

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070550.D
 Acq On : 04 Oct 2021 14:47
 Operator : VA/SY
 Sample : M4042-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-100121

Quant Time: Oct 05 05:00:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

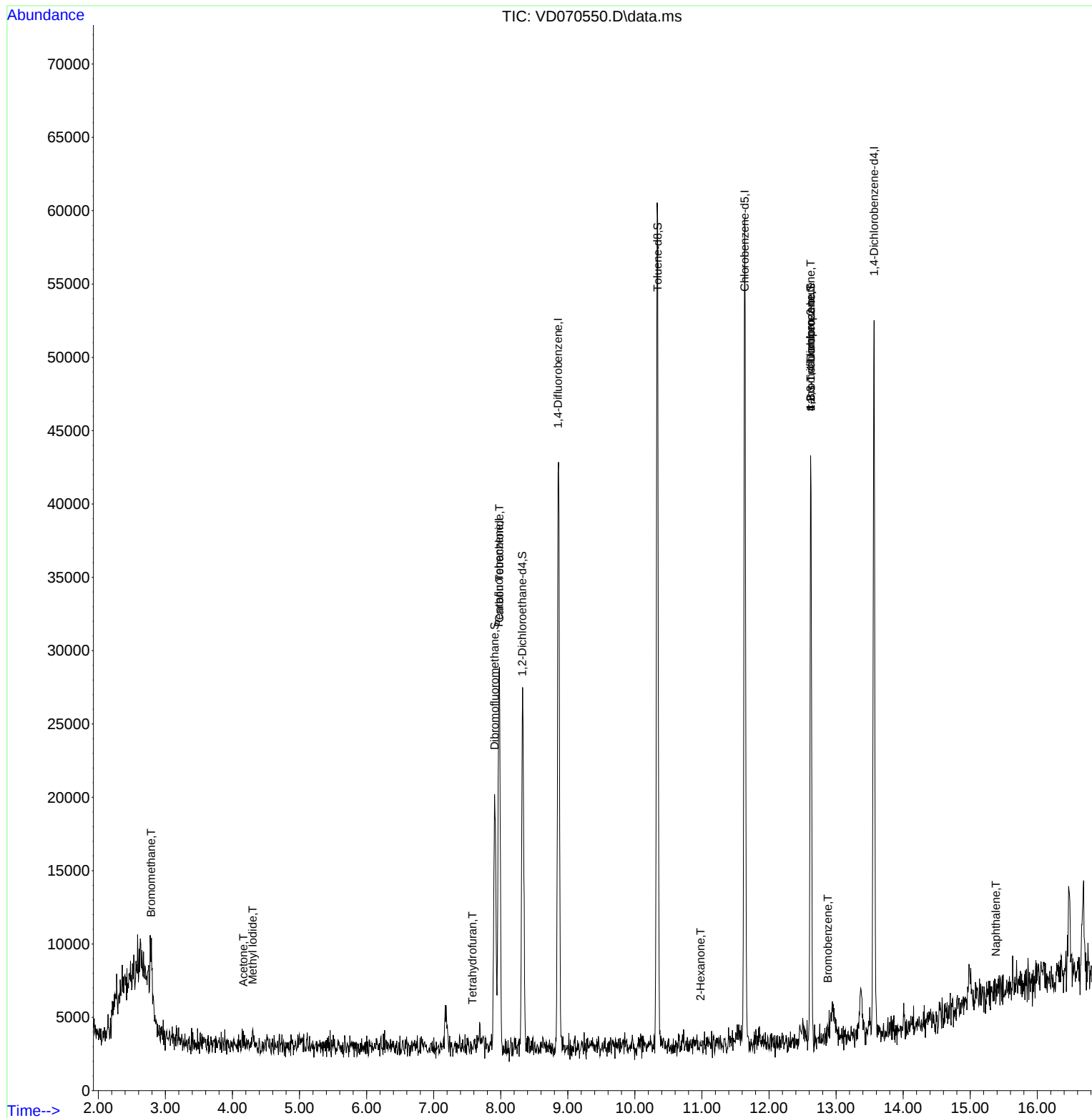
Internal Standards						
1) Pentafluorobenzene	7.973	168	18786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	34684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	20815	86.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.580%#	
35) Dibromofluoromethane	7.909	113	12962	52.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.000%	
50) Toluene-d8	10.338	98	43049	48.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.620	95	14008	44.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	973	Below Cal	#	77
5) Bromomethane	2.785	94	1705	4.793	ug/l	89
6) Chloroethane	2.844	64	65	Below Cal	#	43
10) Methyl Iodide	4.303	142	1192	6.051	ug/l	# 81
16) Acetone	4.162	43	671	15.581	ug/l	# 36
20) Methylene Chloride	4.956	84	84	Below Cal	#	9
29) Tetrahydrofuran	7.579	42	83	2.255	ug/l	# 29
38) Carbon Tetrachloride	7.979	117	2348	6.404	ug/l	# 12
59) 2-Hexanone	10.979	43	131	1.480	ug/l	# 20
76) 1,2,3-Trichloropropane	12.620	75	6391	46.934	ug/l	# 1
77) Bromobenzene	12.879	156	402	1.846	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	6391	117.597	ug/l	# 17
95) Naphthalene	15.385	128	1220	3.107	ug/l	# 69

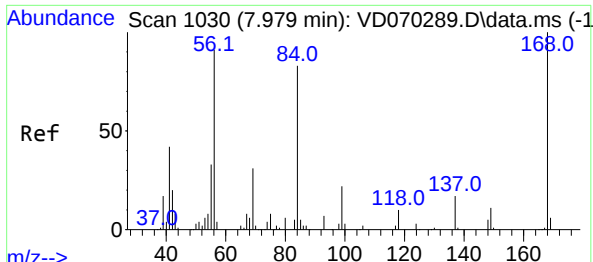
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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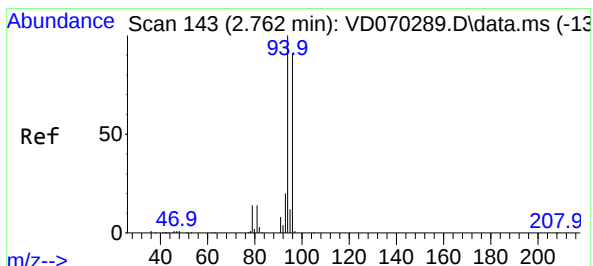
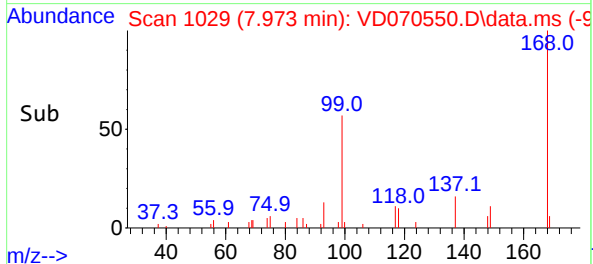
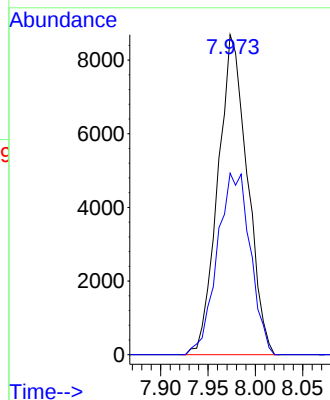
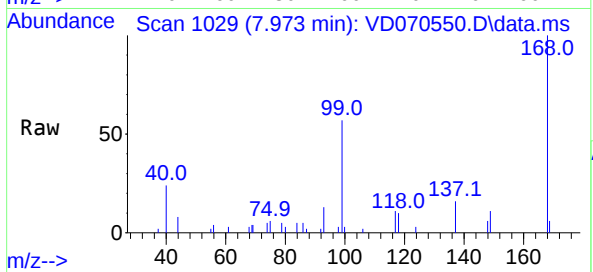




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

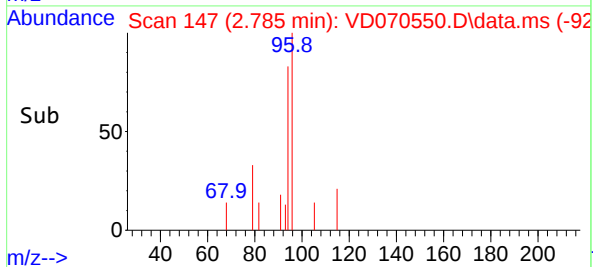
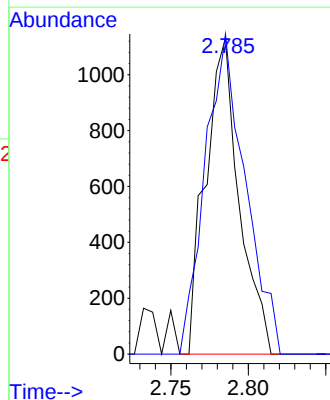
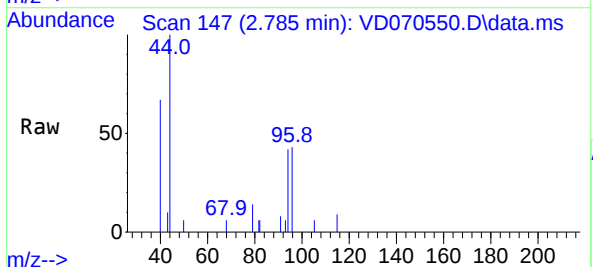
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

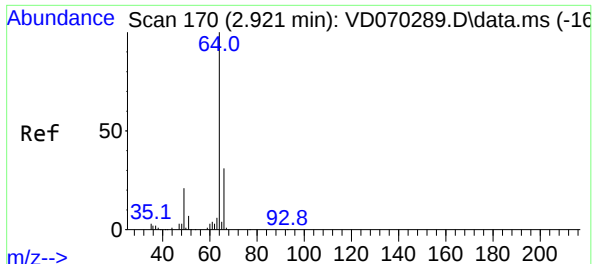
Tgt Ion:168 Resp: 18786
Ion Ratio Lower Upper
168 100
99 56.7 50.8 76.2



#5
Bromomethane
Concen: 4.793 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 94 Resp: 1705
Ion Ratio Lower Upper
94 100
96 101.3 73.0 109.6

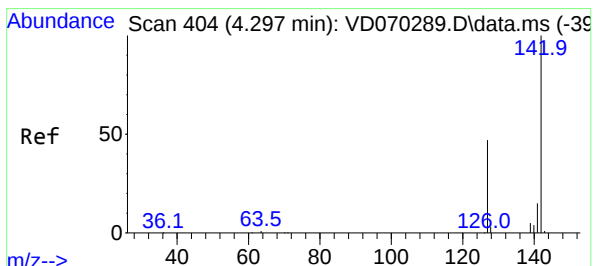
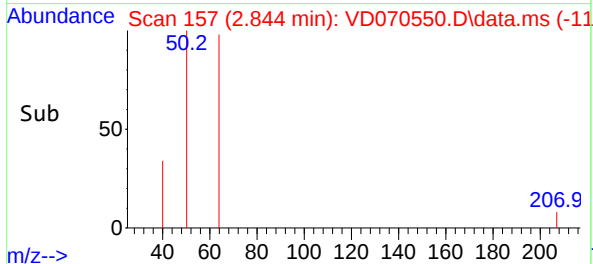
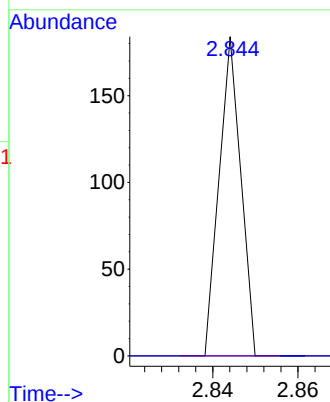
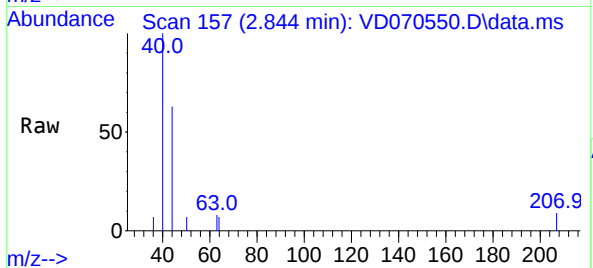




#6
Chloroethane
Concen: Below Cal
RT: 2.844 min Scan# 157
Delta R.T. -0.077 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

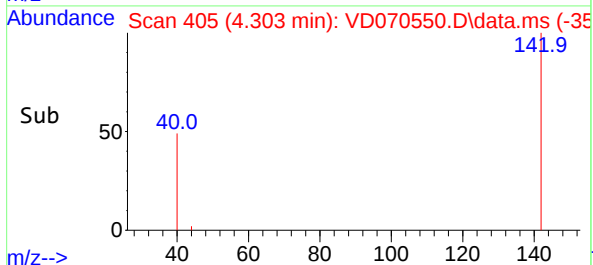
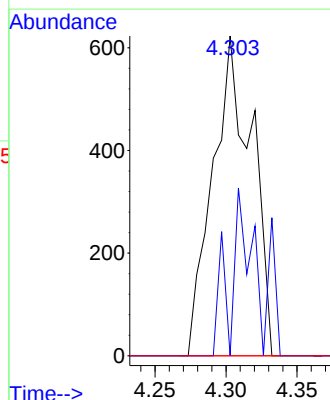
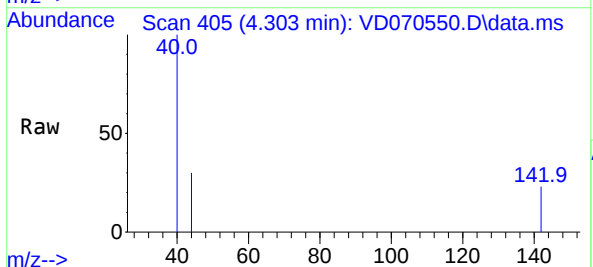
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

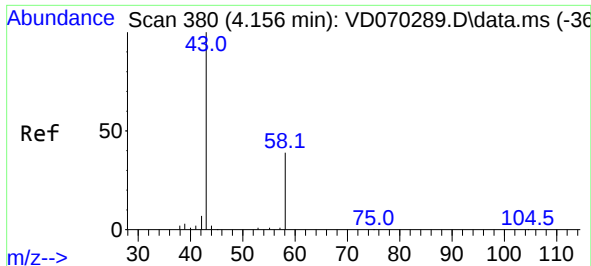
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 6.051 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 142 Resp: 1192
Ion Ratio Lower Upper
142 100
127 37.0 36.9 55.3
141 0.0 11.8 17.6#

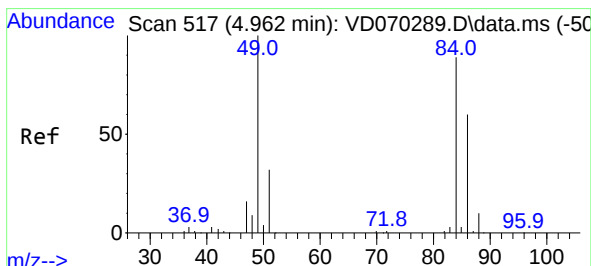
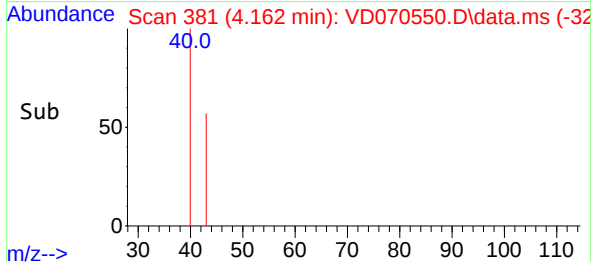
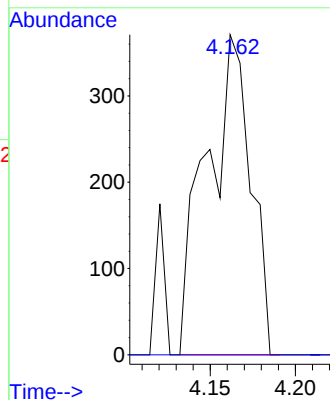
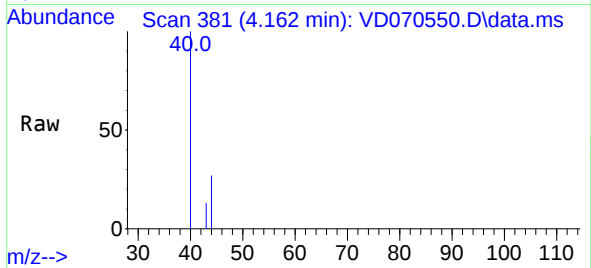




#16
Acetone
Concen: 15.581 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

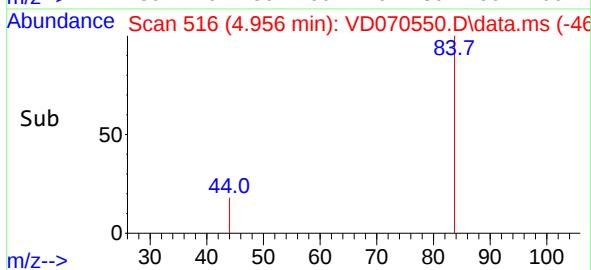
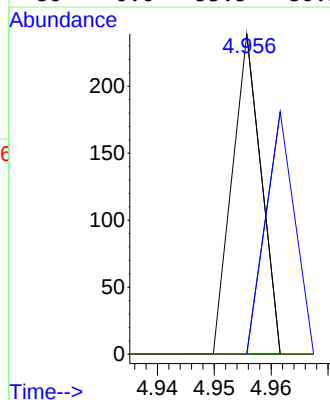
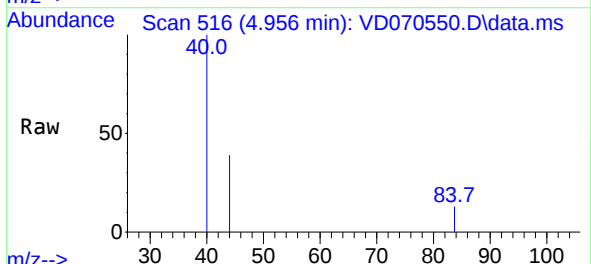
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

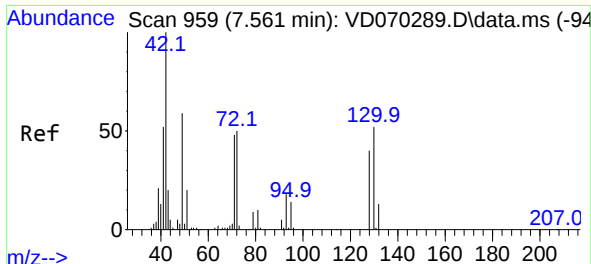
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 84 Resp: 84
Ion Ratio Lower Upper
84 100
49 0.0 89.6 134.4#
51 0.0 28.6 43.0#
86 0.0 53.5 80.3#





#29

Tetrahydrofuran

Concen: 2.255 ug/l

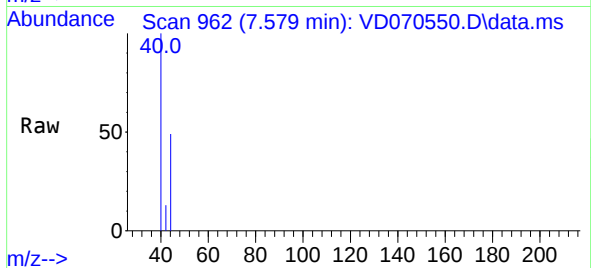
RT: 7.579 min Scan# 962

Delta R.T. 0.018 min

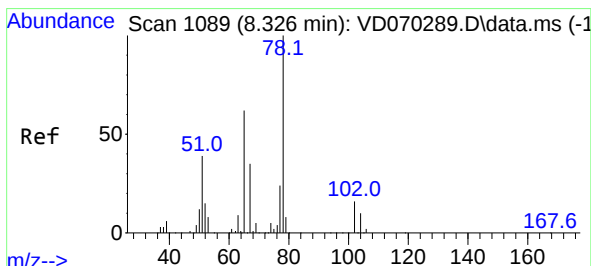
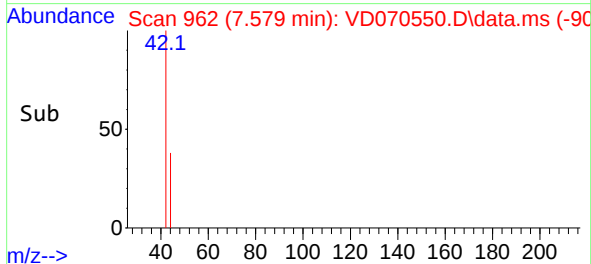
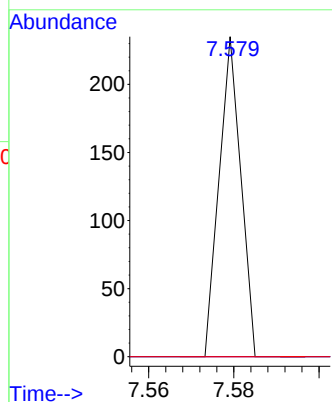
Lab File: VD070550.D

Acq: 04 Oct 2021 14:47

Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121



Tgt Ion:	42	Resp:	83
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.8	58.2#
71	0.0	37.8	56.6#



#33

1,2-Dichloroethane-d4

Concen: 86.292 ug/l

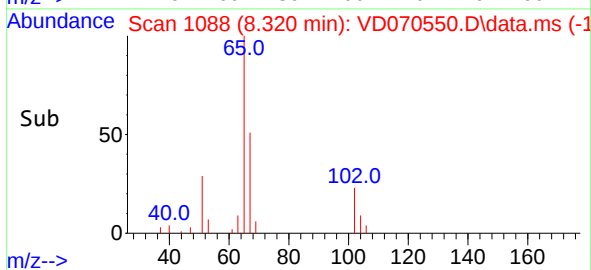
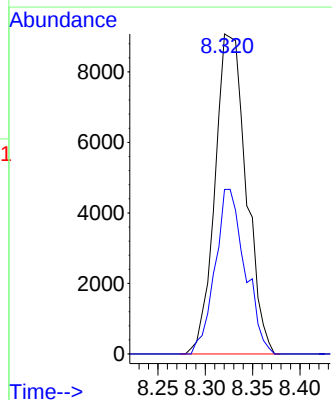
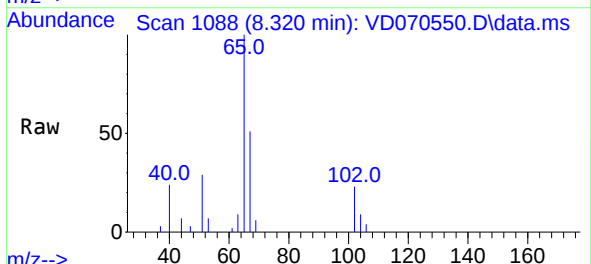
RT: 8.320 min Scan# 1088

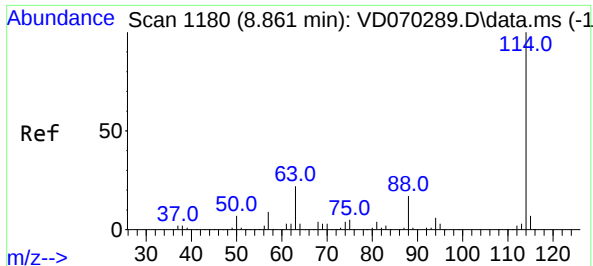
Delta R.T. -0.006 min

Lab File: VD070550.D

Acq: 04 Oct 2021 14:47

Tgt Ion:	65	Resp:	20815
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	111.4

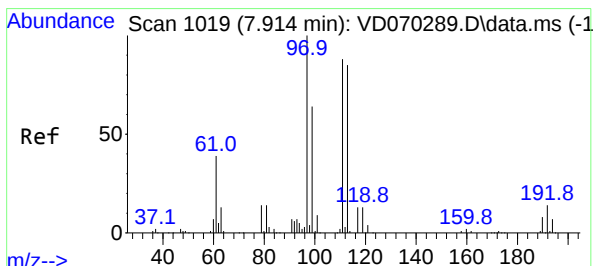
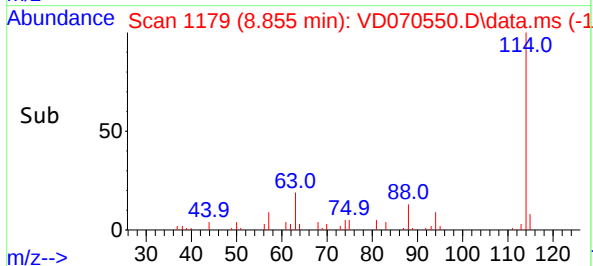
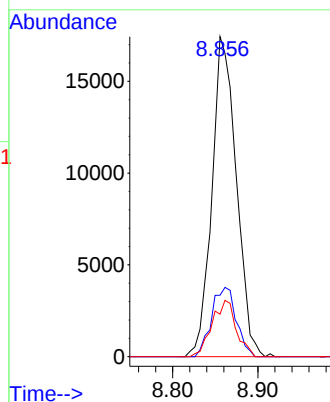
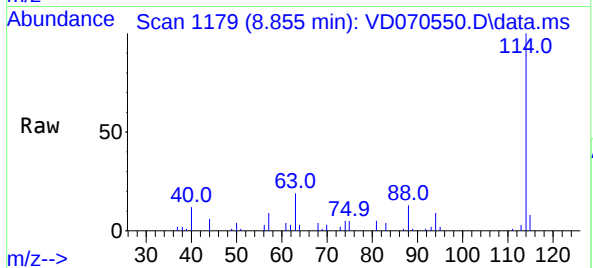




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

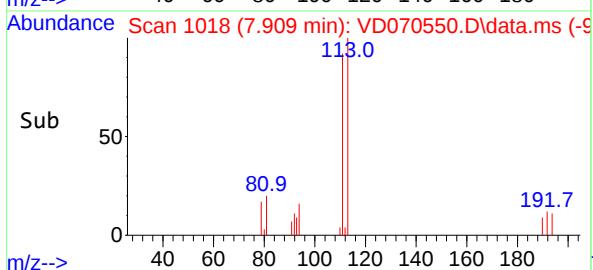
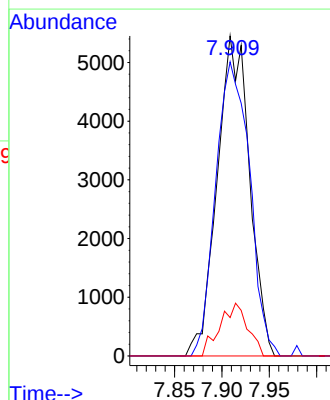
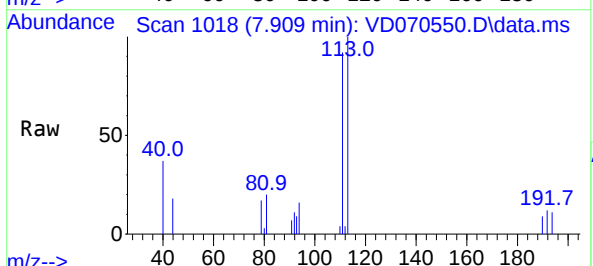
Instrument :
MSVOA_D
ClientSampleId :
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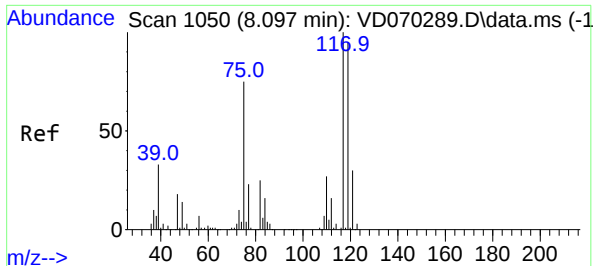
Tgt Ion:	114	Resp:	34684
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.4
88	13.3	0.0	33.4



#35
Dibromofluoromethane
Concen: 52.502 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion:	113	Resp:	12962
Ion Ratio	Lower	Upper	
113	100		
111	96.2	81.4	122.2
192	14.1	13.0	19.6

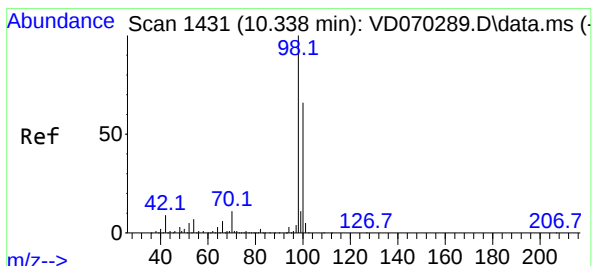
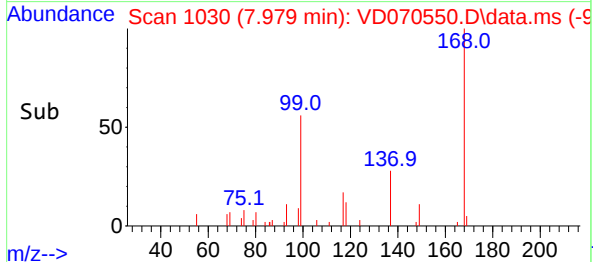
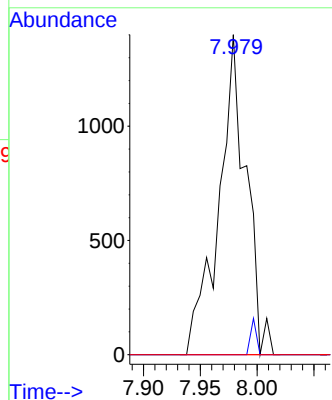
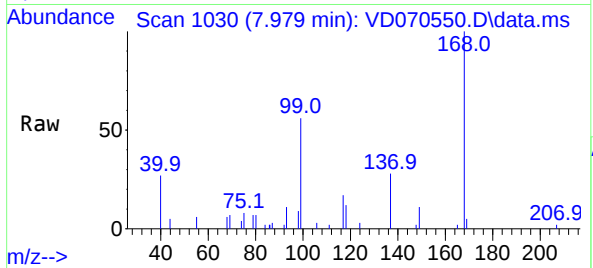




#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

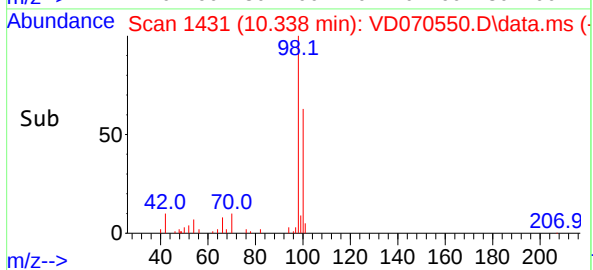
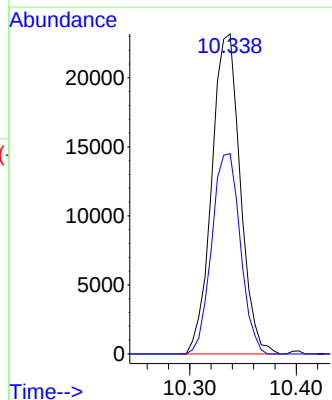
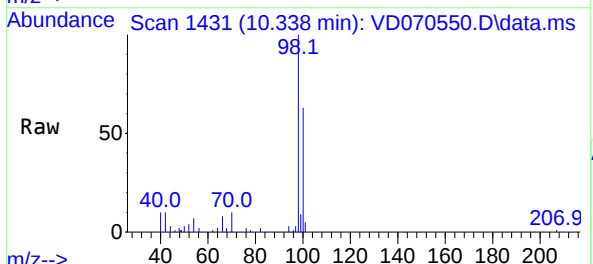
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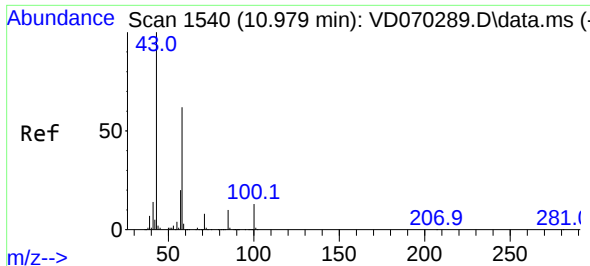
Tgt Ion:117 Resp: 2348
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.025 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 98 Resp: 43049
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

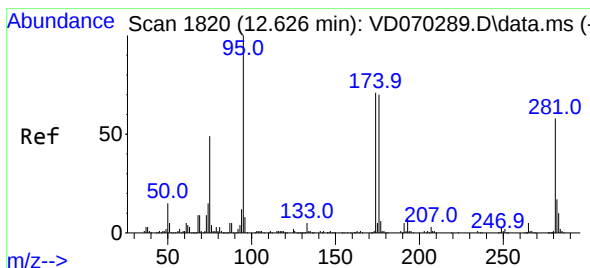
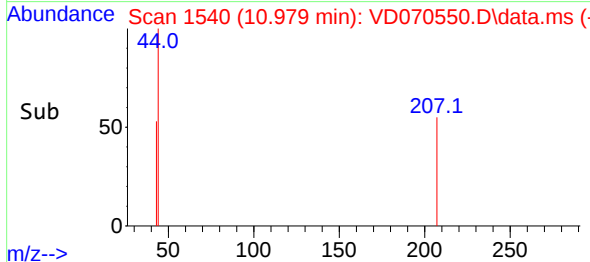
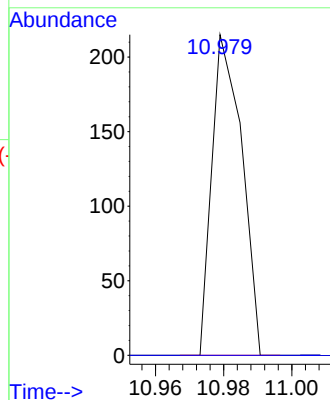
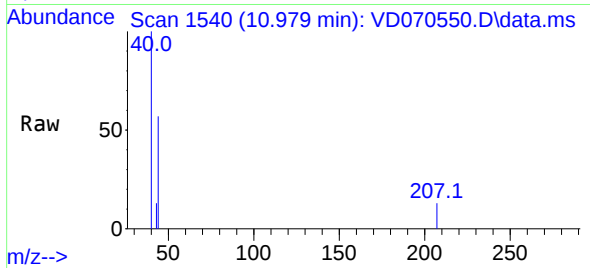




#59
2-Hexanone
Concen: 1.480 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

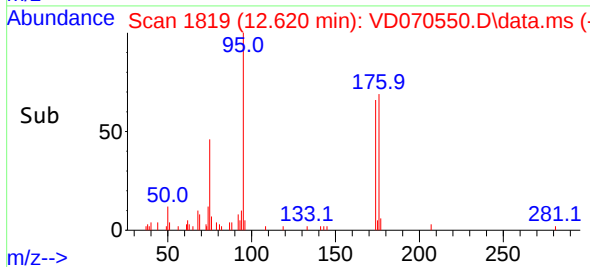
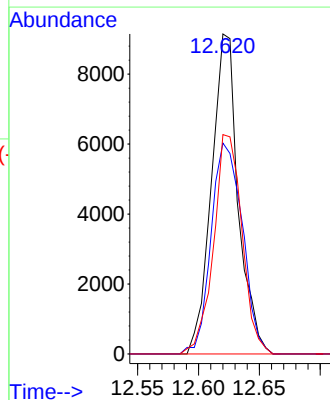
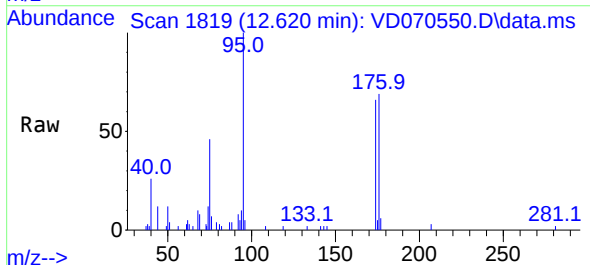
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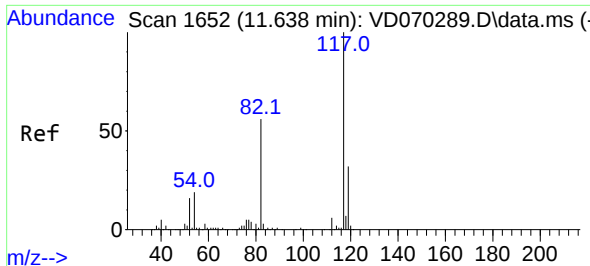
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 44.715 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 95 Resp: 14008
Ion Ratio Lower Upper
95 100
174 76.9 0.0 140.6
176 72.6 0.0 137.4

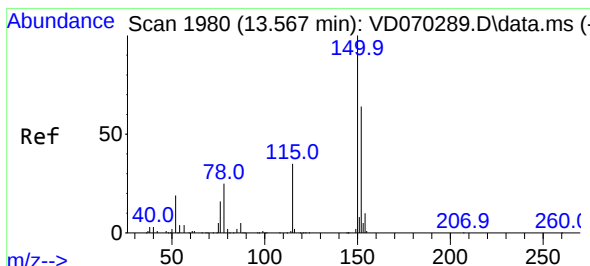
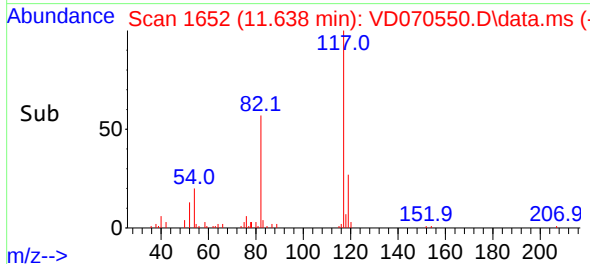
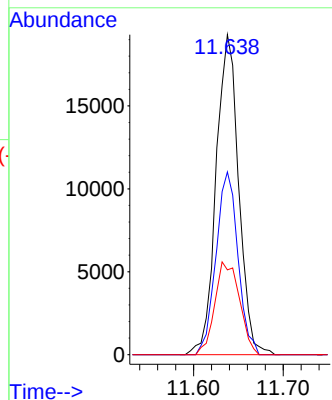
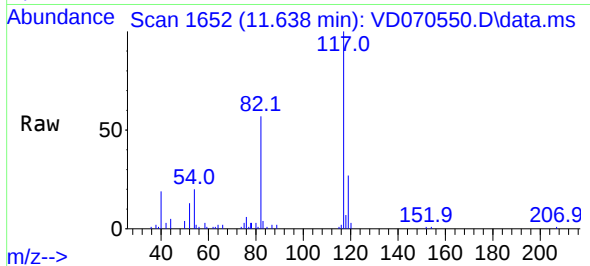




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

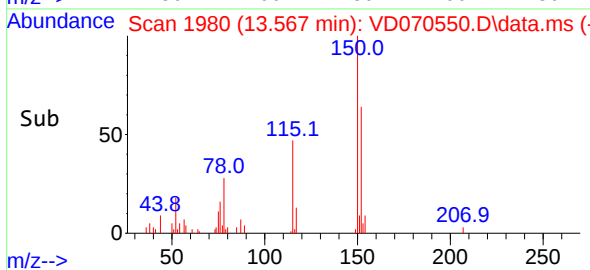
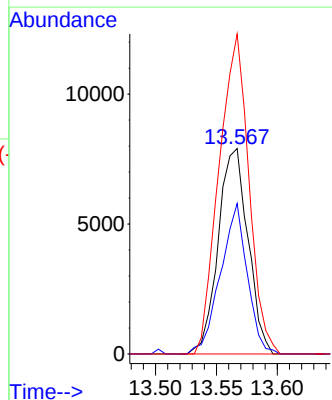
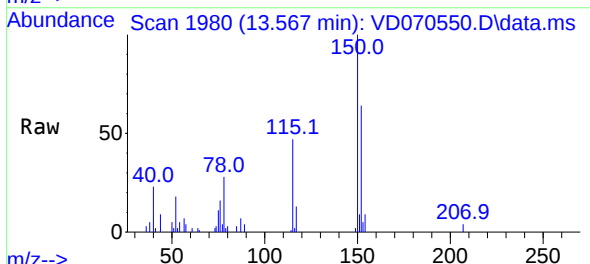
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

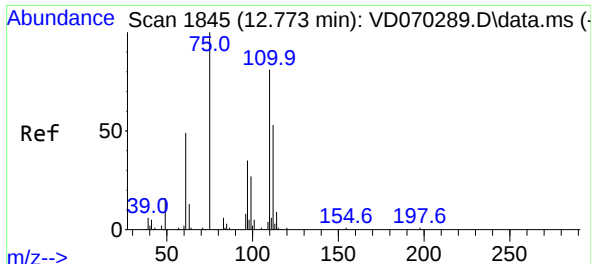
Tgt Ion:	117	Resp:	33722
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.0	67.4
119	26.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion:	152	Resp:	13462
Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.1	96.3
150	156.0	0.0	350.6

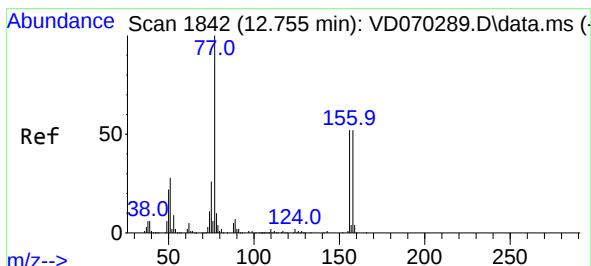
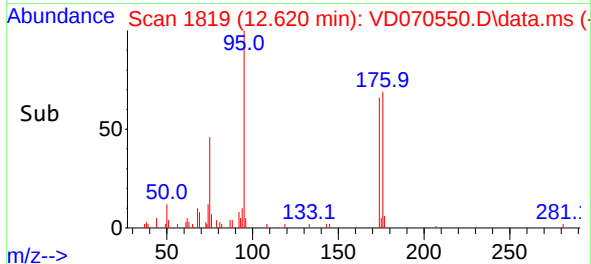
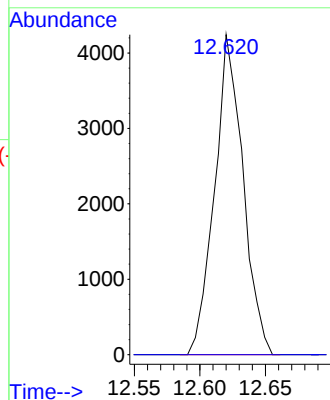
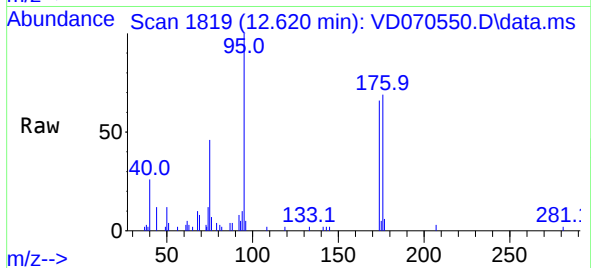




#76
1,2,3-Trichloropropane
Concen: 46.934 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

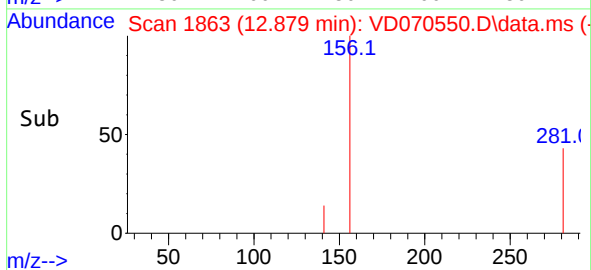
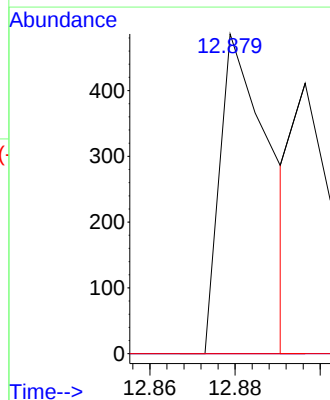
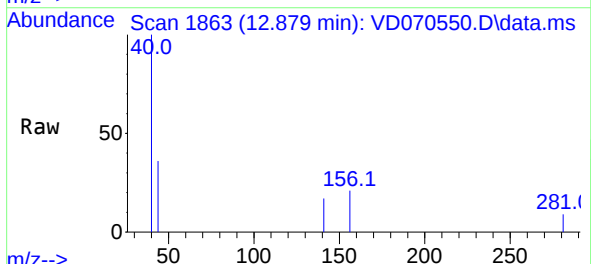
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

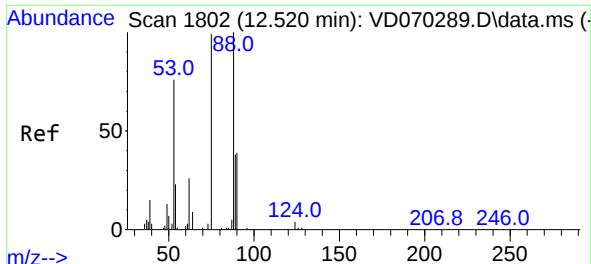
Tgt Ion: 75 Resp: 6391
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#77
Bromobenzene
Concen: 1.846 ug/l
RT: 12.879 min Scan# 1863
Delta R.T. 0.123 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion:156 Resp: 402
Ion Ratio Lower Upper
156 100
77 0.0 104.3 312.8#
158 0.0 49.4 148.0#

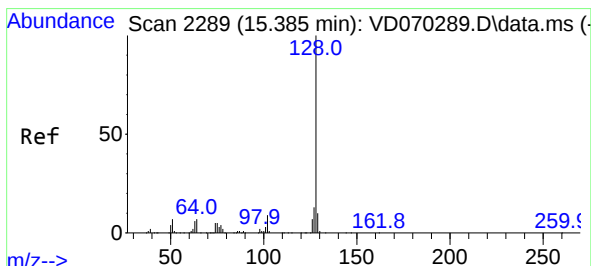
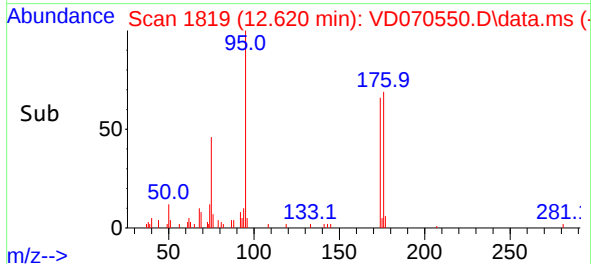
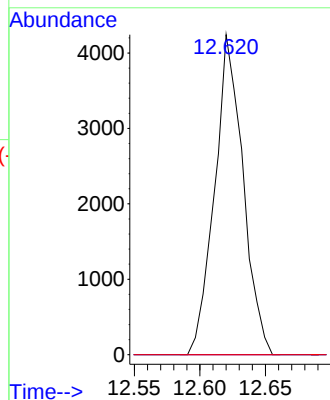
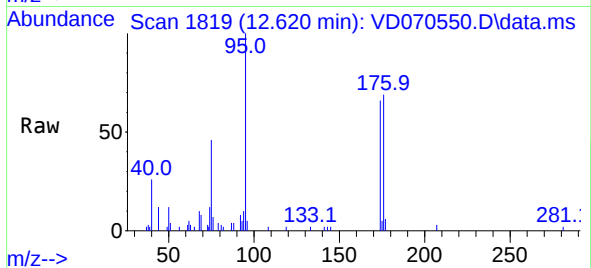




#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.597 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD070550.D
 Acq: 04 Oct 2021 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-100121

Tgt Ion: 75 Resp: 6391
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.2 96.2#
 89 0.0 35.6 53.4#



#95
 Naphthalene
 Concen: 3.107 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: VD070550.D
 Acq: 04 Oct 2021 14:47

Tgt Ion: 128 Resp: 1220
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 9.0 13.4#

