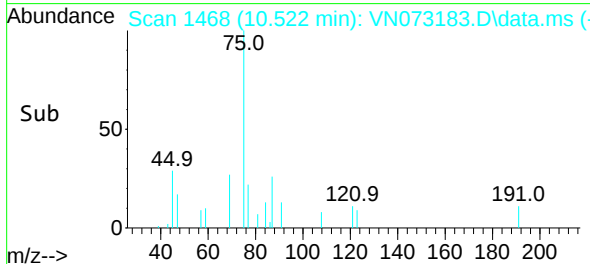
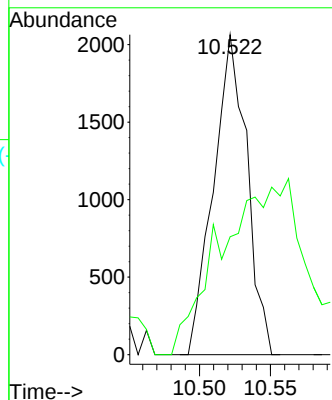
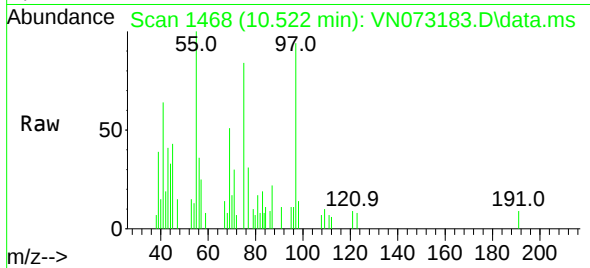




#53
t-1,3-Dichloropropene
Concen: 0.656 ug/l
RT: 10.522 min Scan# 1491
Delta R.T. -0.135 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

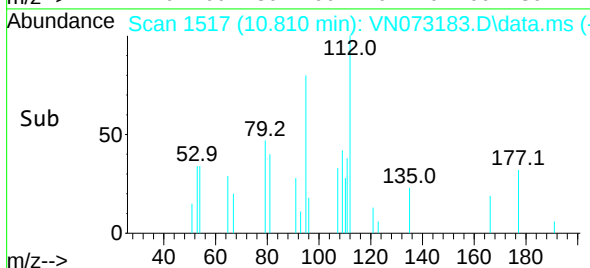
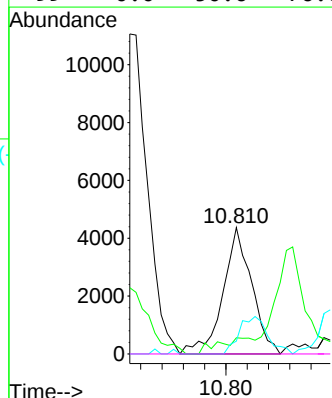
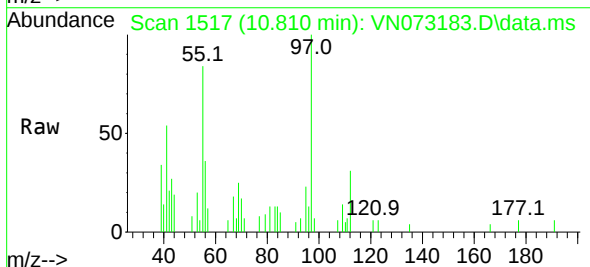
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

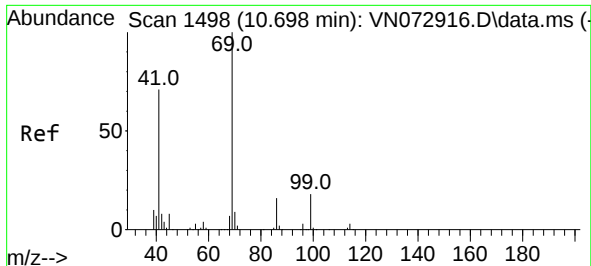
Tgt Ion: 75 Resp: 3378
Ion Ratio Lower Upper
75 100
77 27.5 25.6 38.4



#55
1,1,2-Trichloroethane
Concen: 2.179 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.024 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 97 Resp: 8190
Ion Ratio Lower Upper
97 100
83 8.4 66.2 99.4#
85 10.2 43.9 65.9#
99 0.0 50.6 76.0#

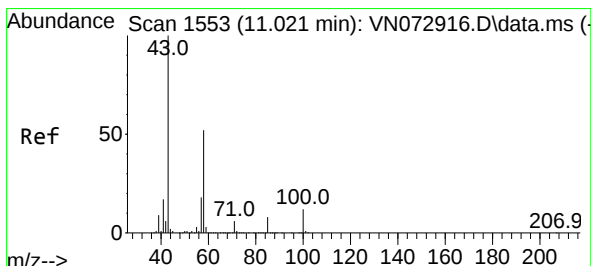
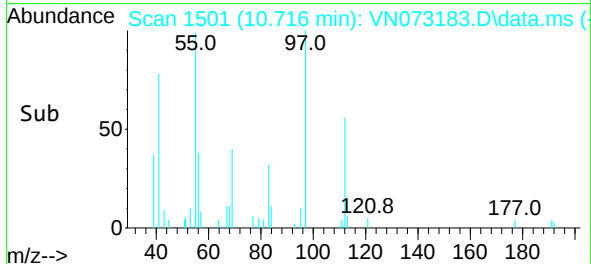
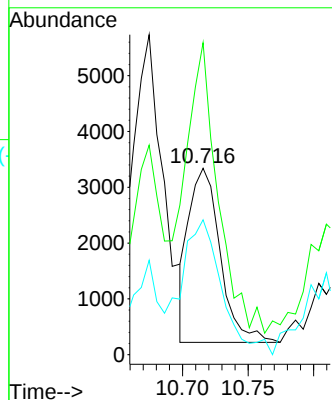
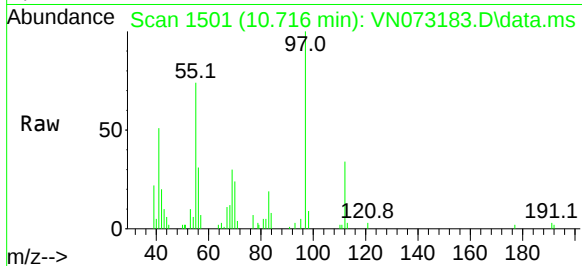




#56
Ethyl methacrylate
Concen: 0.863 ug/l
RT: 10.716 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

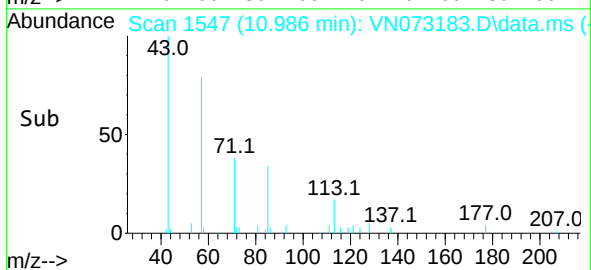
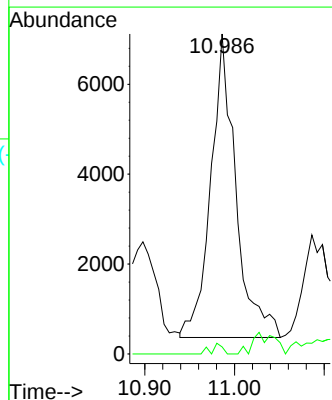
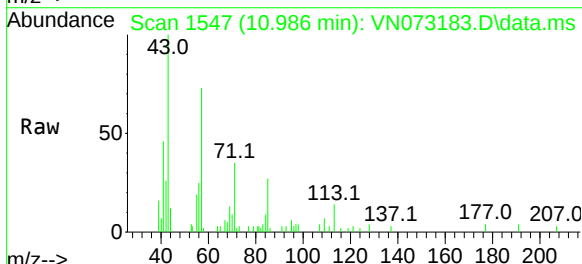
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

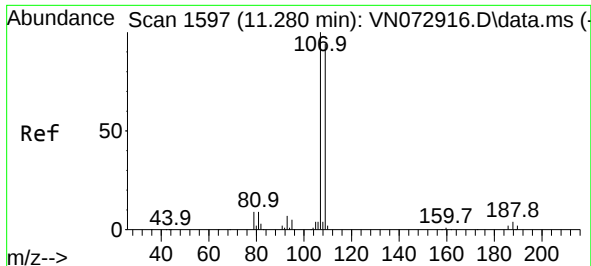
Tgt Ion: 69 Resp: 5197
Ion Ratio Lower Upper
69 100
41 178.8 47.8 71.6#
39 98.1 27.3 40.9#



#59
2-Hexanone
Concen: 2.564 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.035 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 43 Resp: 13121
Ion Ratio Lower Upper
43 100
58 1.5 29.7 89.1#

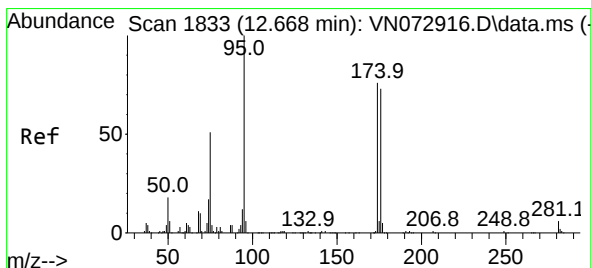
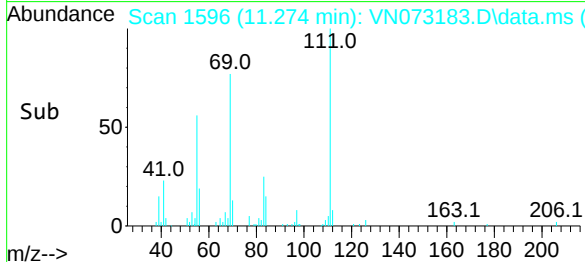
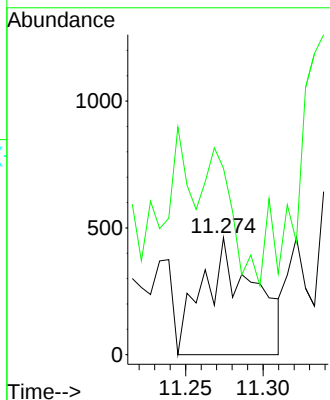
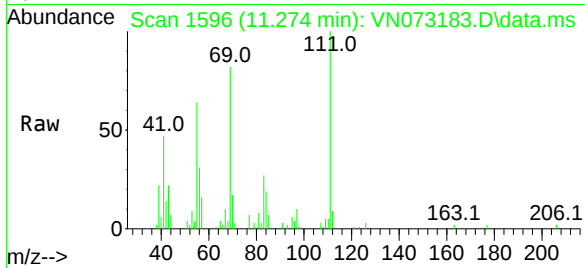




#61
1,2-Dibromoethane
Concen: 0.285 ug/l
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

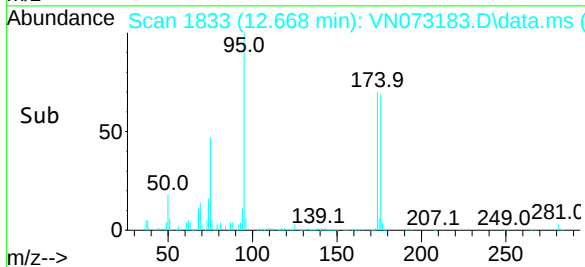
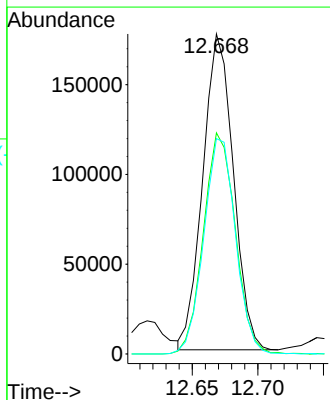
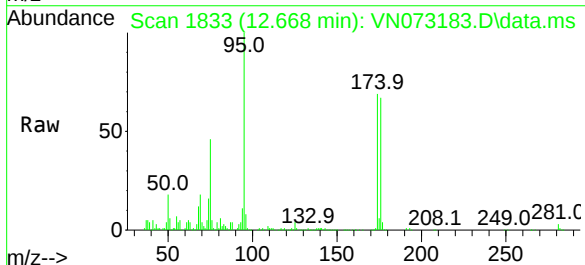
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

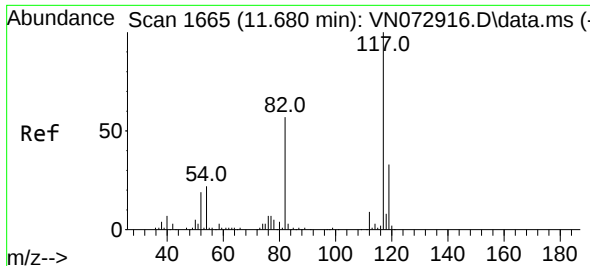
Tgt Ion:107 Resp: 1055
Ion Ratio Lower Upper
107 100
109 62.7 75.0 112.6#



#62
4-Bromofluorobenzene
Concen: 64.873 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 95 Resp: 284635
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.1 0.0 163.4

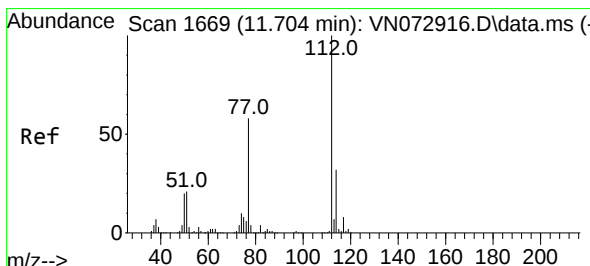
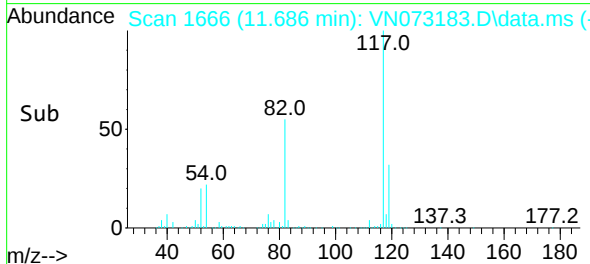
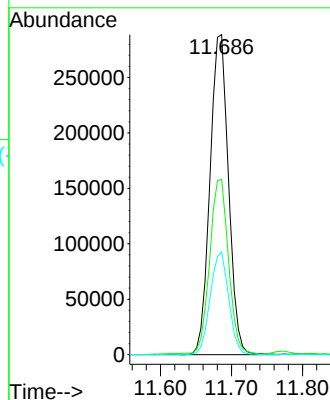
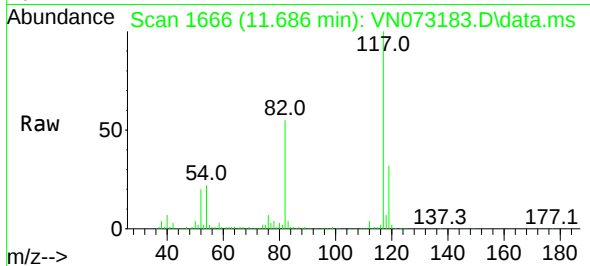




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

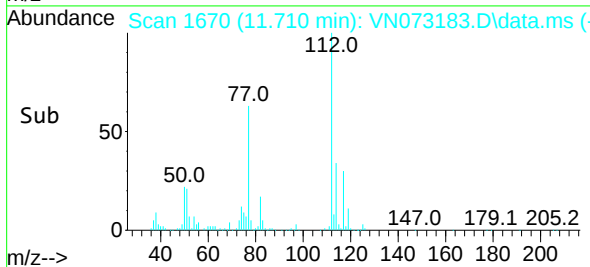
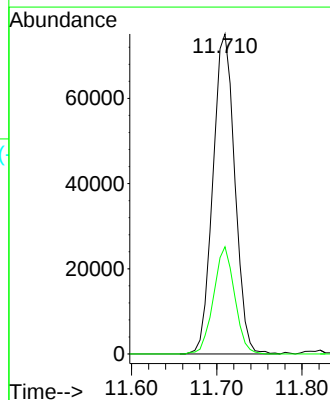
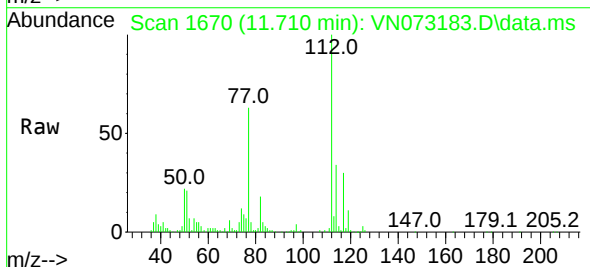
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

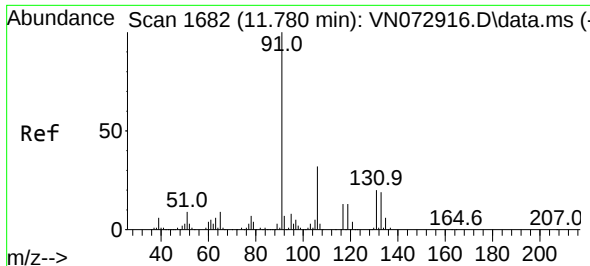
Tgt Ion:117 Resp: 522984
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.0 25.4 38.0



#65
Chlorobenzene
Concen: 13.115 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:112 Resp: 133956
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

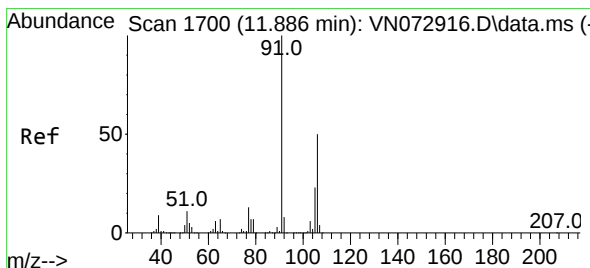
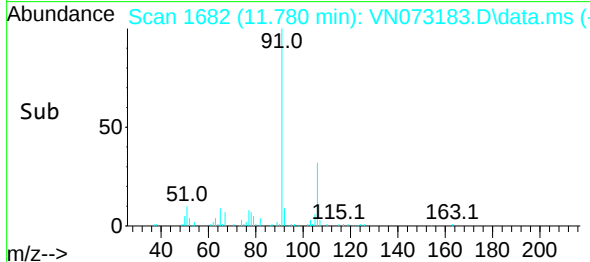
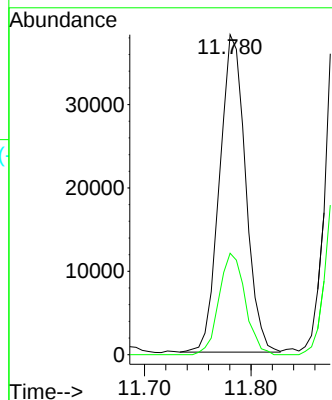
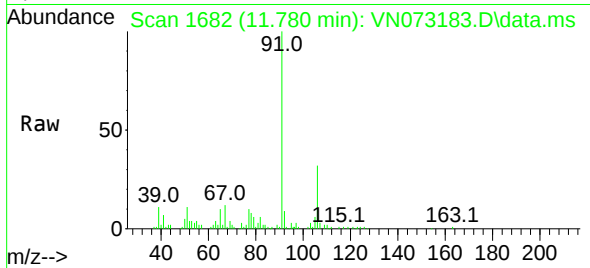




#67
Ethyl Benzene
Concen: 3.596 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

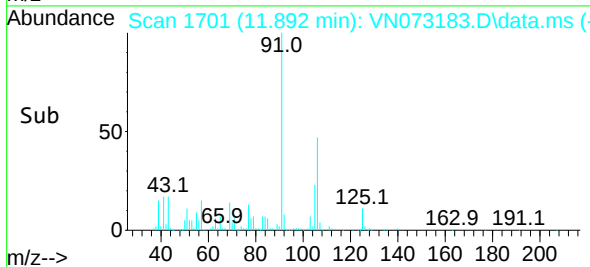
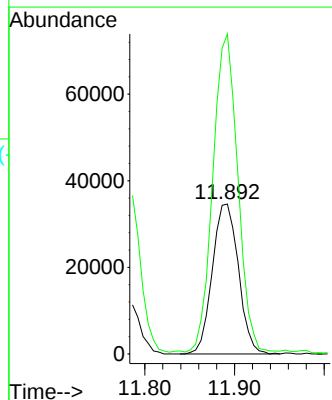
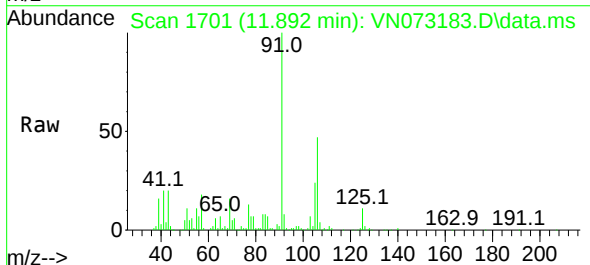
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

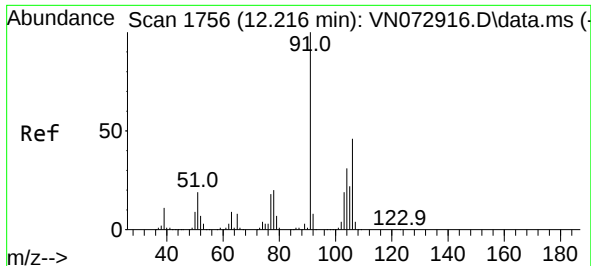
Tgt Ion: 91 Resp: 64656
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 9.904 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 106 Resp: 69844
Ion Ratio Lower Upper
106 100
91 202.3 158.9 238.3

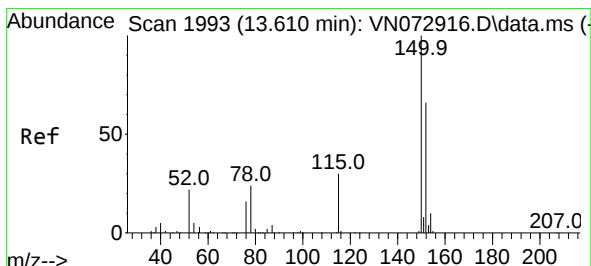
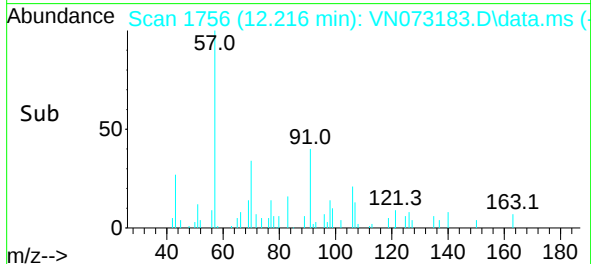
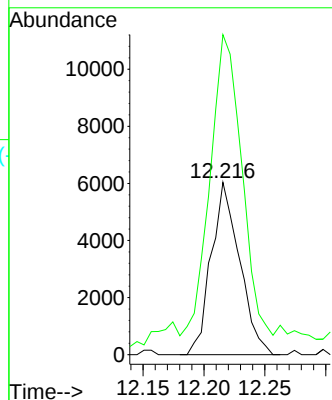
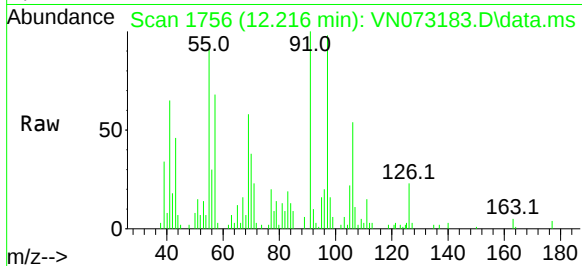




#69
o-Xylene
Concen: 1.392 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

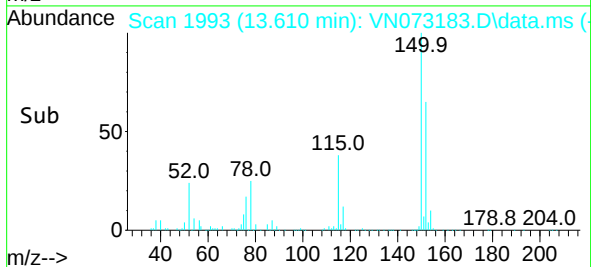
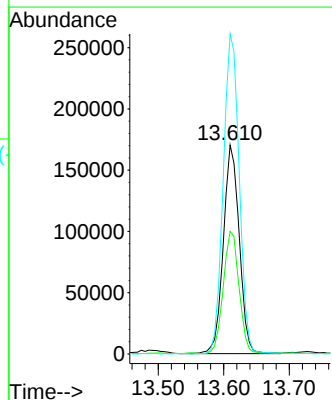
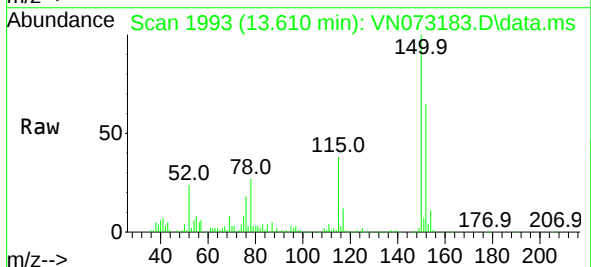
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

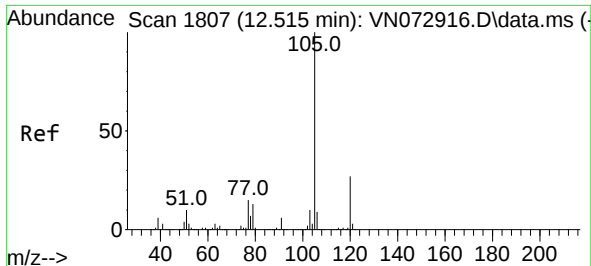
Tgt Ion:106 Resp: 9809
Ion Ratio Lower Upper
106 100
91 194.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:152 Resp: 286245
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 154.0 0.0 356.2

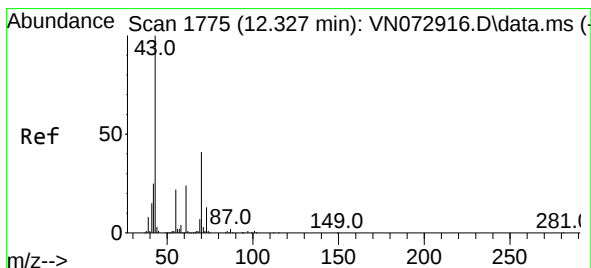
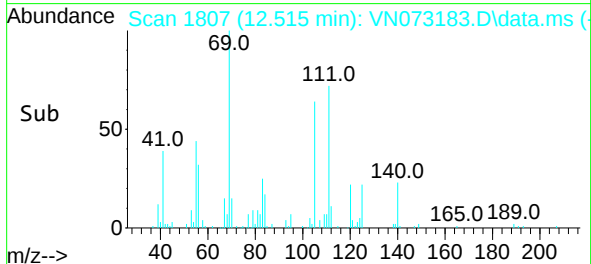
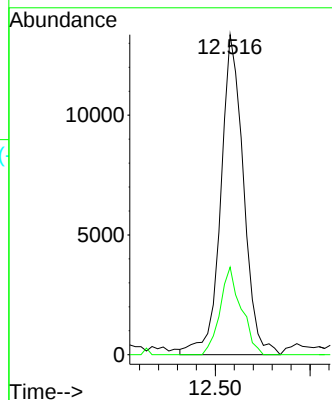
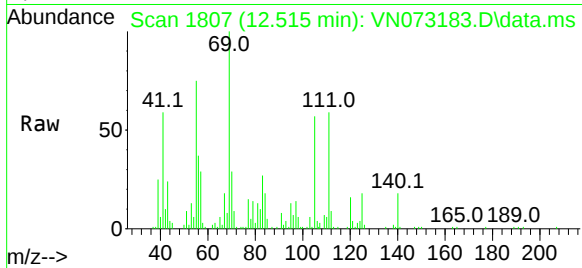




#73
Isopropylbenzene
Concen: 1.006 ug/l
RT: 12.515 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

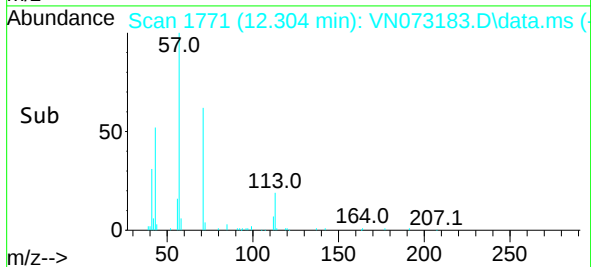
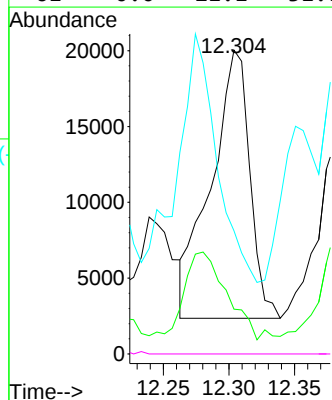
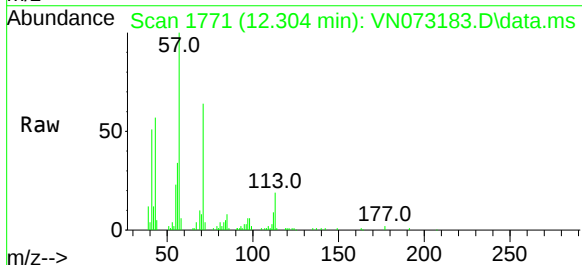
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

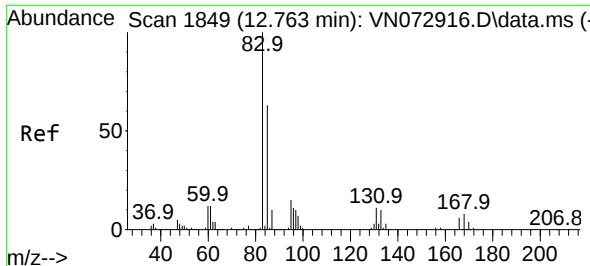
Tgt Ion:105 Resp: 22281
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4



#74
N-ethyl acetate
Concen: 3.170 ug/l
RT: 12.304 min Scan# 1771
Delta R.T. -0.024 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 43 Resp: 36432
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

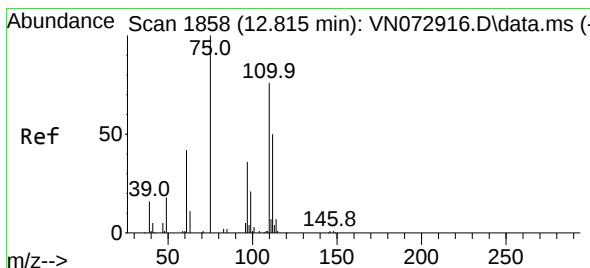
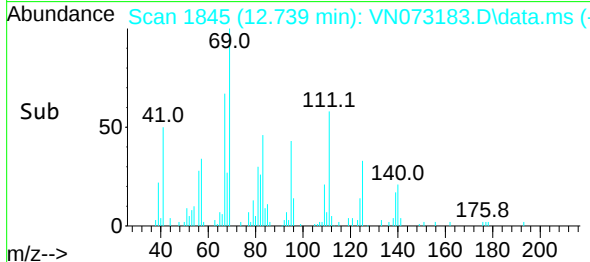
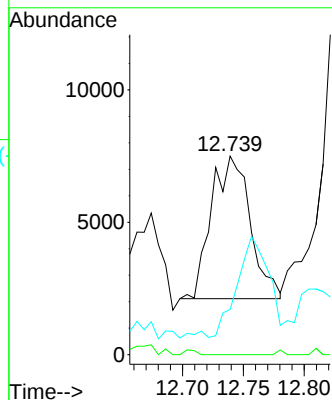
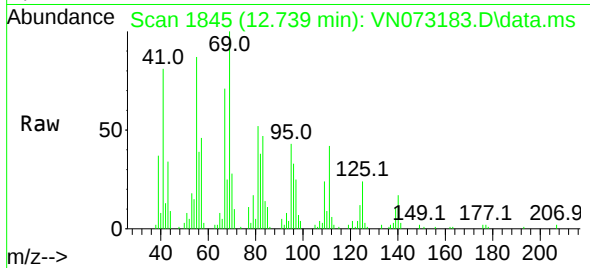




#75
 1,1,2-Tetrachloroethane
 Concen: 1.495 ug/l
 RT: 12.739 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VN073183.D
 Acq: 28 Jun 2022 00:59

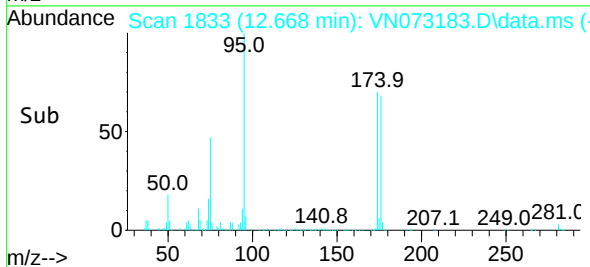
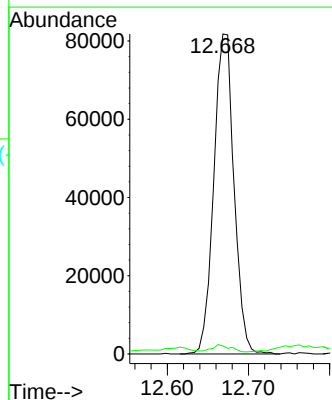
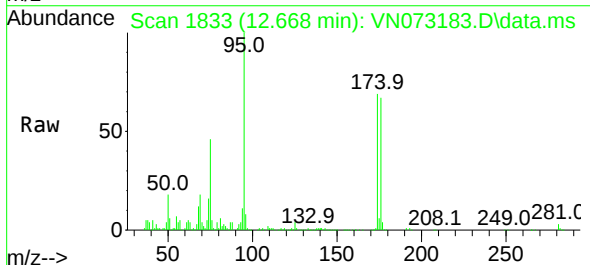
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3-GR

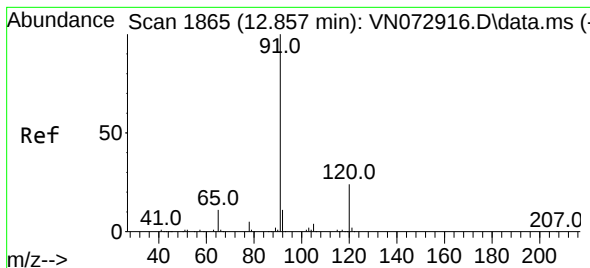
Tgt Ion: 83 Resp: 11920
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.9#
 85 60.8 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 20.395 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073183.D
 Acq: 28 Jun 2022 00:59

Tgt Ion: 75 Resp: 141538
 Ion Ratio Lower Upper
 75 100
 77 2.0 98.5 295.5#





#78

n-propylbenzene

Concen: 3.663 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

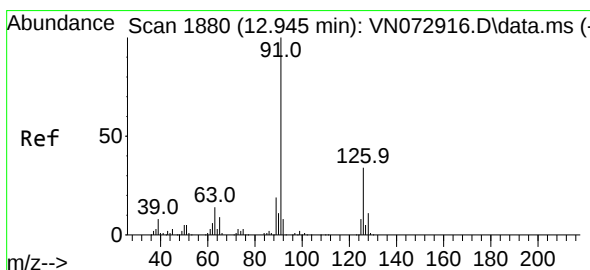
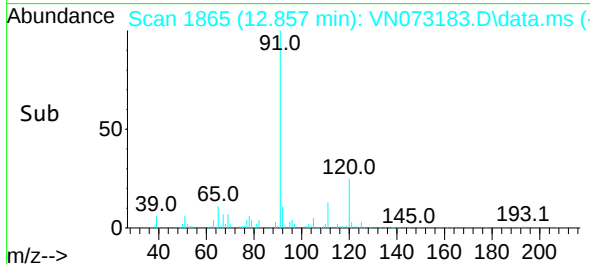
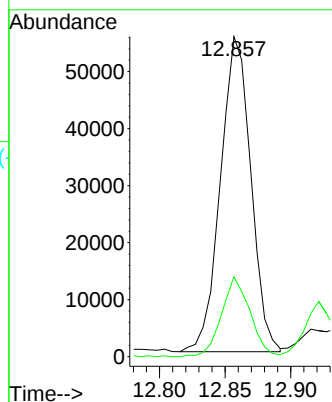
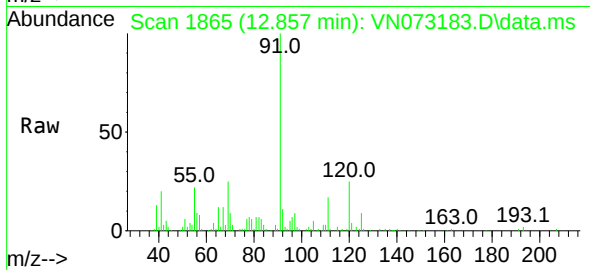
SP-EXC-2-3-GR

Tgt Ion: 91 Resp: 89232

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.409 ug/l

RT: 12.915 min Scan# 1875

Delta R.T. -0.029 min

Lab File: VN073183.D

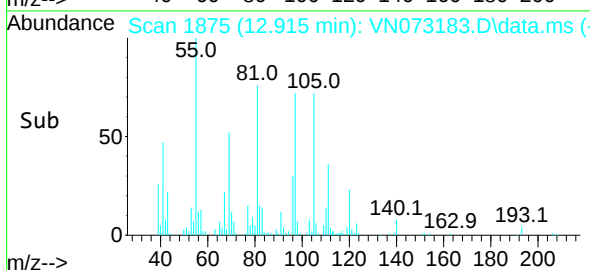
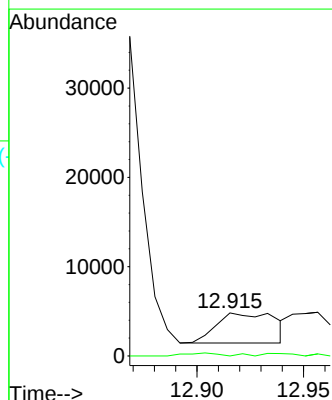
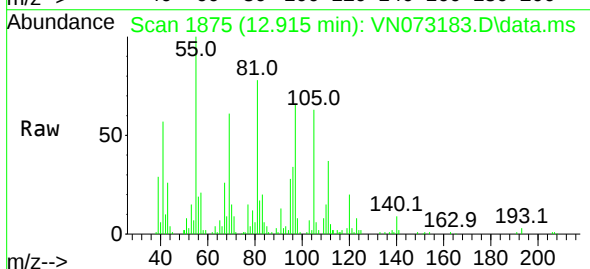
Acq: 28 Jun 2022 00:59

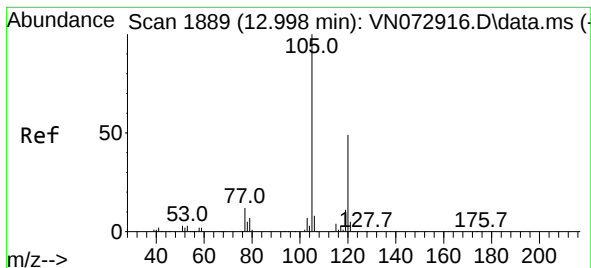
Tgt Ion: 91 Resp: 6457

Ion Ratio Lower Upper

91 100

126 5.3 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 1.004 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

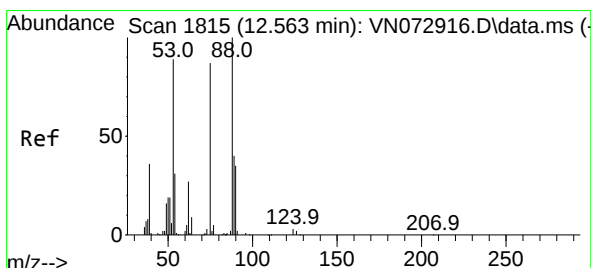
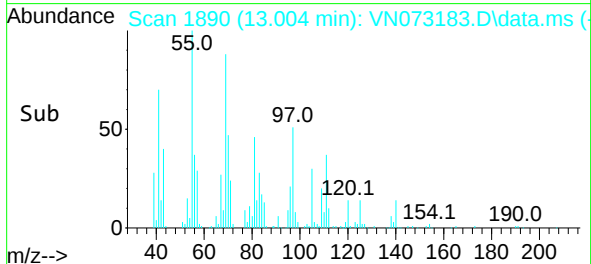
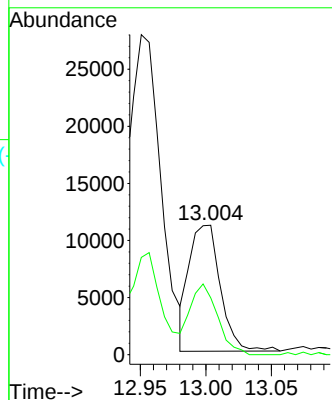
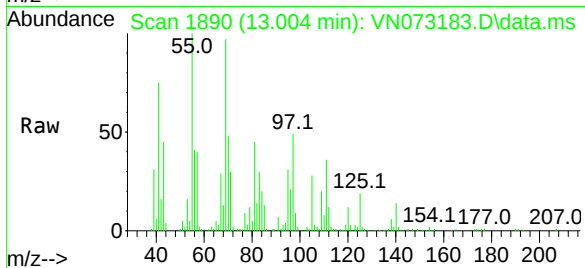
SP-EXC-2-3-GR

Tgt Ion:105 Resp: 18262

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 55.078 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

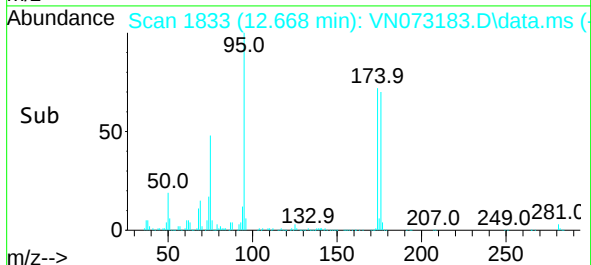
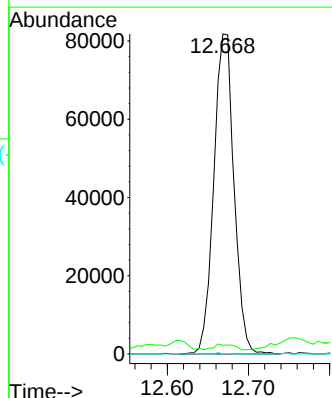
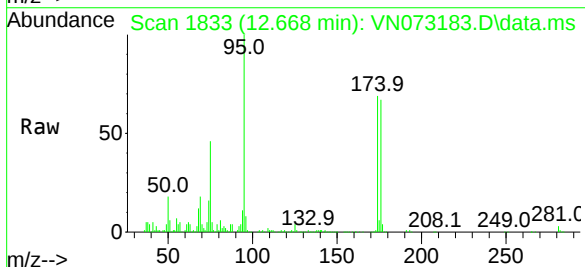
Tgt Ion: 75 Resp: 141538

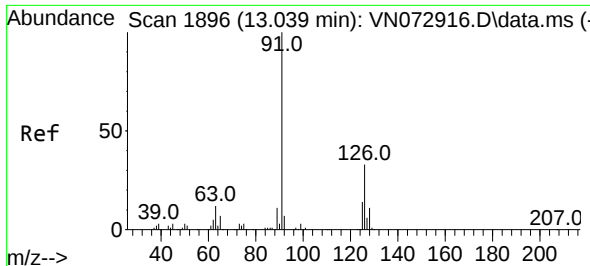
Ion Ratio Lower Upper

75 100

53 1.6 78.0 117.0#

89 0.1 37.2 55.8#

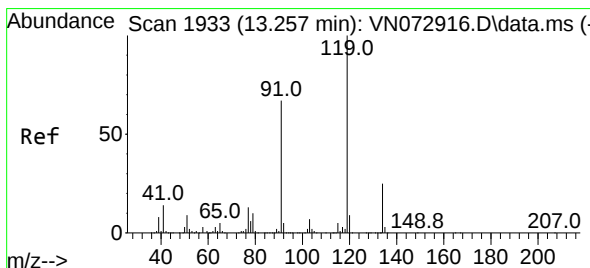
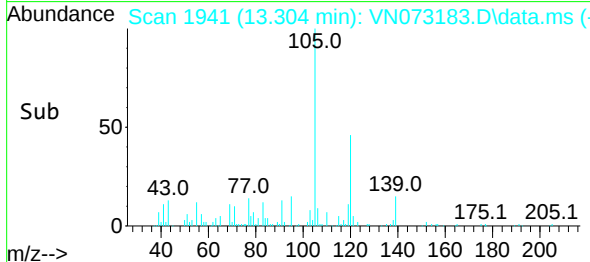
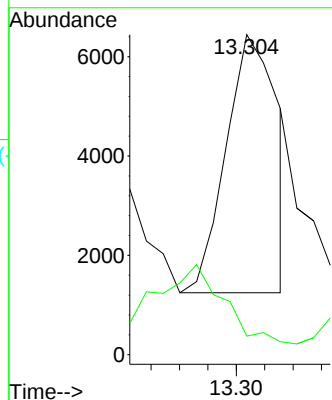
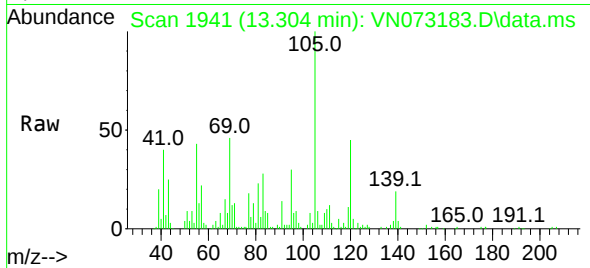




#82
4-Chlorotoluene
Concen: 0.440 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.265 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

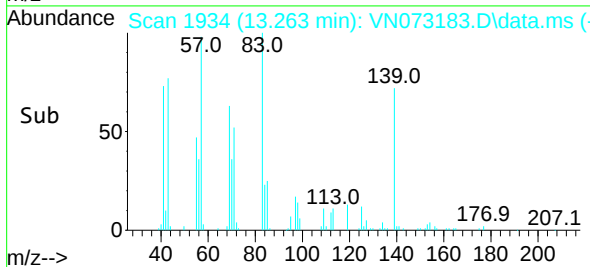
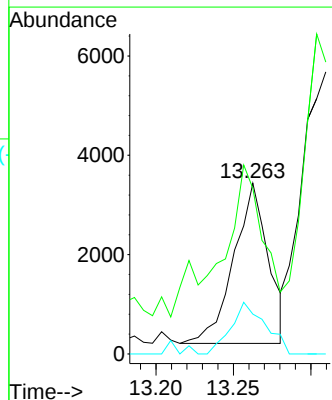
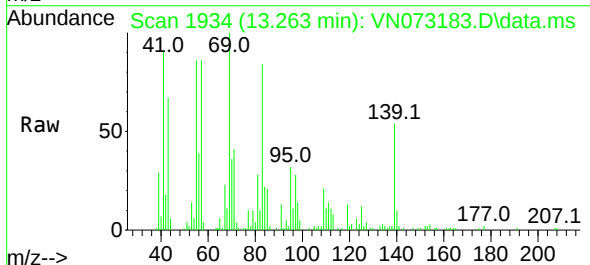
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

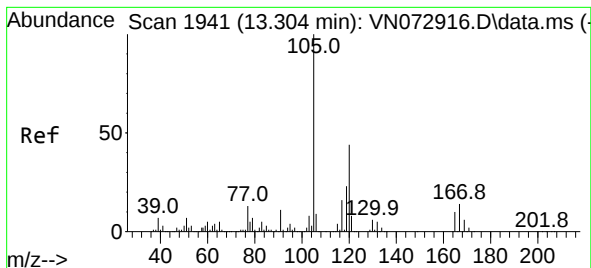
Tgt Ion: 91 Resp: 6561
Ion Ratio Lower Upper
91 100
126 39.0 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.301 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 119 Resp: 5010
Ion Ratio Lower Upper
119 100
91 89.1 31.6 94.8
134 32.1 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 4.007 ug/l

RT: 13.310 min Scan# 1941

Delta R.T. 0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

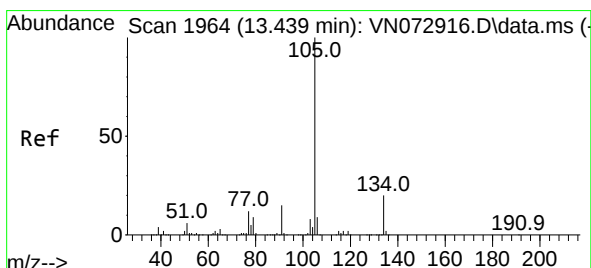
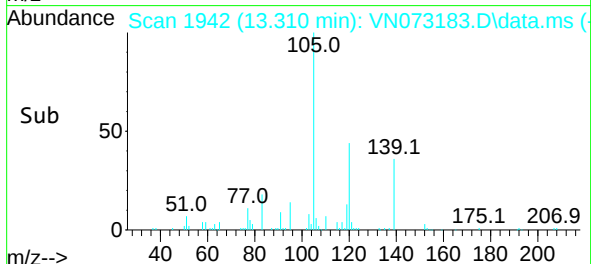
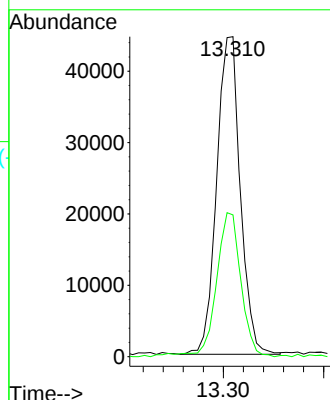
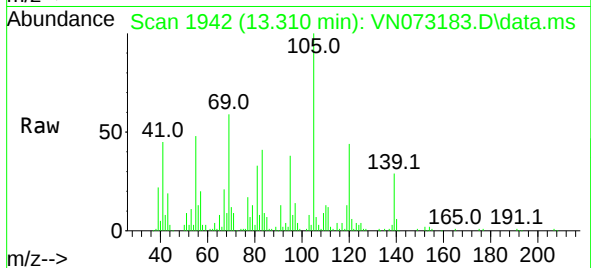
SP-EXC-2-3-GR

Tgt Ion:105 Resp: 72589

Ion Ratio Lower Upper

105 100

120 47.3 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.915 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN073183.D

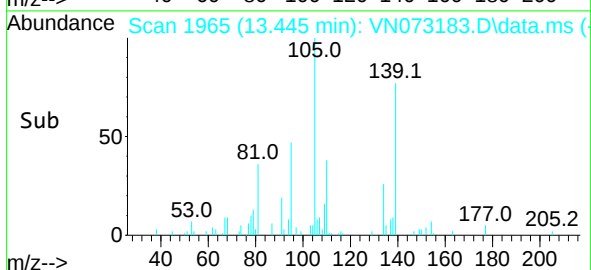
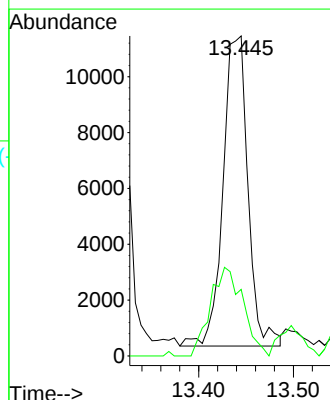
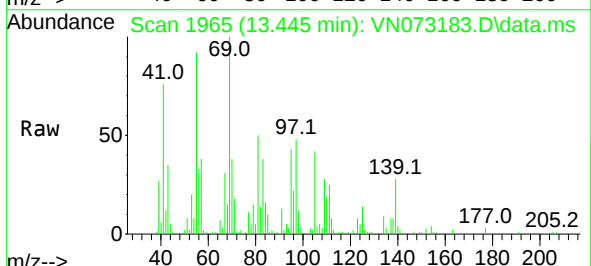
Acq: 28 Jun 2022 00:59

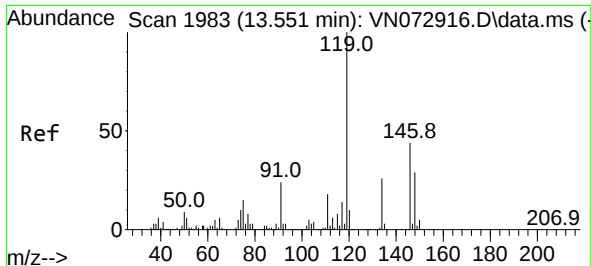
Tgt Ion:105 Resp: 20342

Ion Ratio Lower Upper

105 100

134 37.3 10.4 31.1#

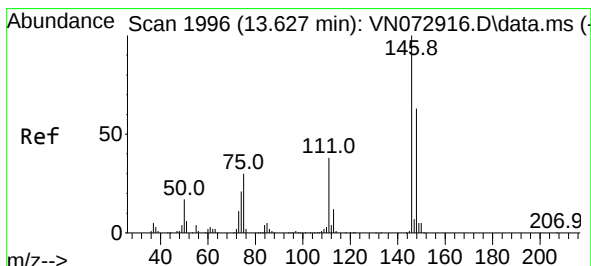
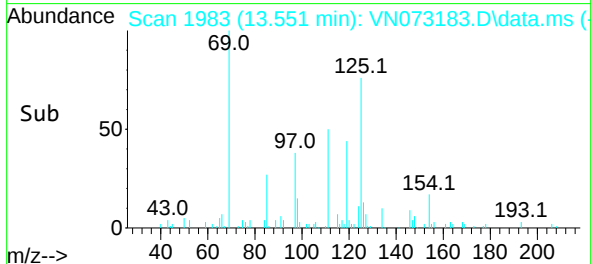
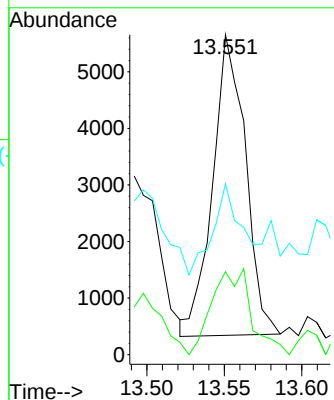
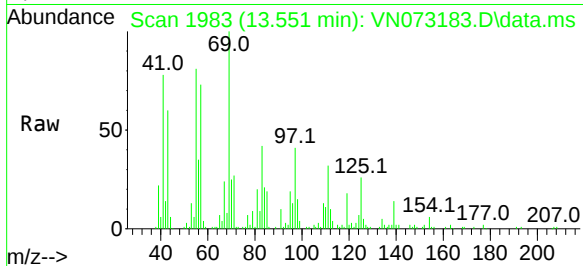




#86
 p-Isopropyltoluene
 Concen: 0.434 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073183.D
 Acq: 28 Jun 2022 00:59

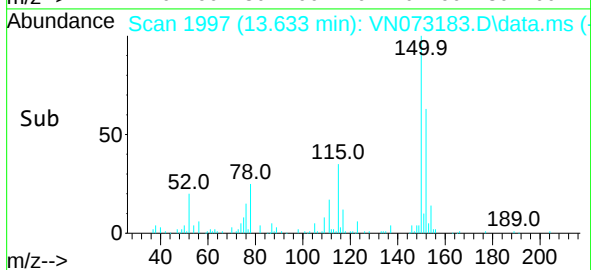
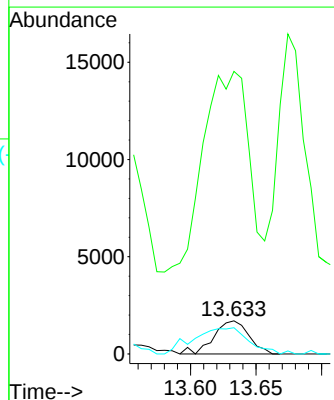
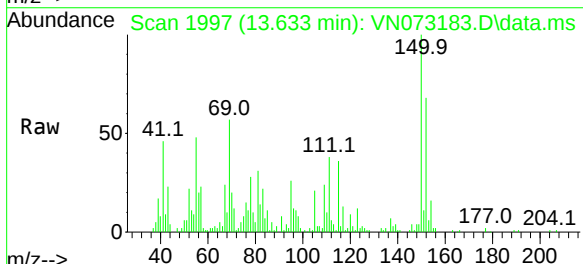
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3-GR

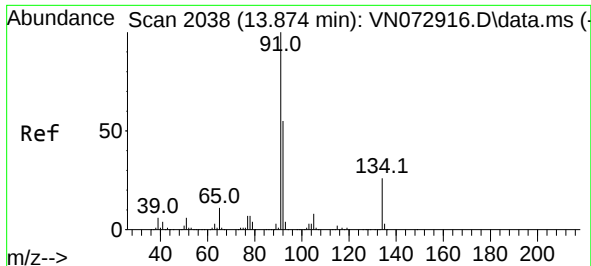
Tgt Ion:	119	Resp:	7816
Ion Ratio	Lower	Upper	
119	100		
134	34.0	13.3	39.8
91	28.1	11.3	33.9



#88
 1,4-Dichlorobenzene
 Concen: 0.330 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073183.D
 Acq: 28 Jun 2022 00:59

Tgt Ion:	146	Resp:	3168
Ion Ratio	Lower	Upper	
146	100		
111	788.5	19.1	57.1#
148	124.3	31.4	94.3#

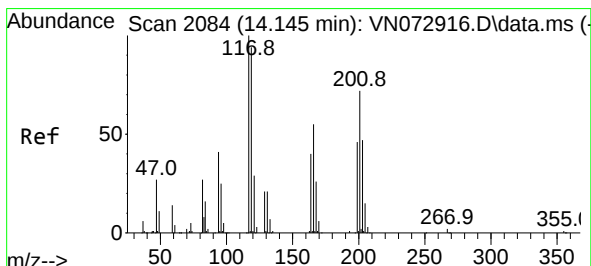
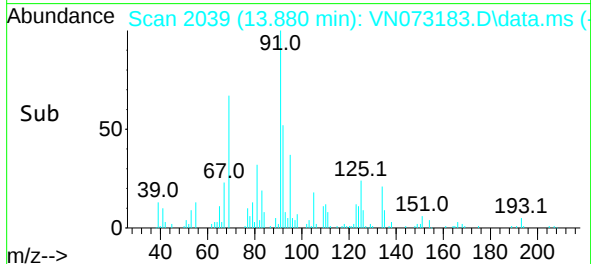
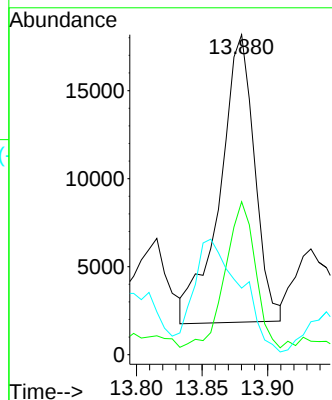
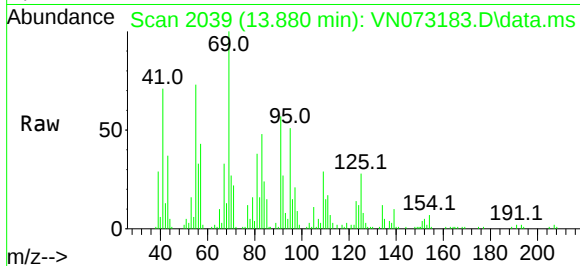




#89
n-Butylbenzene
Concen: 2.044 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

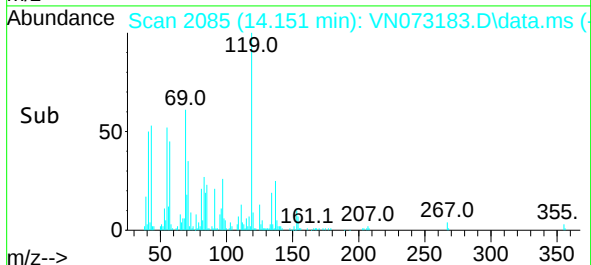
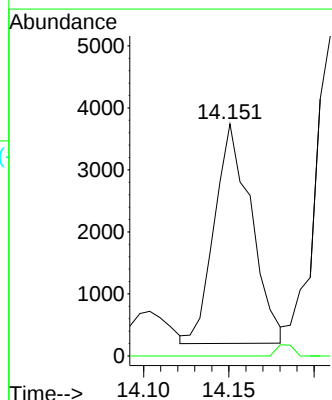
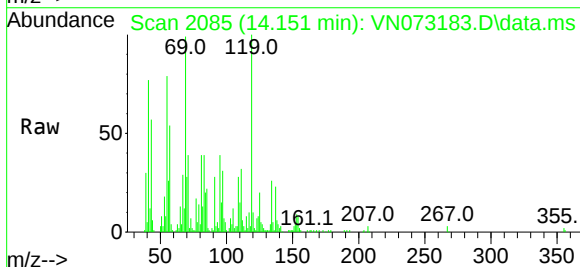
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

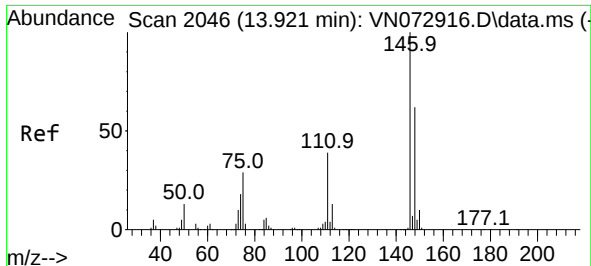
Tgt Ion: 91 Resp: 30025
Ion Ratio Lower Upper
91 100
92 43.7 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.568 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 117 Resp: 5319
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

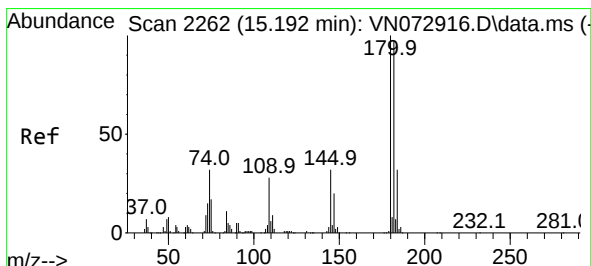
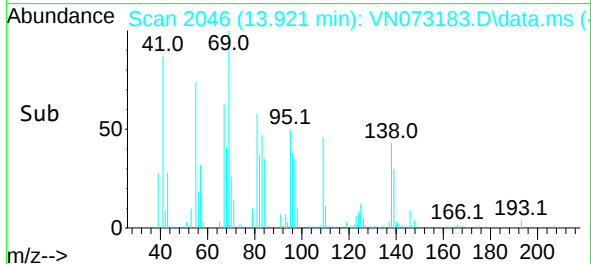
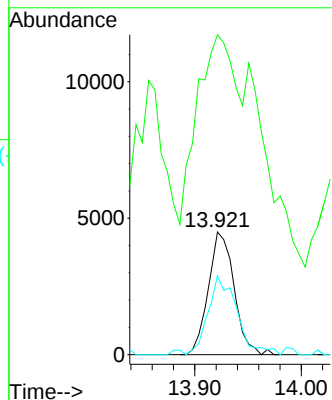
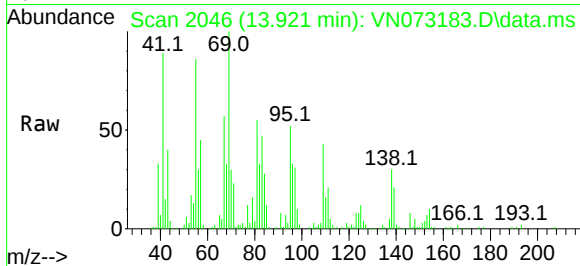




#91
1,2-Dichlorobenzene
Concen: 0.767 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

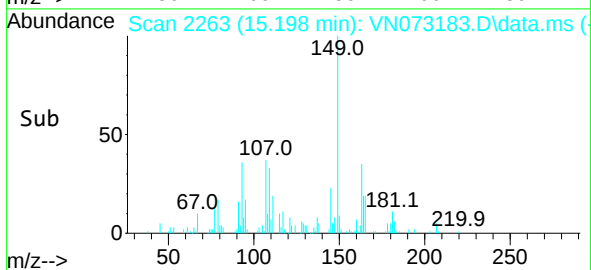
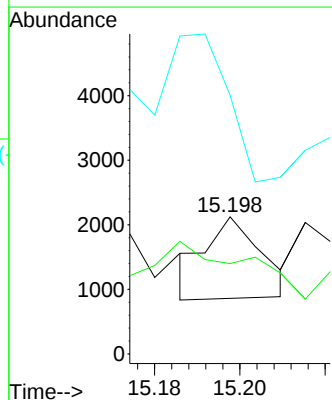
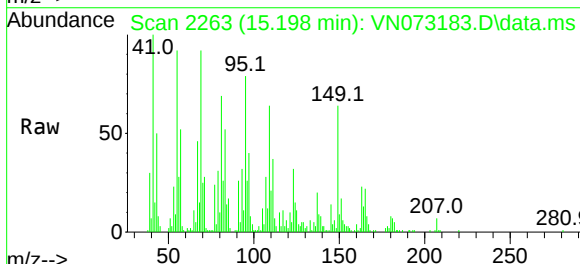
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

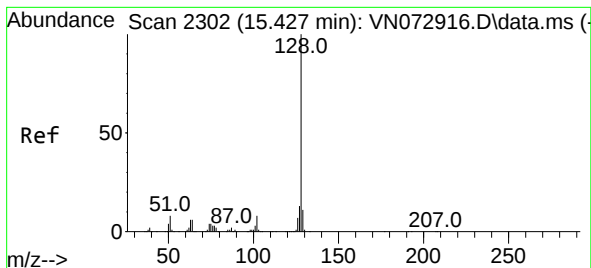
Tgt Ion:146 Resp: 7572
Ion Ratio Lower Upper
146 100
111 237.5 20.9 62.8#
148 72.9 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 0.207 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:180 Resp: 1133
Ion Ratio Lower Upper
180 100
182 217.2 47.5 142.5#
145 1113.3 14.5 43.5#





#95

Naphthalene

Concen: 3.157 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3-GR

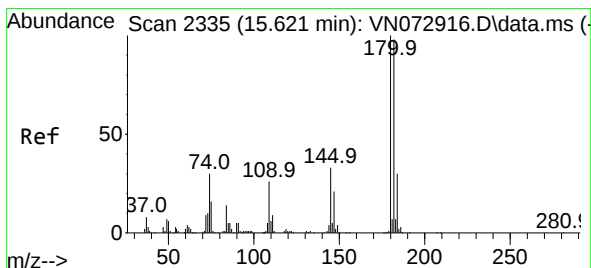
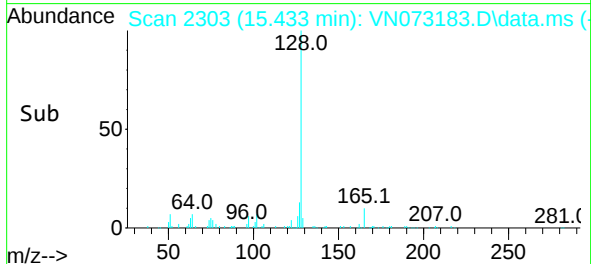
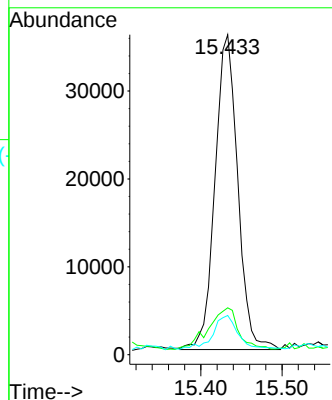
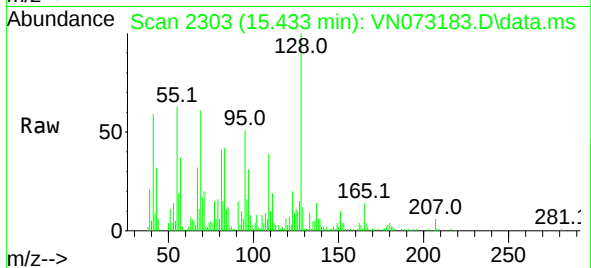
Tgt Ion:128 Resp: 69800

Ion Ratio Lower Upper

128 100

127 17.4 10.3 15.5#

129 11.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.855 ug/l

RT: 15.639 min Scan# 2338

Delta R.T. 0.018 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Tgt Ion:180 Resp: 4991

Ion Ratio Lower Upper

180 100

182 4.6 47.8 143.3#

145 0.0 15.5 46.5#

