

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070557.D
 Acq On : 04 Oct 2021 18:06
 Operator : VA/SY
 Sample : M4042-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-100121

Quant Time: Oct 05 05:01:31 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)

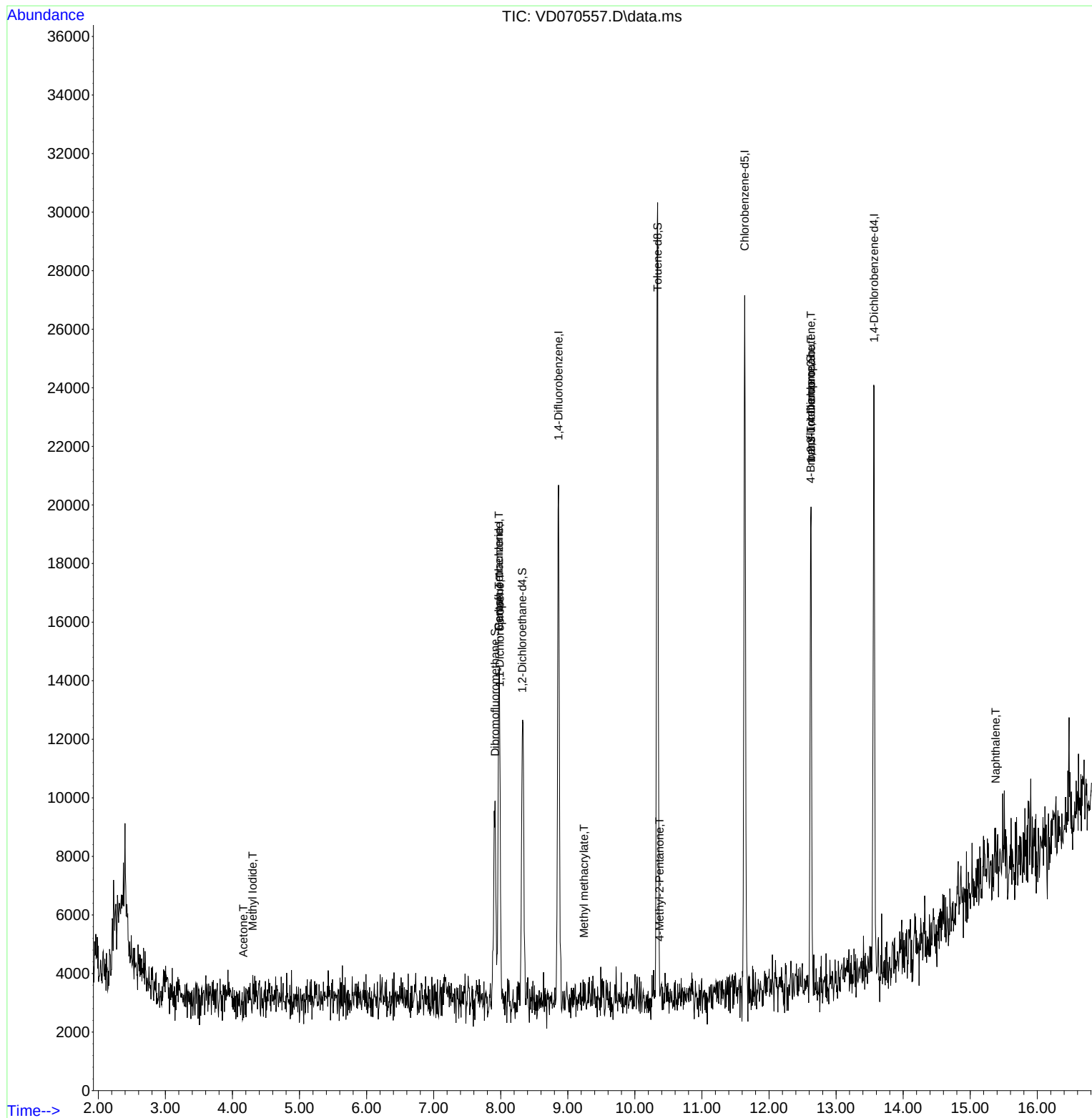
Internal Standards						
1) Pentafluorobenzene	7.973	168	9613	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	16200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9017	73.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	146.10%		
35) Dibromofluoromethane	7.914	113	5634	48.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.72%		
50) Toluene-d8	10.338	98	19280	46.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.10%		
62) 4-Bromofluorobenzene	12.620	95	5991	40.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.88%		
Target Compounds						
3) Chloromethane	2.215	50	171	Below Cal	#	42
10) Methyl Iodide	4.303	142	153	2.29	ug/l #	39
16) Acetone	4.162	43	54	2.45	ug/l #	36
20) Methylene Chloride	4.938	84	148	Below Cal	#	9
36) 1,1-Dichloropropene	7.985	75	785	4.53	ug/l #	41
38) Carbon Tetrachloride	7.973	117	822	4.80	ug/l #	12
48) Methyl methacrylate	9.244	41	59	1.07	ug/l #	10
51) 4-Methyl-2-Pentanone	10.367	43	81	1.31	ug/l #	32
76) 1,2,3-Trichloropropane	12.626	75	3018	50.06	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	3018	125.43	ug/l #	17
95) Naphthalene	15.379	128	1678	9.65	ug/l #	69

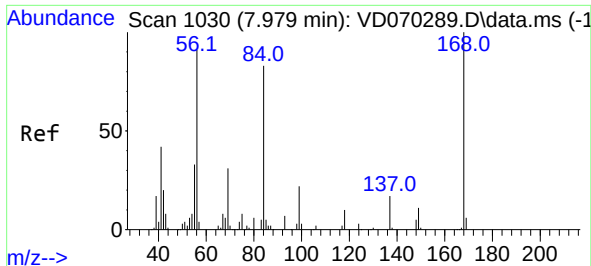
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
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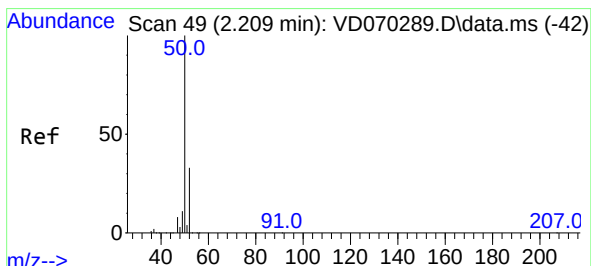
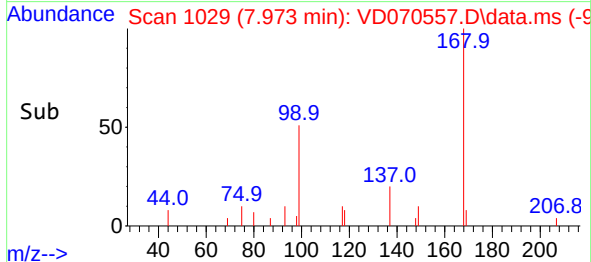
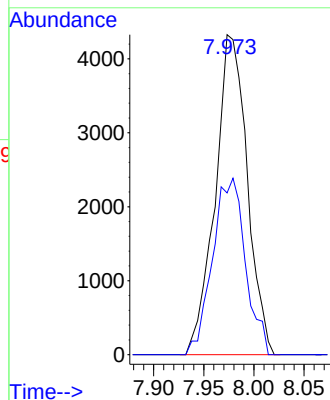
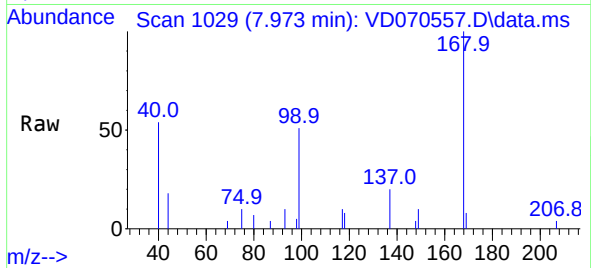




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

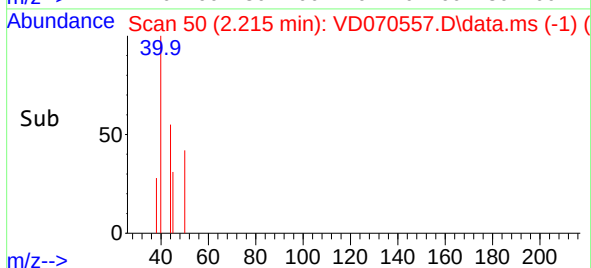
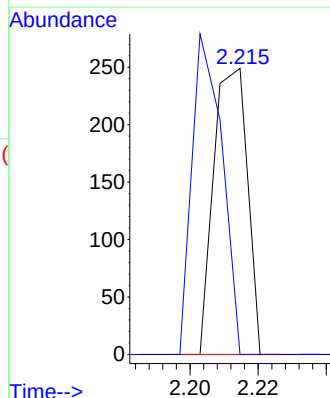
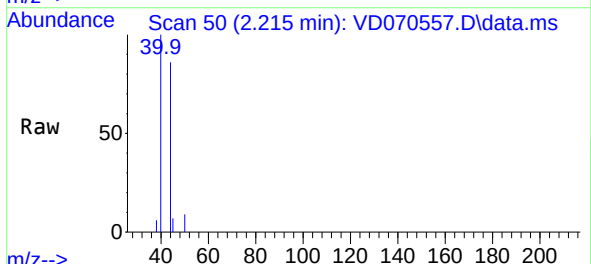
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

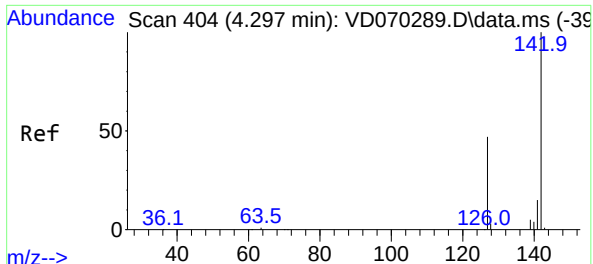
Tgt Ion:168 Resp: 9613
Ion Ratio Lower Upper
168 100
99 50.5 50.8 76.2#



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion: 50 Resp: 171
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

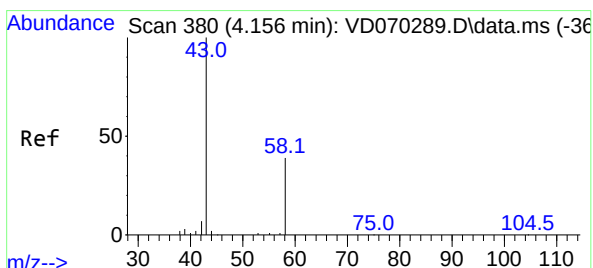
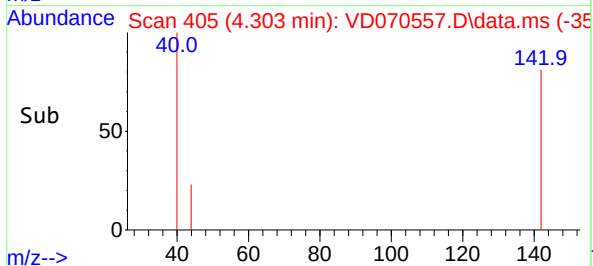
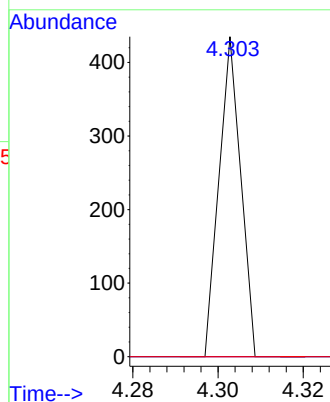
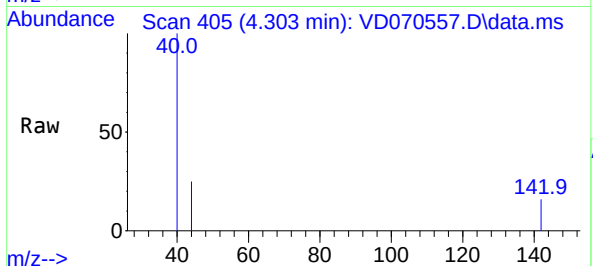




#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

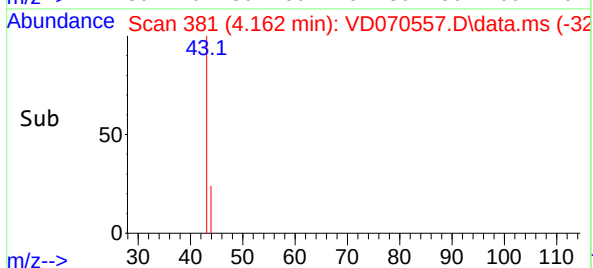
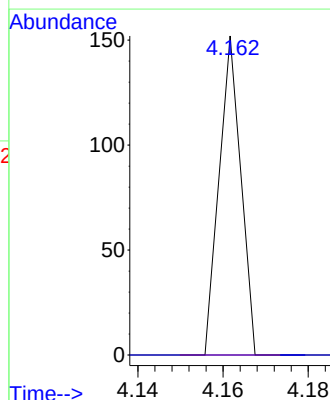
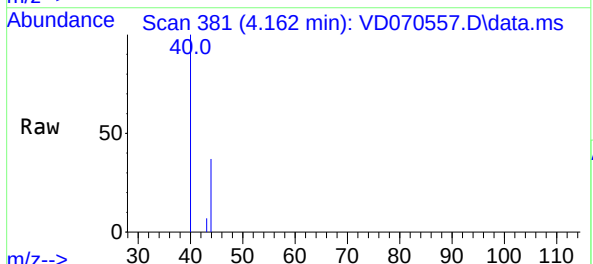
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

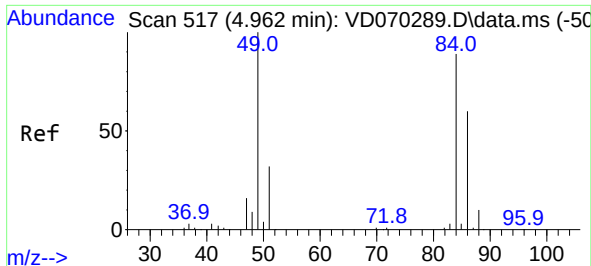
Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 2.45 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

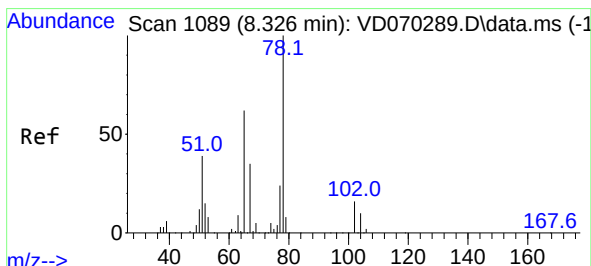
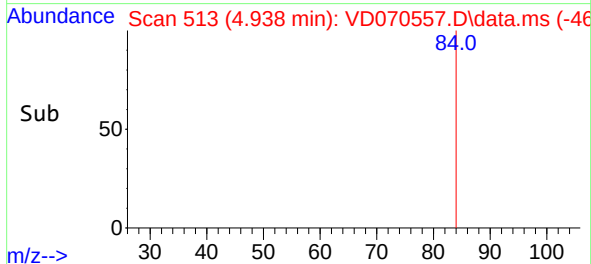
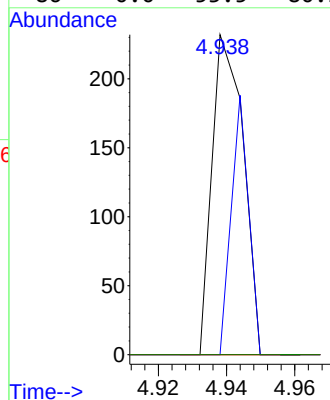
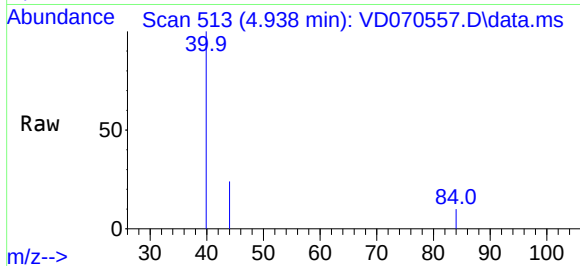




#20
Methylene Chloride
Concen: Below Cal
RT: 4.938 min Scan# 513
Delta R.T. -0.024 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

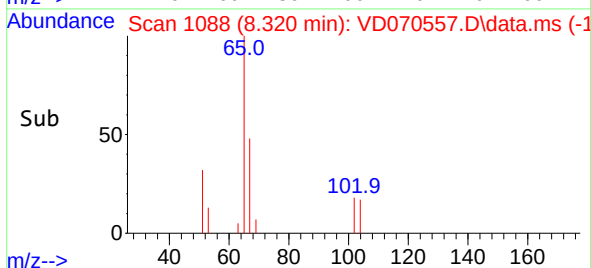
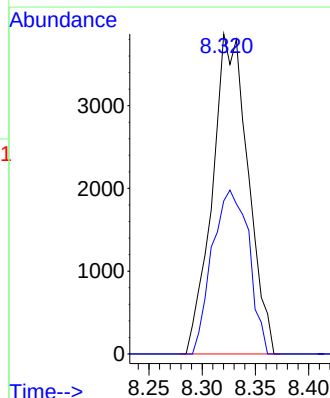
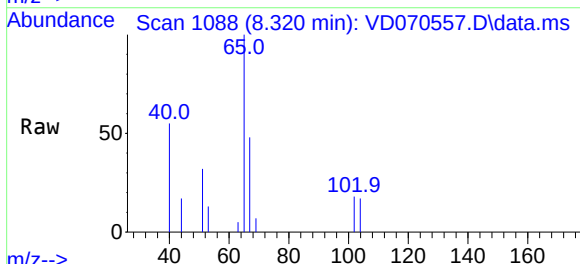
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

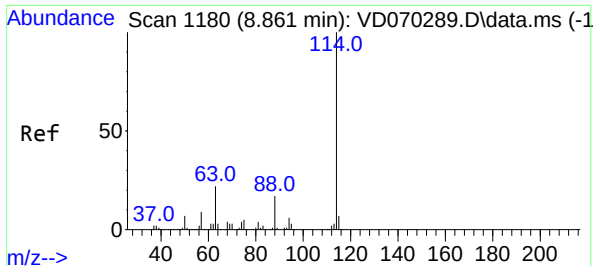
Tgt Ion:	84	Resp:	148
Ion	Ratio	Lower	Upper
84	100		
49	0.0	89.6	134.4#
51	0.0	28.6	43.0#
86	0.0	53.5	80.3#



#33
1,2-Dichloroethane-d4
Concen: 73.05 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion:	65	Resp:	9017
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	111.4



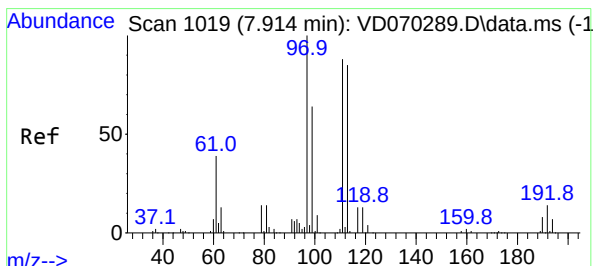
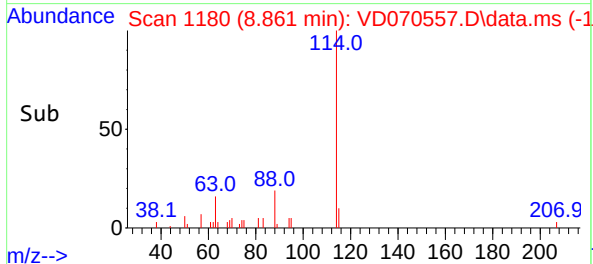
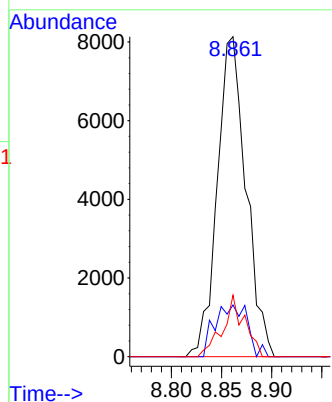
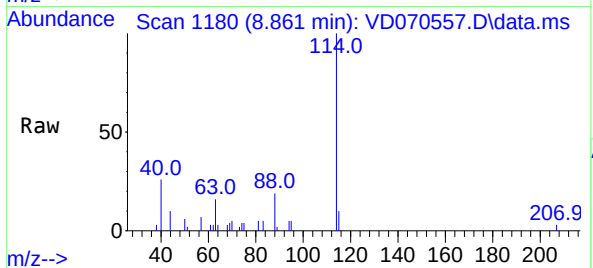


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

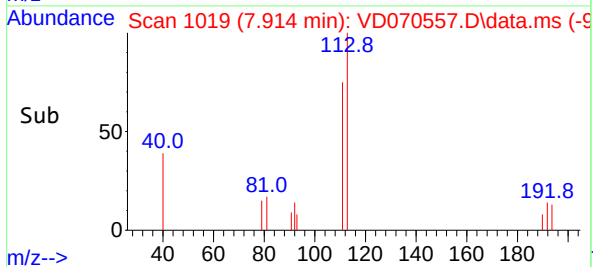
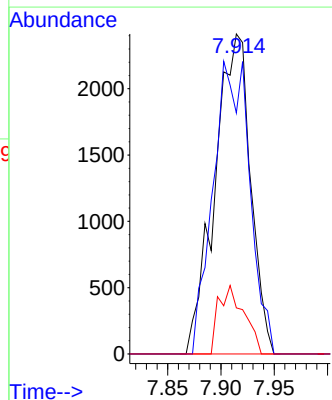
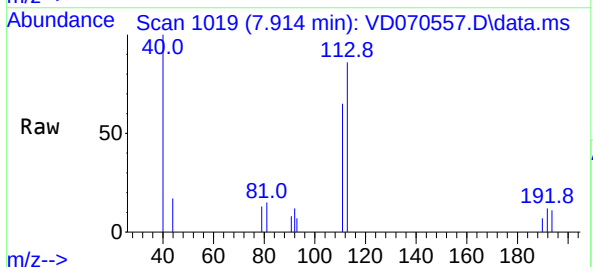
Tgt Ion:	114	Resp:	16200
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	43.4
88	19.2	0.0	33.4

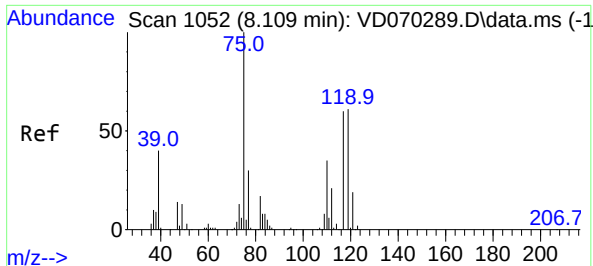


#35

Dibromofluoromethane
Concen: 48.86 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion:	113	Resp:	5634
Ion	Ratio	Lower	Upper
113	100		
111	93.7	81.4	122.2
192	15.1	13.0	19.6

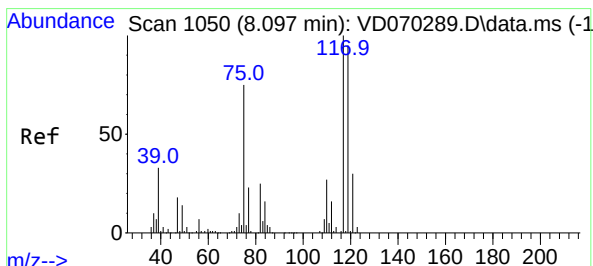
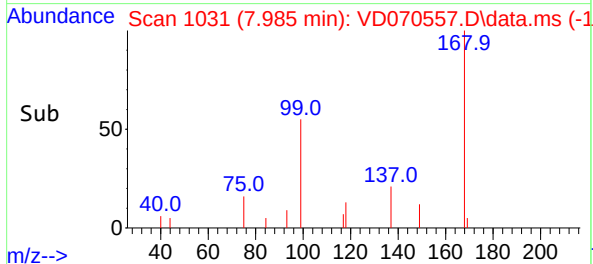
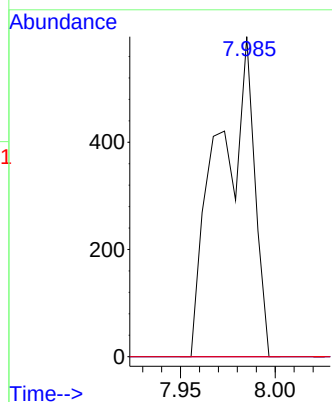
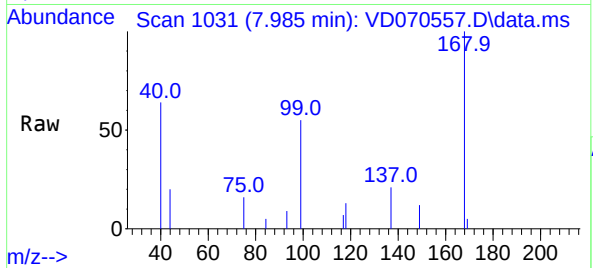




#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.124 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

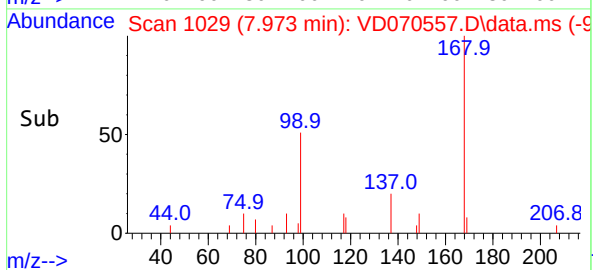
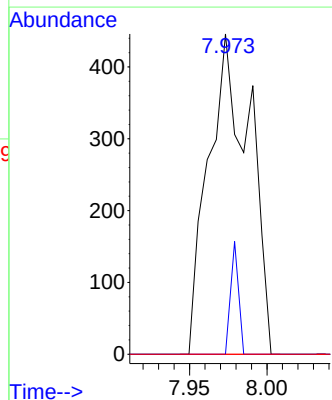
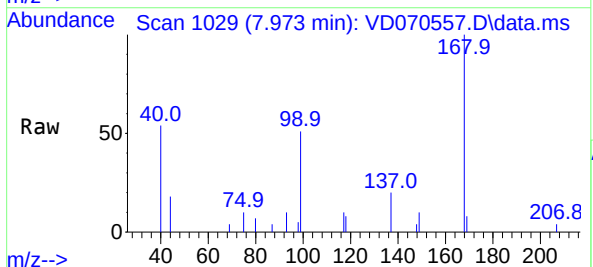
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

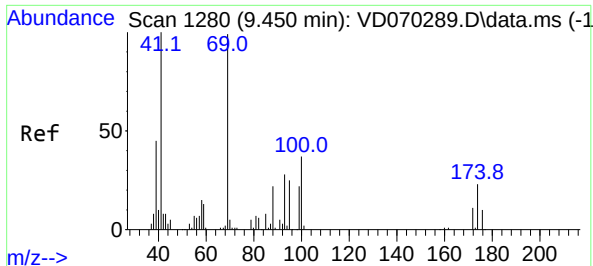
Tgt Ion: 75 Resp: 785
Ion Ratio Lower Upper
75 100
110 0.0 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion: 117 Resp: 822
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#





#48

Methyl methacrylate

Concen: 1.07 ug/l

RT: 9.244 min Scan# 1245

Delta R.T. -0.206 min

Lab File: VD070557.D

Acq: 04 Oct 2021 18:06

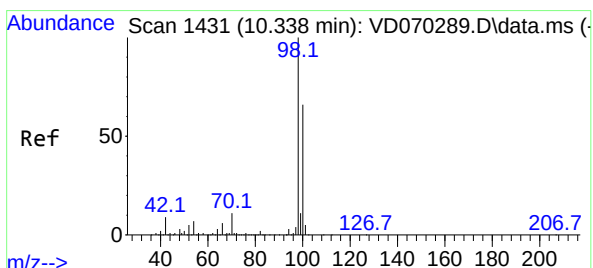
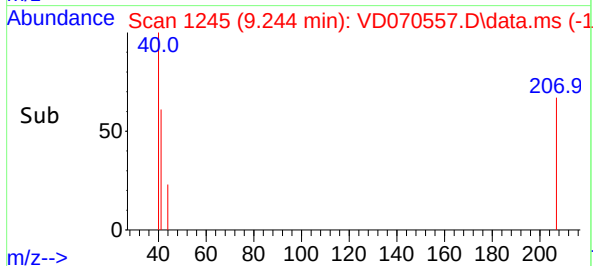
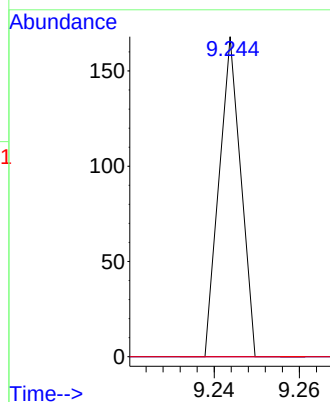
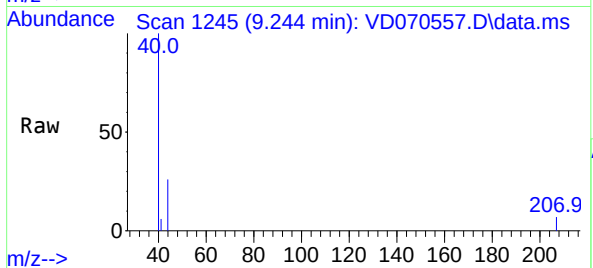
Instrument :

MSVOA_D

ClientSampleId :

EO-03-100121

Tgt Ion:	41	Resp:	59
Ion	Ratio	Lower	Upper
41	100		
69	0.0	79.8	119.8#
39	0.0	34.4	51.6#



#50

Toluene-d8

Concen: 46.05 ug/l

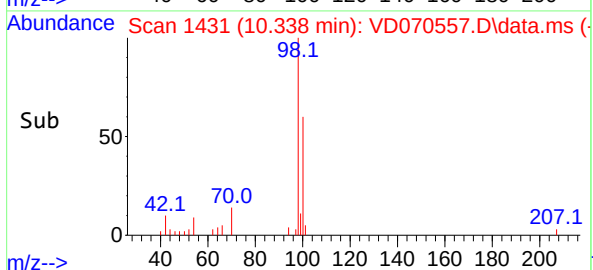
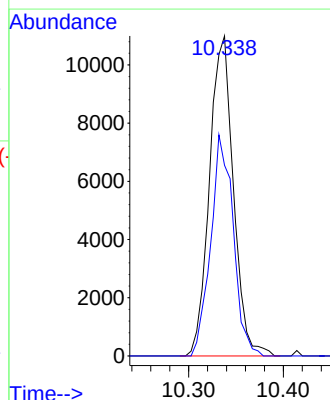
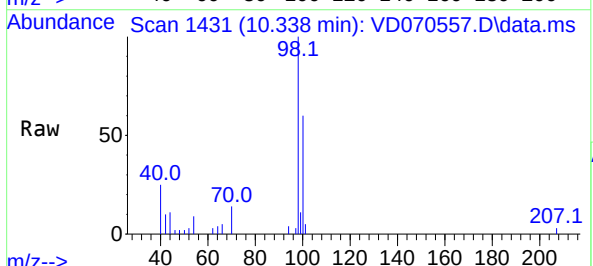
RT: 10.338 min Scan# 1431

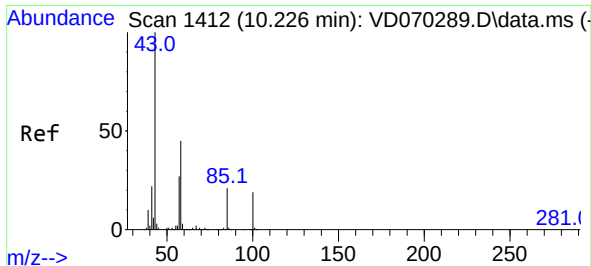
Delta R.T. -0.000 min

Lab File: VD070557.D

Acq: 04 Oct 2021 18:06

Tgt Ion:	98	Resp:	19280
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0

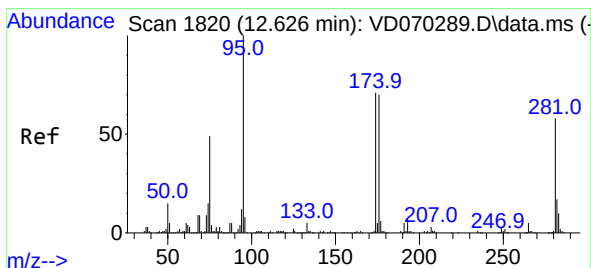
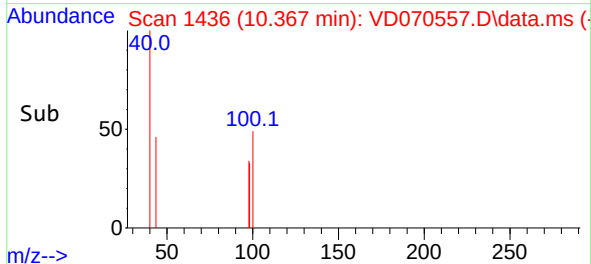
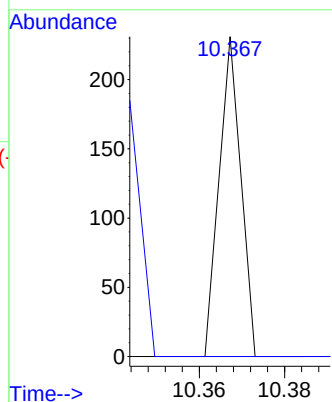
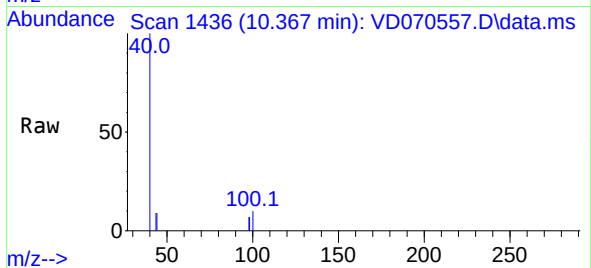




#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 10.367 min Scan# 1436
Delta R.T. 0.141 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

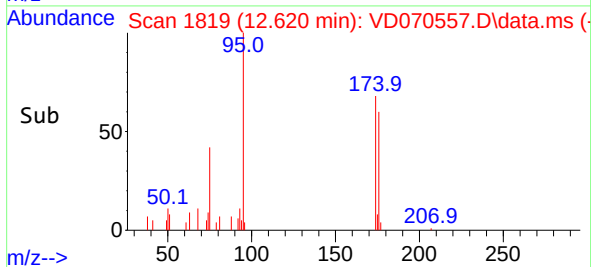
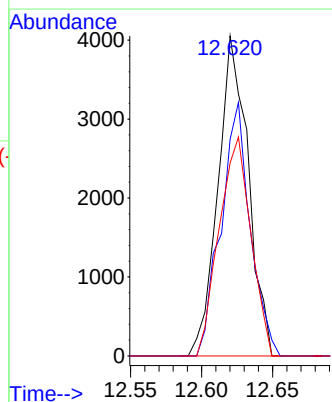
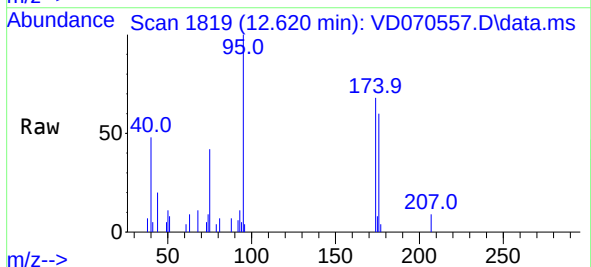
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

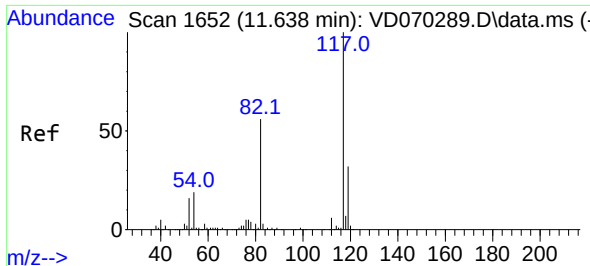
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 40.94 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion: 95 Resp: 5991
Ion Ratio Lower Upper
95 100
174 76.7 0.0 140.6
176 71.8 0.0 137.4

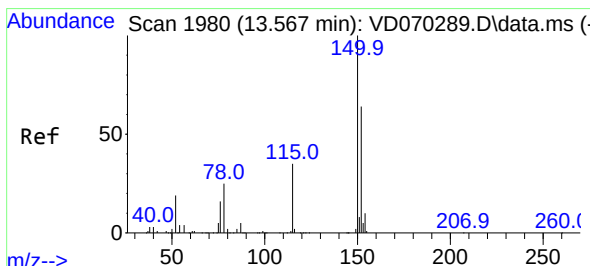
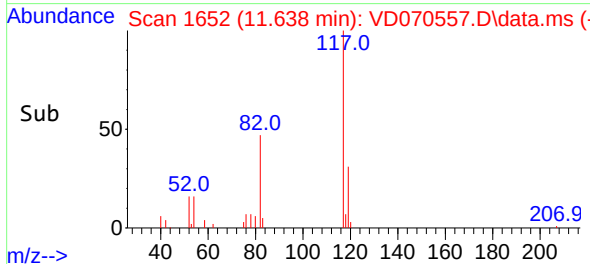
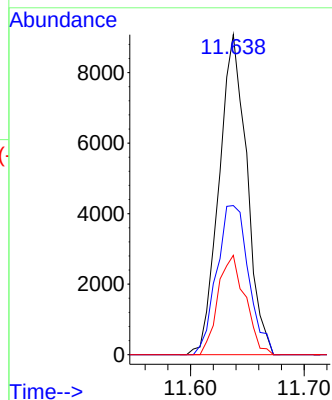
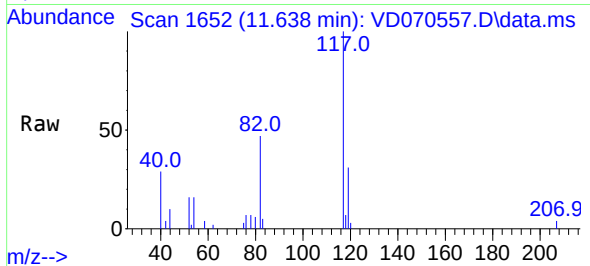




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

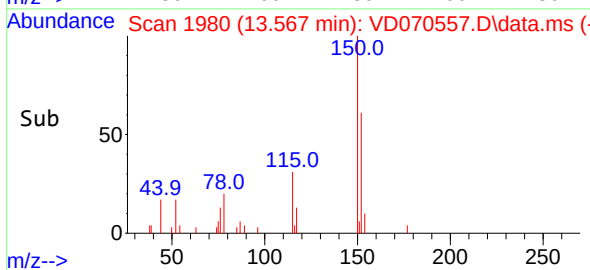
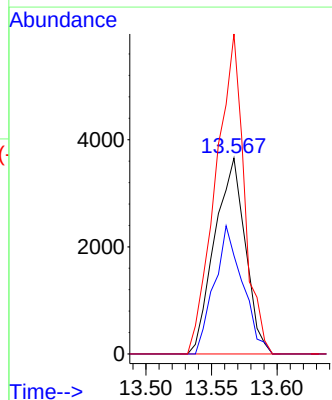
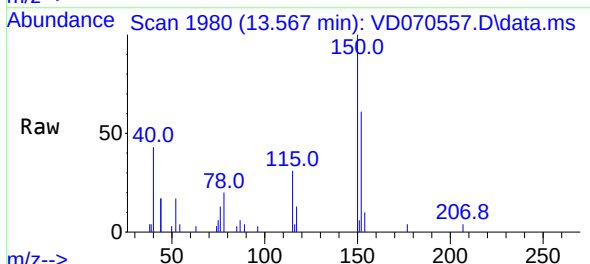
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

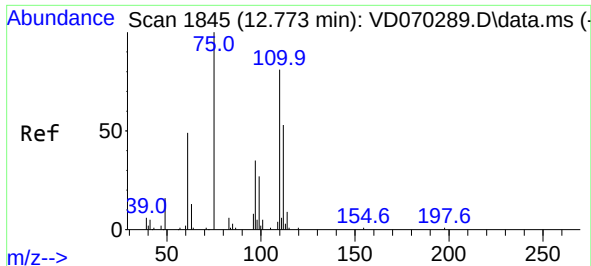
Tgt Ion:	117	Resp:	15426
Ion	Ratio	Lower	Upper
117	100		
82	46.6	45.0	67.4
119	31.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion:	152	Resp:	5960
Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.1	96.3
150	151.6	0.0	350.6

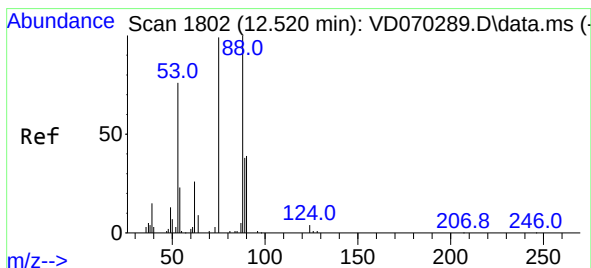
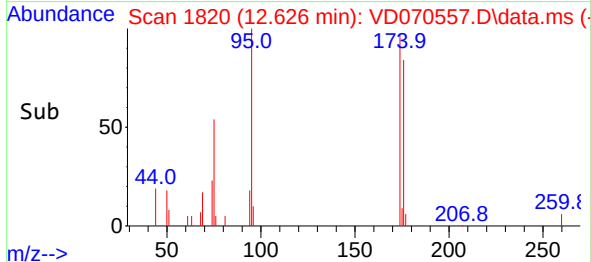
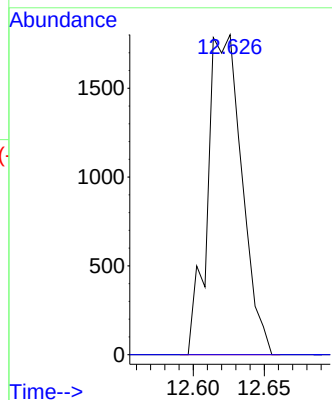
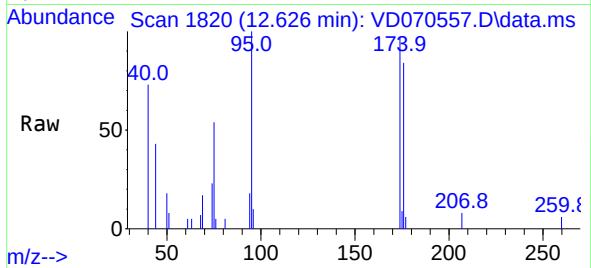




#76
1,2,3-Trichloropropane
Concen: 50.06 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

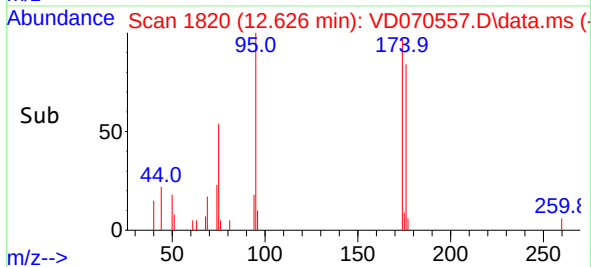
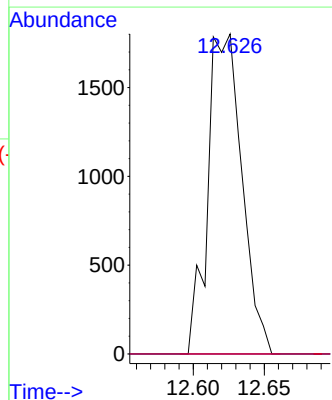
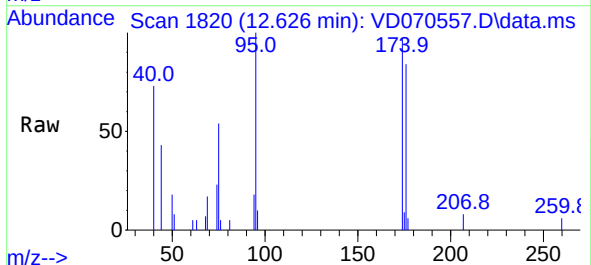
Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

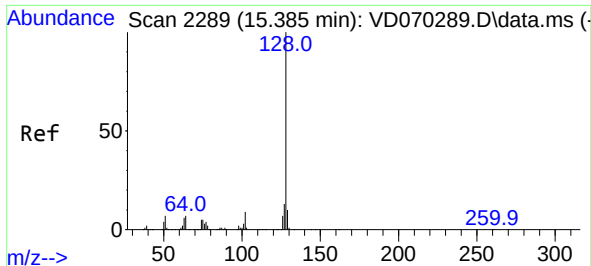
Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.43 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 9.65 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070557.D
Acq: 04 Oct 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :
EO-03-100121

Tgt Ion:128 Resp: 1678
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#

