

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072409.D
 Acq On : 24 Mar 2022 15:53
 Operator : VA/SY
 Sample : N2072-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-32222

Quant Time: Mar 25 02:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

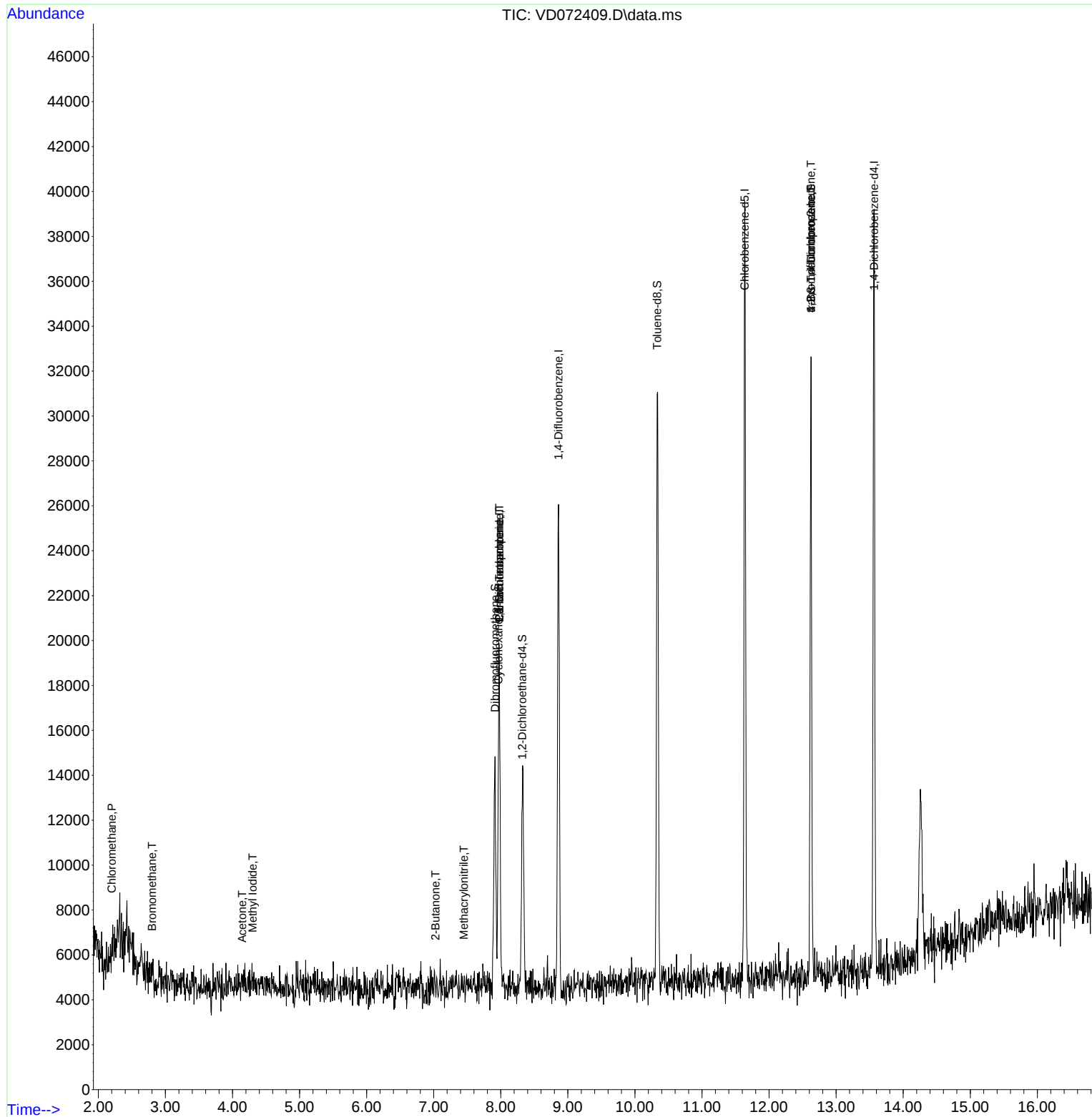
Internal Standards						
1) Pentafluorobenzene	7.979	168	11125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	17413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	20112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7663	61.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.620%	
35) Dibromofluoromethane	7.914	113	6485	52.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.840%	
50) Toluene-d8	10.332	98	19353	43.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.380%	
62) 4-Bromofluorobenzene	12.626	95	8327	47.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	437	4.779	ug/l	# 40
5) Bromomethane	2.803	94	344	5.985	ug/l	# 55
10) Methyl Iodide	4.303	142	83	2.923	ug/l	# 38
16) Acetone	4.144	43	98	3.641	ug/l	# 47
20) Methylene Chloride	4.955	84	184	Below Cal	#	50
25) 2-Butanone	7.026	43	62	1.727	ug/l	# 52
31) Cyclohexane	7.967	56	292	1.507	ug/l	# 21
36) 1,1-Dichloropropene	7.979	75	1067	6.207	ug/l	# 43
38) Carbon Tetrachloride	7.979	117	1641	8.398	ug/l	# 13
41) Methacrylonitrile	7.449	41	66	1.504	ug/l	# 27
76) 1,2,3-Trichloropropane	12.626	75	4526	42.602	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	4526	105.701	ug/l	# 7

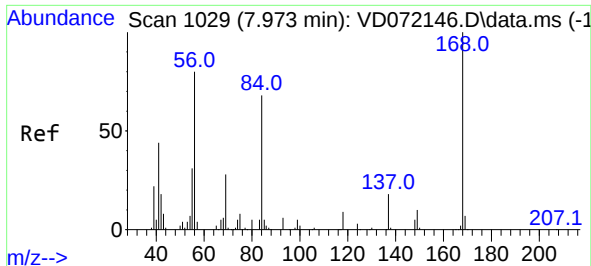
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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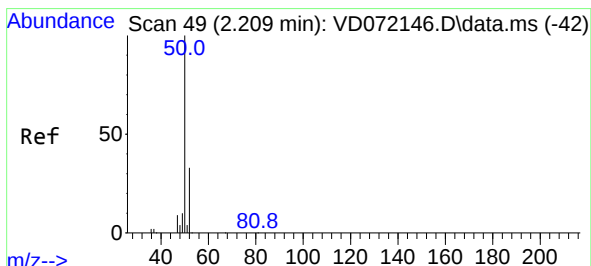
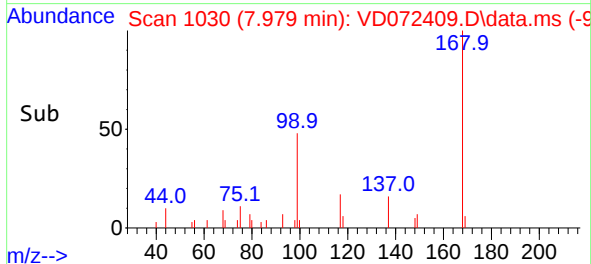
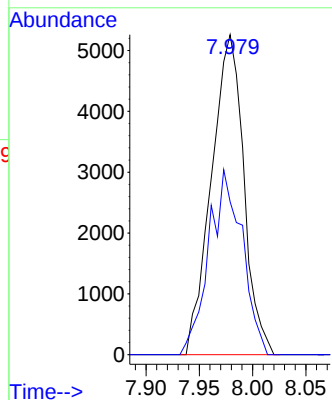
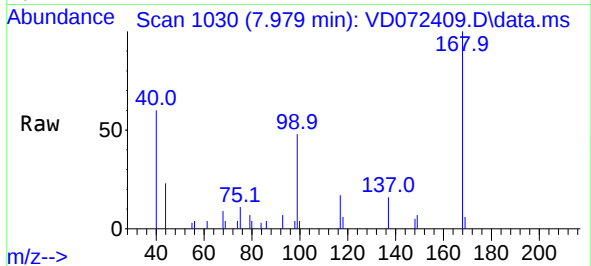




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

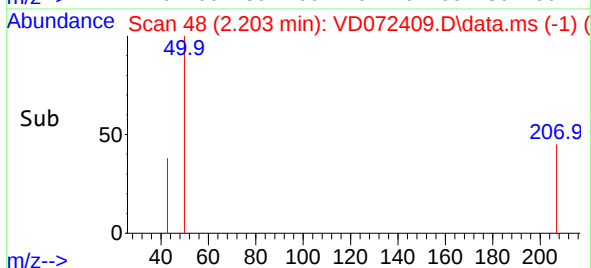
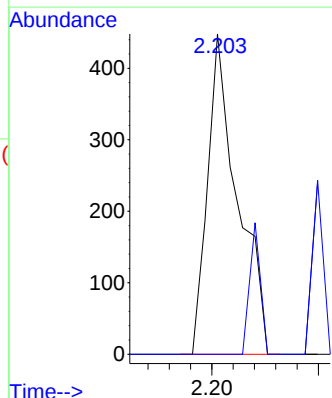
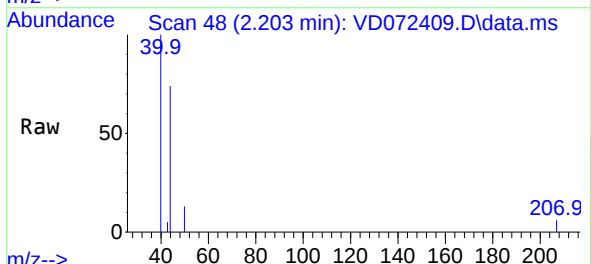
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

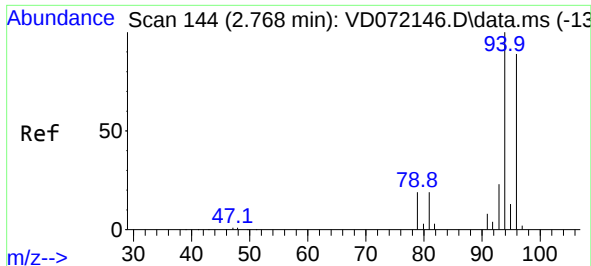
Tgt Ion:168 Resp: 11125
Ion Ratio Lower Upper
168 100
99 47.8 49.8 74.6#



#3
Chloromethane
Concen: 4.779 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#





#5

Bromomethane

Concen: 5.985 ug/l

RT: 2.803 min Scan# 11

Delta R.T. 0.035 min

Lab File: VD072409.D

Acq: 24 Mar 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

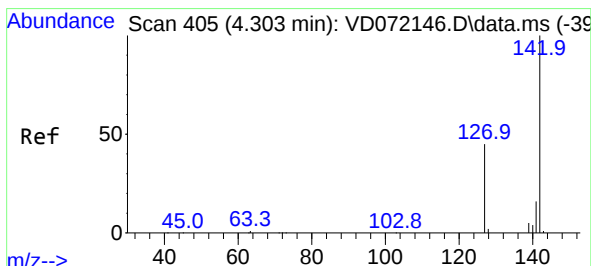
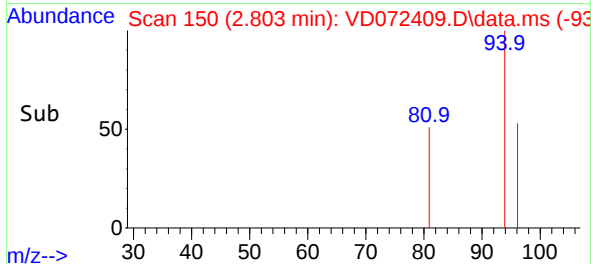
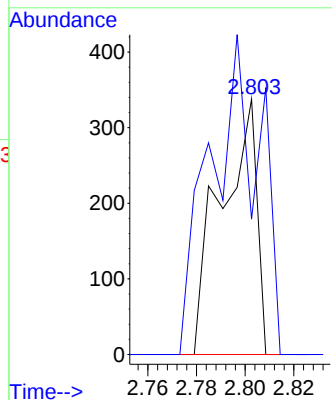
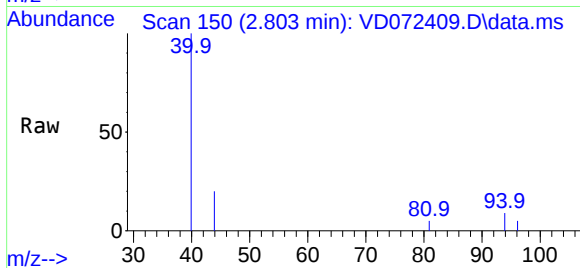
EO-03-32222

Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

94 100

96 53.0 77.6 116.4#



#10

Methyl Iodide

Concen: 2.923 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD072409.D

Acq: 24 Mar 2022 15:53

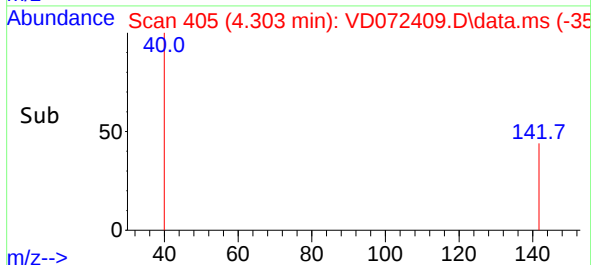
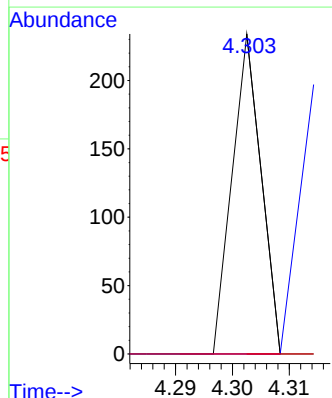
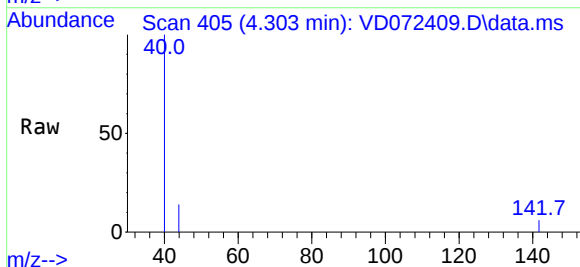
Tgt Ion:142 Resp: 83

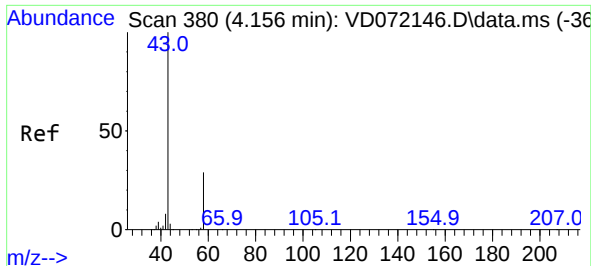
Ion Ratio Lower Upper

142 100

127 0.0 37.3 55.9#

141 0.0 11.7 17.5#

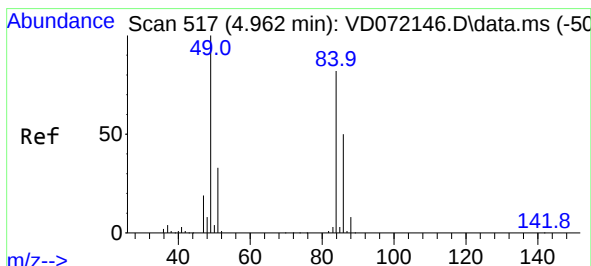
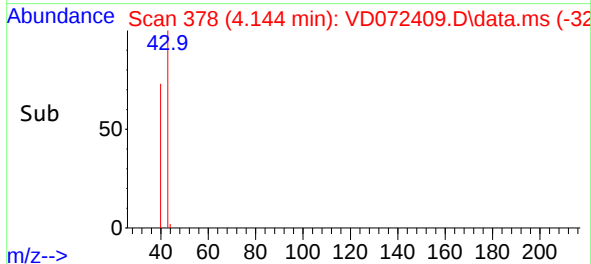
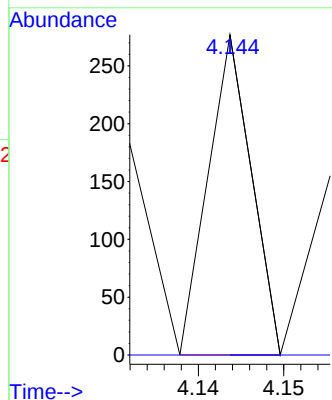
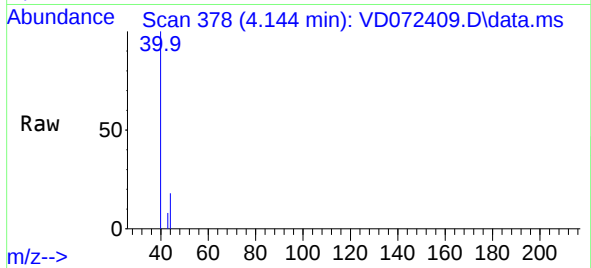




#16
Acetone
Concen: 3.641 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

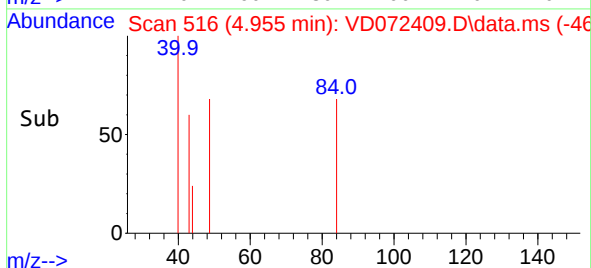
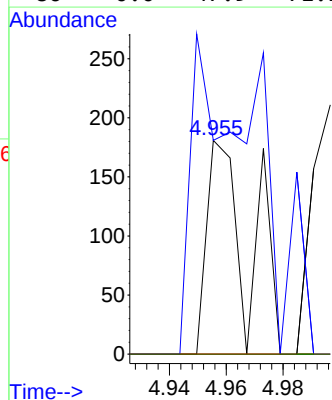
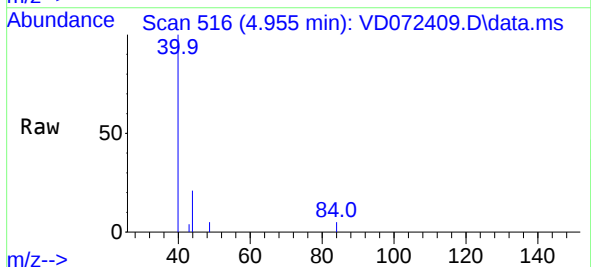
Instrument :
MSVOA_D
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EO-03-32222

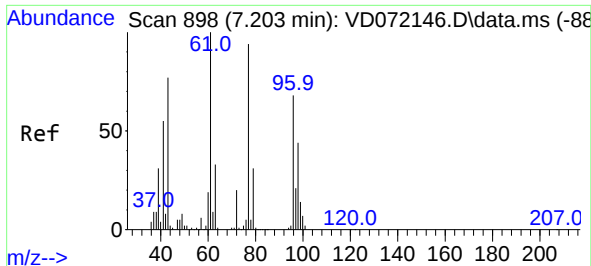
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 84 Resp: 184
Ion Ratio Lower Upper
84 100
49 100.0 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#

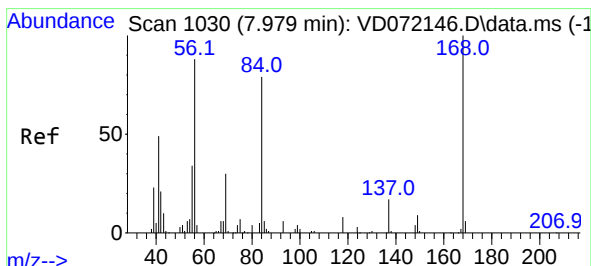
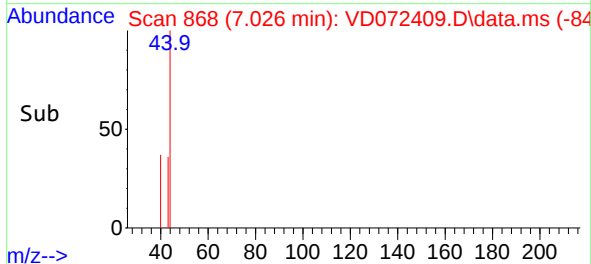
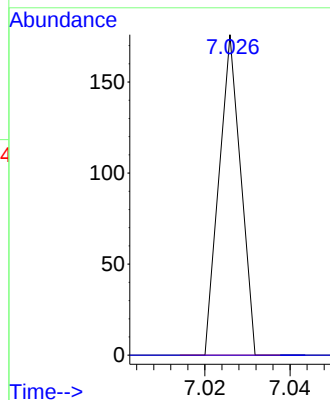
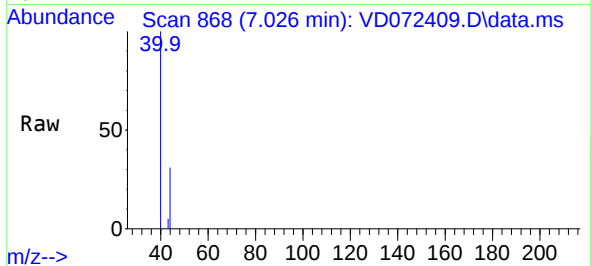




#25
2-Butanone
Concen: 1.727 ug/l
RT: 7.026 min Scan# 80
Delta R.T. -0.177 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

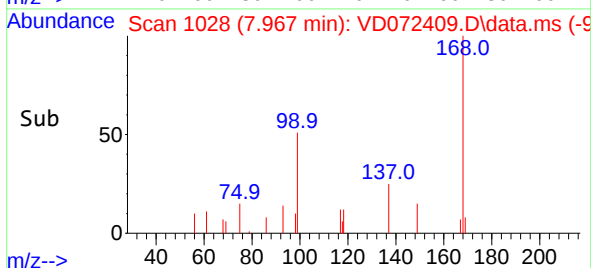
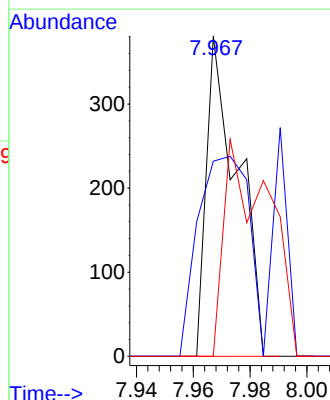
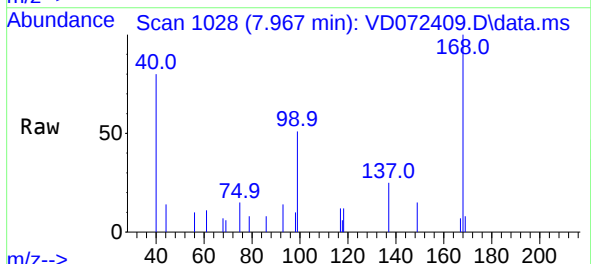
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

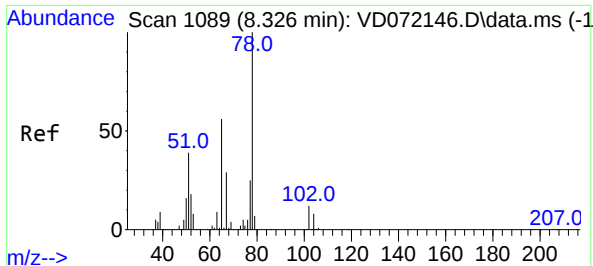
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 56 Resp: 292
Ion Ratio Lower Upper
56 100
69 60.9 25.4 38.2#
84 0.0 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 61.807 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072409.D

Acq: 24 Mar 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

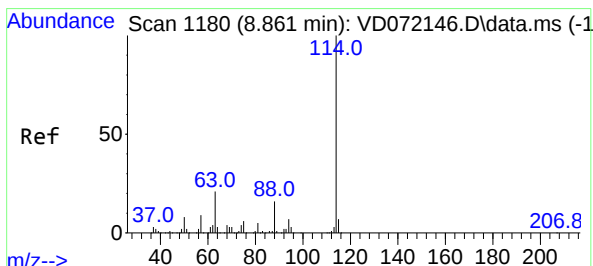
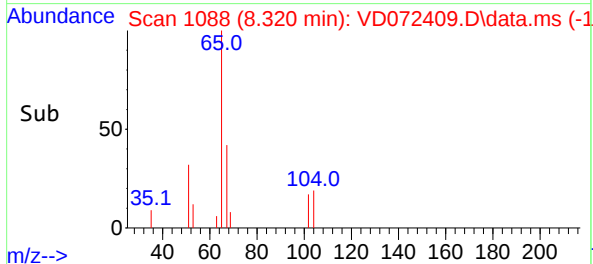
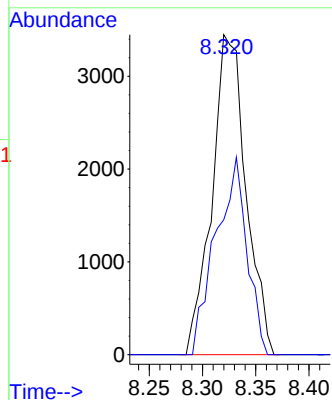
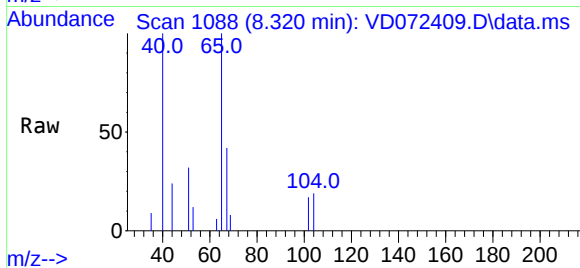
EO-03-32222

Tgt Ion: 65 Resp: 7663

Ion Ratio Lower Upper

65 100

67 56.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072409.D

Acq: 24 Mar 2022 15:53

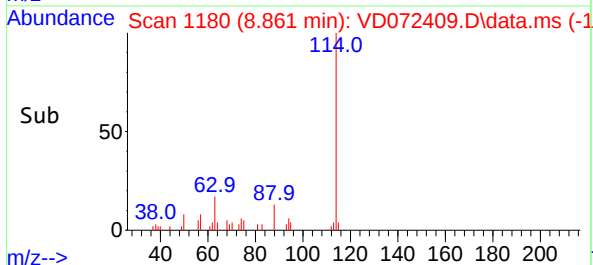
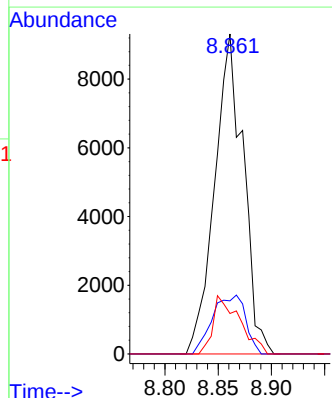
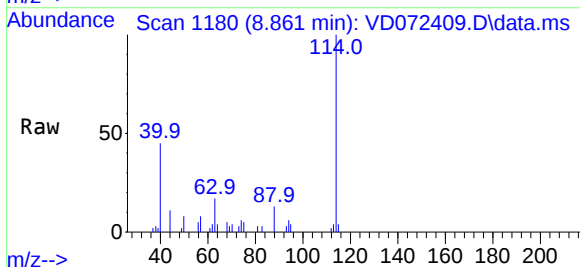
Tgt Ion: 114 Resp: 17413

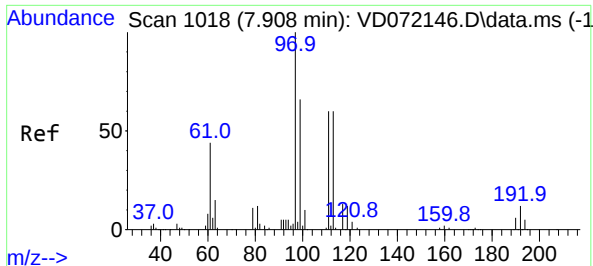
Ion Ratio Lower Upper

114 100

63 16.6 0.0 46.6

88 12.6 0.0 33.2

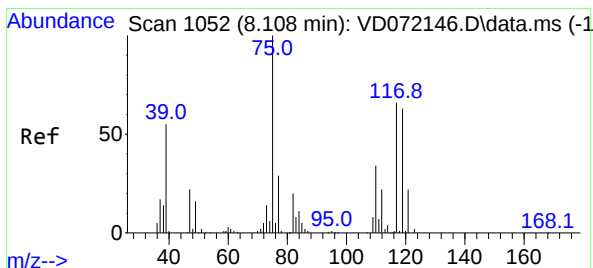
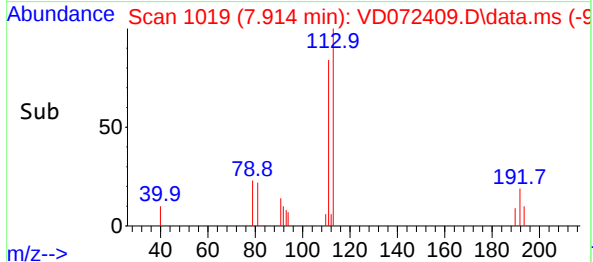
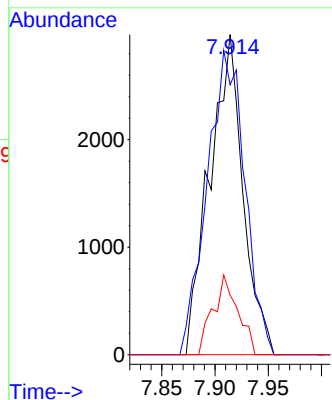
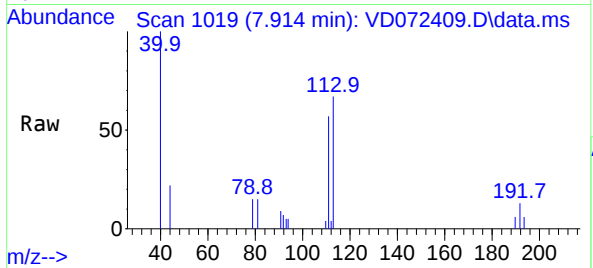




#35
Dibromofluoromethane
Concen: 52.923 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

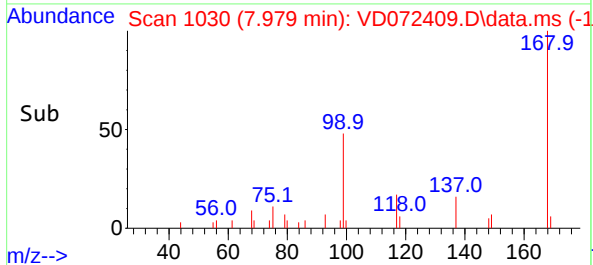
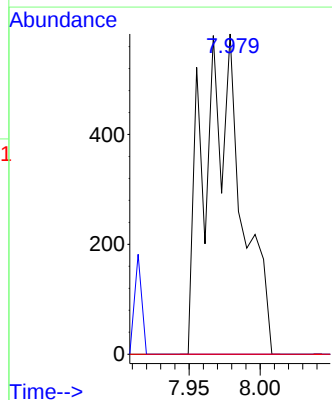
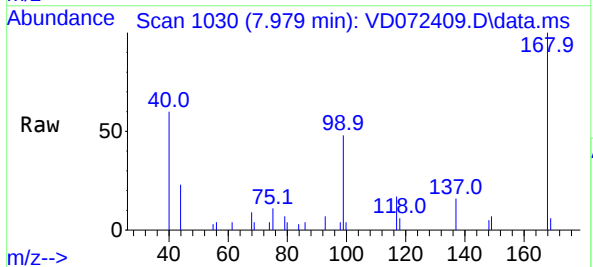
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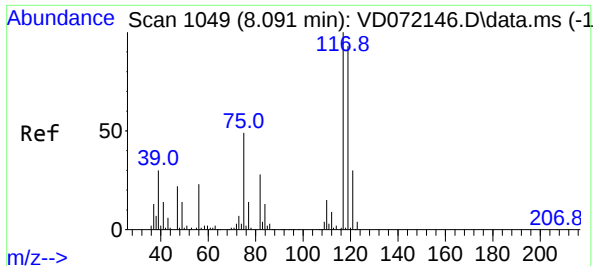
Tgt Ion:113 Resp: 6485
Ion Ratio Lower Upper
113 100
111 107.3 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 6.207 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

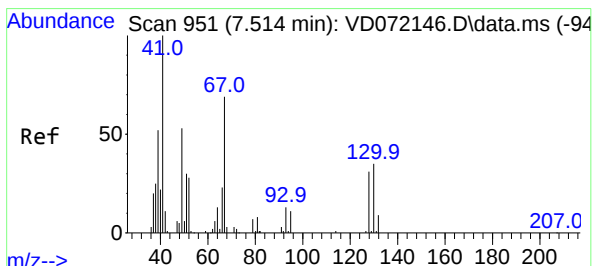
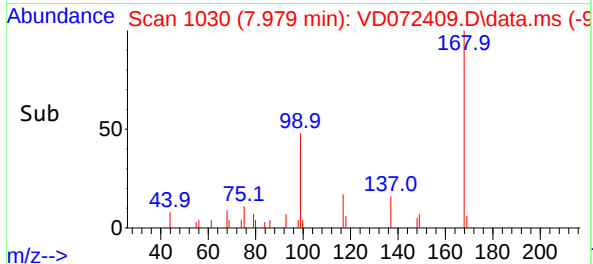
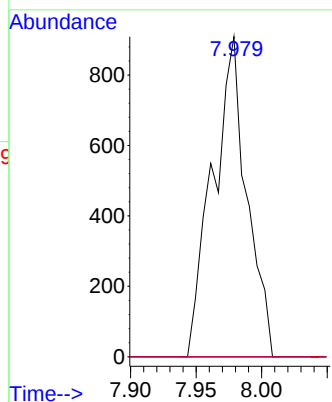
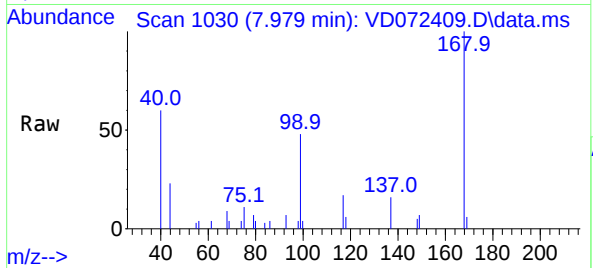




#38
Carbon Tetrachloride
Concen: 8.398 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.112 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

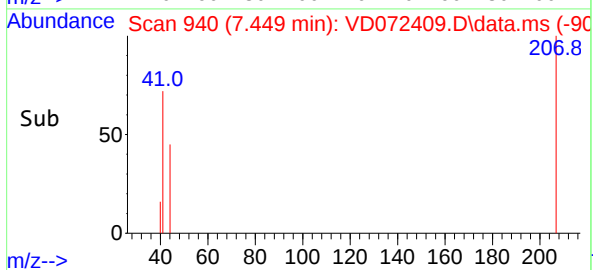
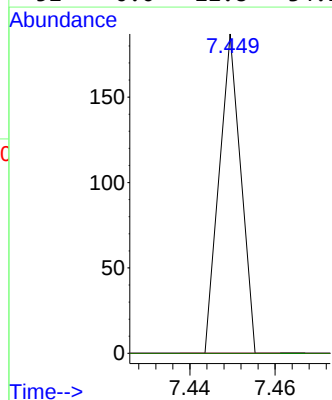
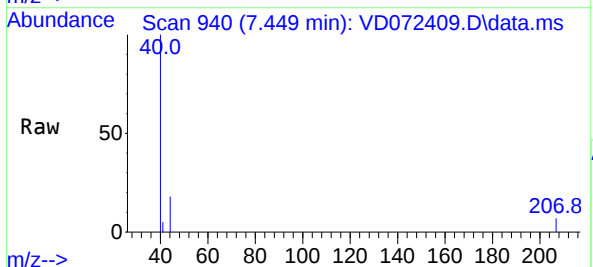
Instrument :
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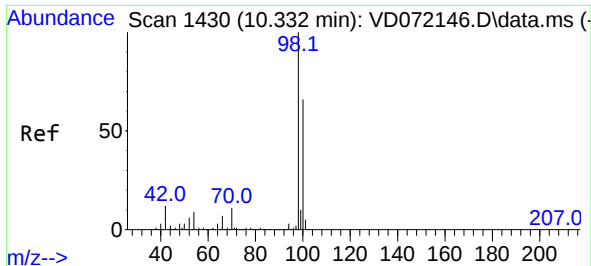
Tgt Ion:117 Resp: 1641
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 1.504 ug/l
RT: 7.449 min Scan# 940
Delta R.T. -0.065 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 41 Resp: 66
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#

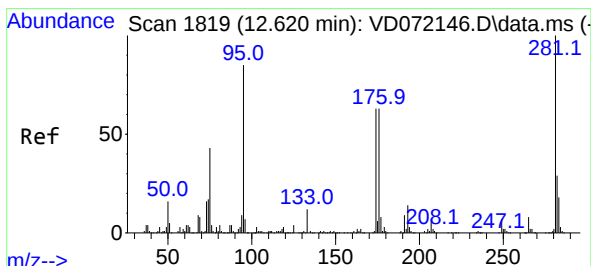
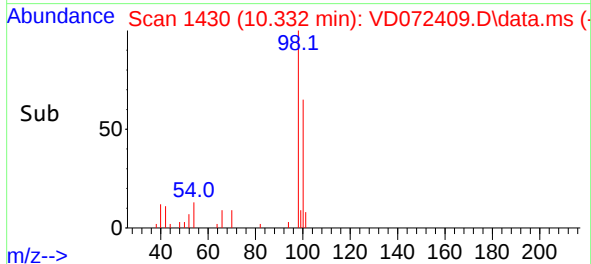
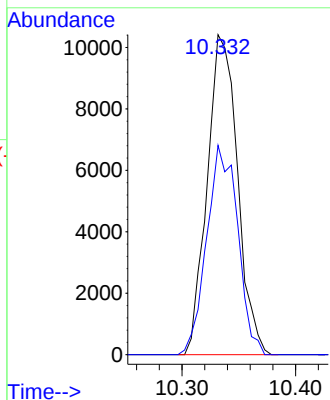
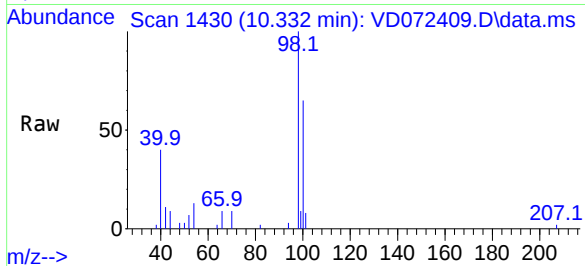




#50
Toluene-d8
Concen: 43.193 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

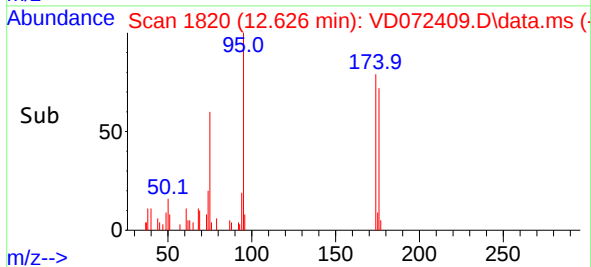
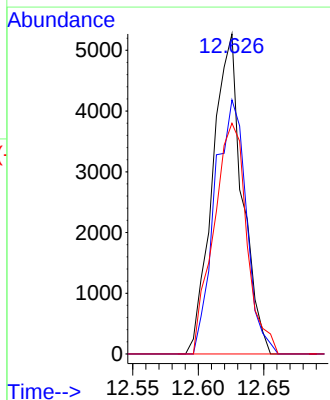
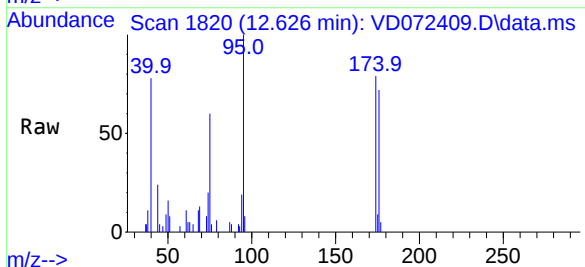
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

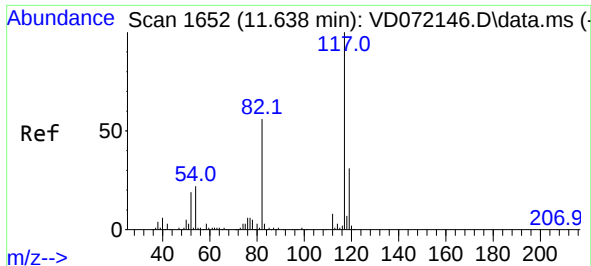
Tgt Ion: 98 Resp: 19353
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.830 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 95 Resp: 8327
Ion Ratio Lower Upper
95 100
174 84.3 0.0 152.8
176 80.1 0.0 145.4

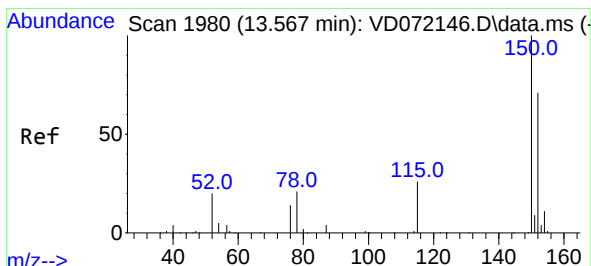
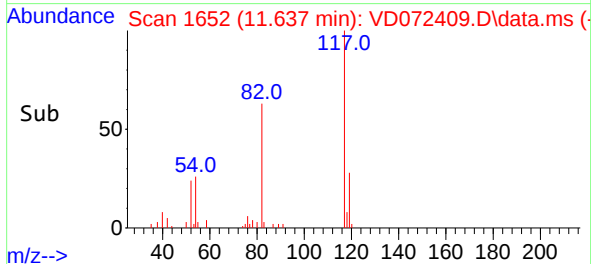
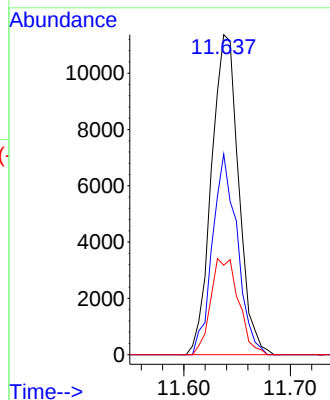
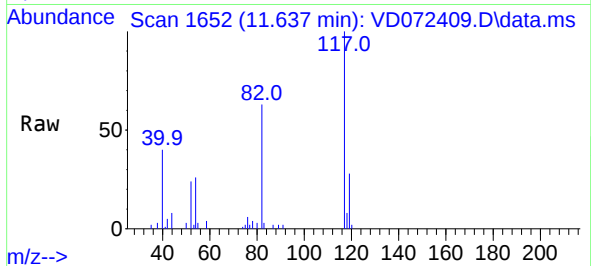




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

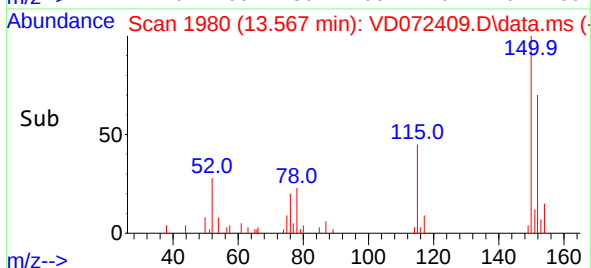
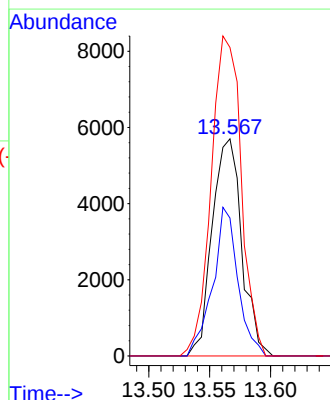
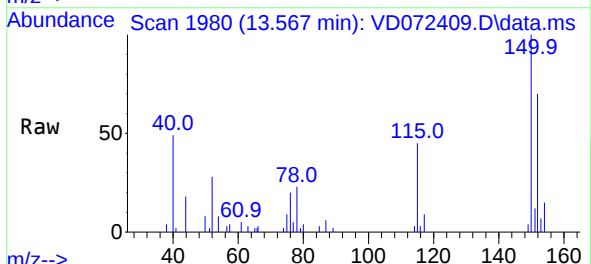
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

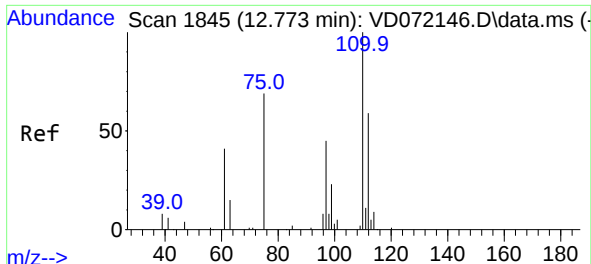
Tgt Ion:117	Resp:	20112
Ion Ratio	Lower	Upper
117	100	
82	62.7	45.3 67.9
119	28.0	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion:152	Resp:	9631
Ion Ratio	Lower	Upper
152	100	
115	58.6	31.3 93.8
150	149.8	0.0 348.6

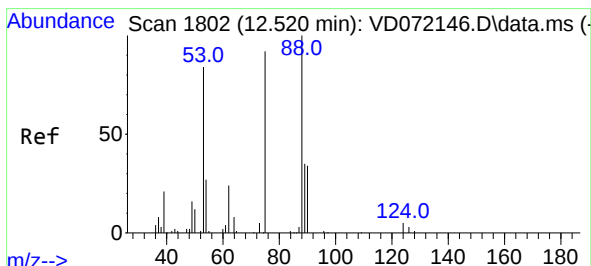
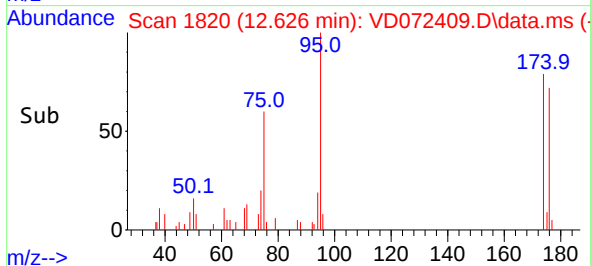
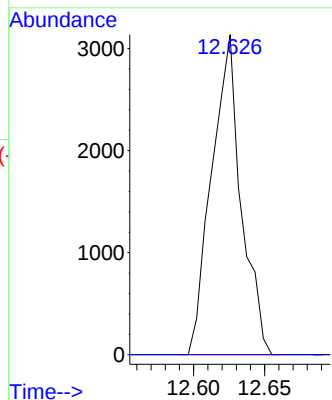
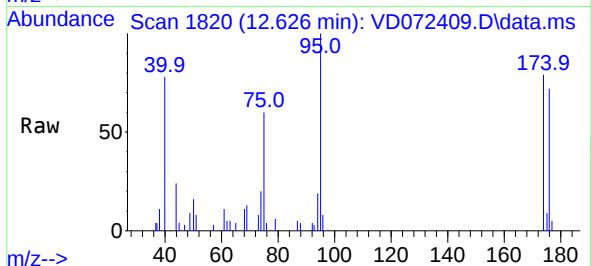




#76
1,2,3-Trichloropropane
Concen: 42.602 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

Tgt Ion: 75 Resp: 4526
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.701 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 75 Resp: 4526
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

