

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074597.D
 Acq On : 20 Oct 2022 15:01
 Operator : VA/SY
 Sample : N5184-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822RE

Quant Time: Oct 21 02:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

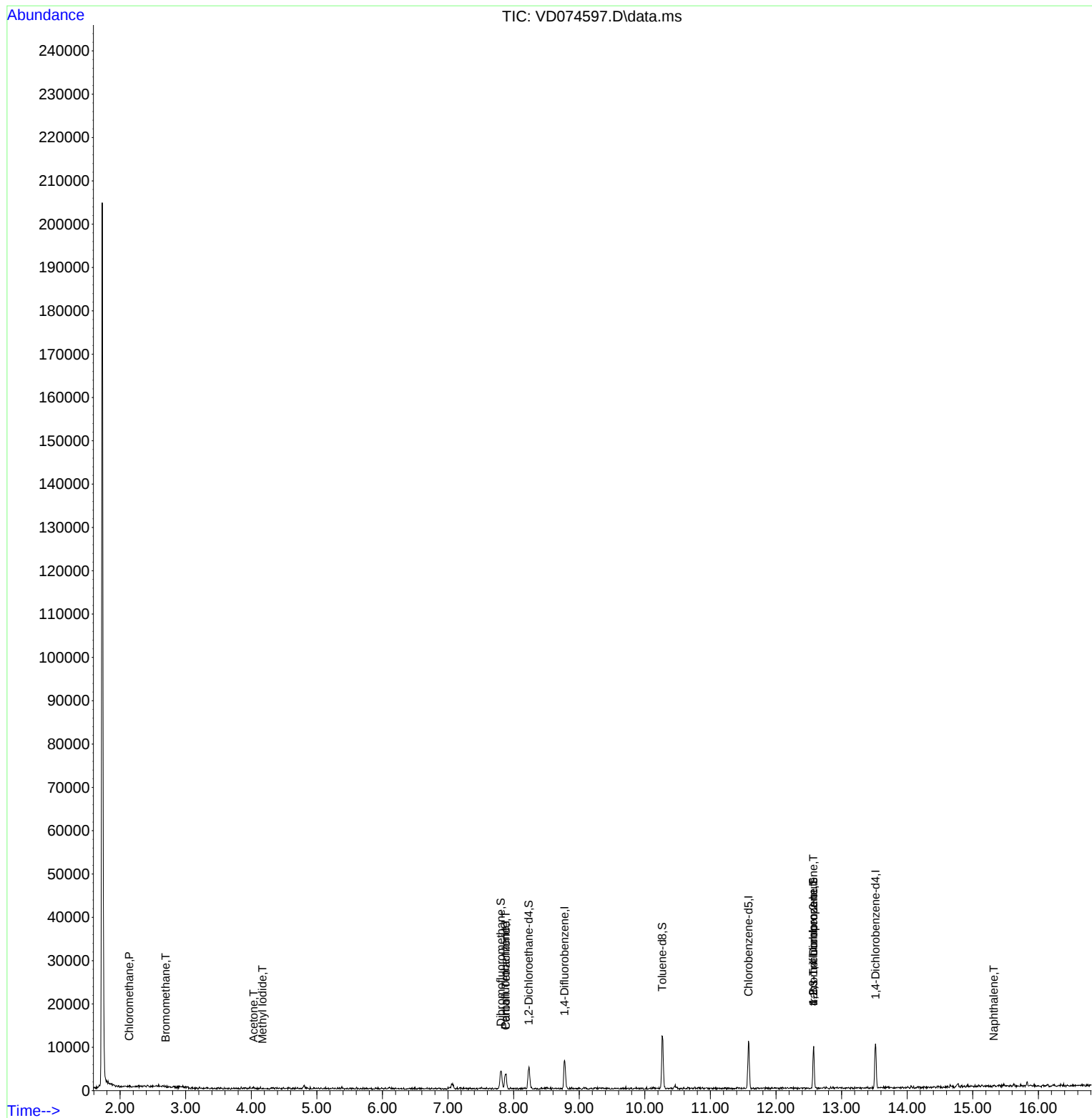
Internal Standards						
1) Pentafluorobenzene	7.875	168	4375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	8234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4246	127.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 254.240%#	
35) Dibromofluoromethane	7.805	113	3600	79.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.120%#	
50) Toluene-d8	10.263	98	9633	58.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.900%	
62) 4-Bromofluorobenzene	12.569	95	3220	68.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	56	1.218	ug/l	# 37
5) Bromomethane	2.693	94	120	3.117	ug/l	# 3
10) Methyl Iodide	4.170	142	58	4.822	ug/l	# 43
16) Acetone	4.034	43	215	29.476	ug/l	# 37
20) Methylene Chloride	4.811	84	537	Below Cal	#	71
38) Carbon Tetrachloride	7.881	117	293	4.045	ug/l	# 14
76) 1,2,3-Trichloropropane	12.569	75	1669	52.714	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	1669	134.712	ug/l	# 17
95) Naphthalene	15.322	128	218	1.587	ug/l	# 69

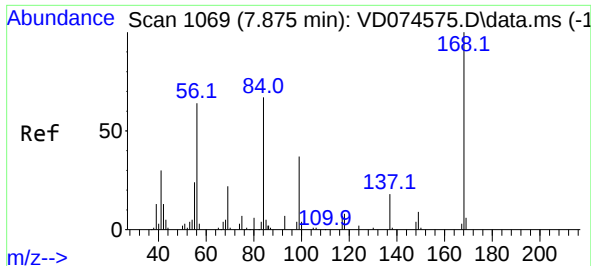
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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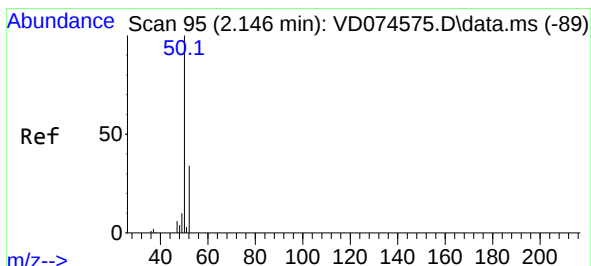
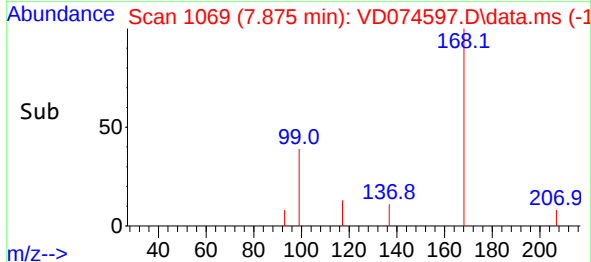
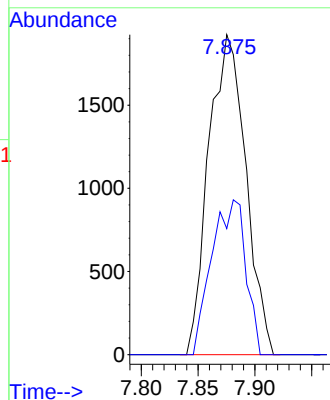
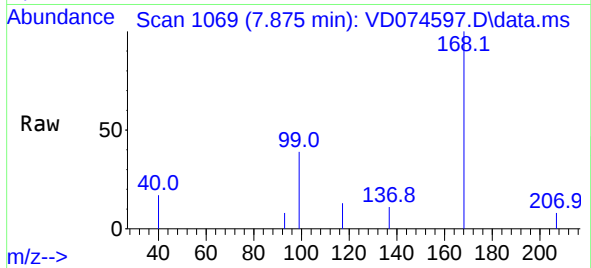




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

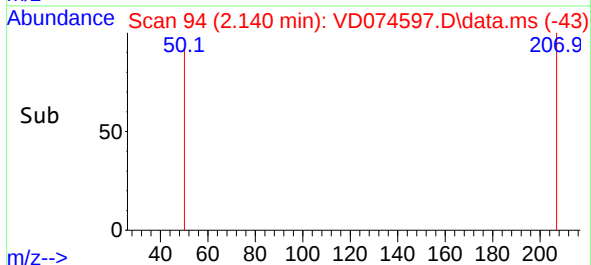
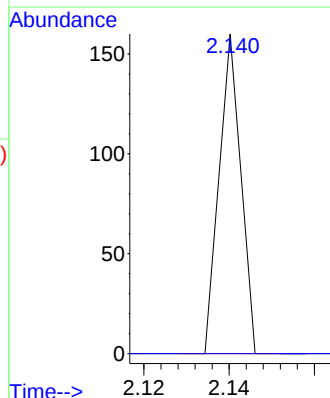
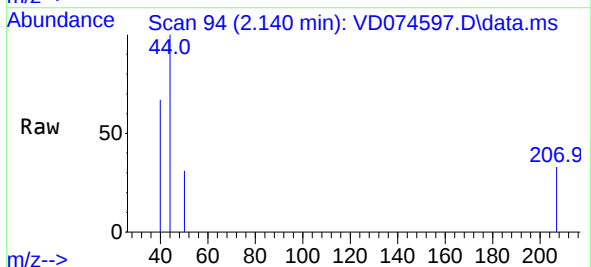
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

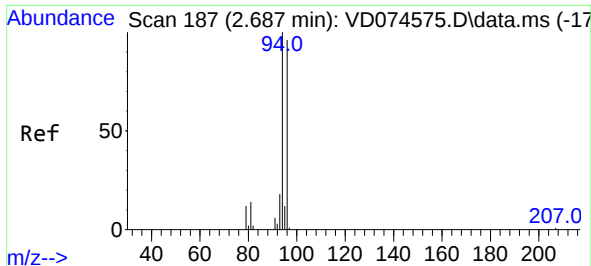
Tgt Ion:168 Resp: 4375
Ion Ratio Lower Upper
168 100
99 39.4 40.9 61.3#



#3
Chloromethane
Concen: 1.218 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

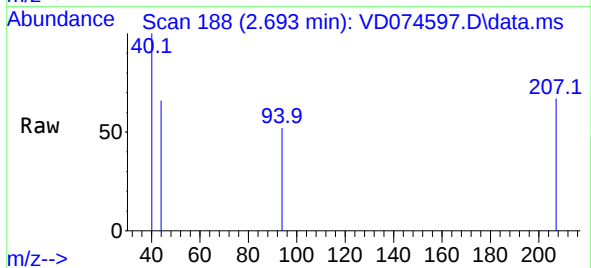
Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



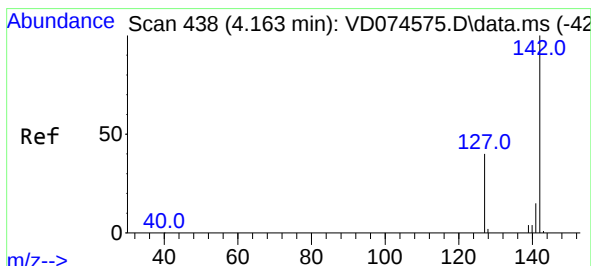
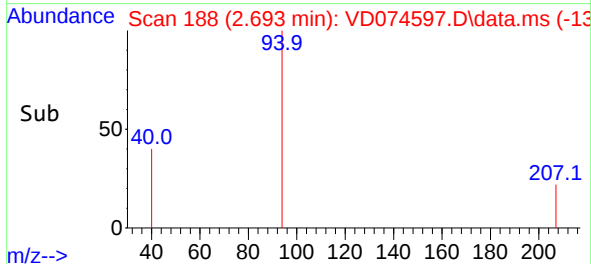
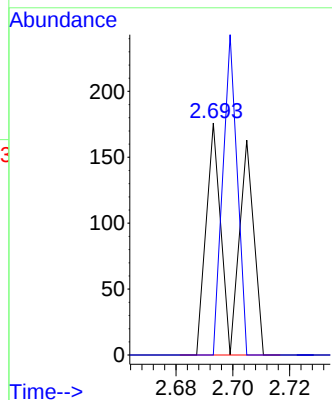


#5
Bromomethane
Concen: 3.117 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

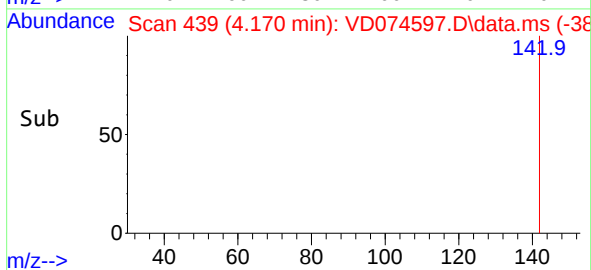
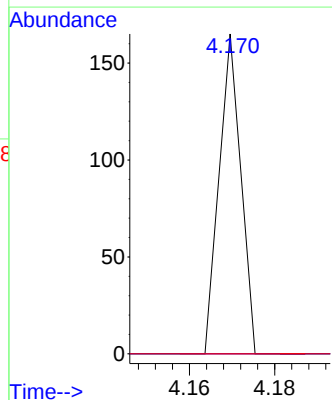
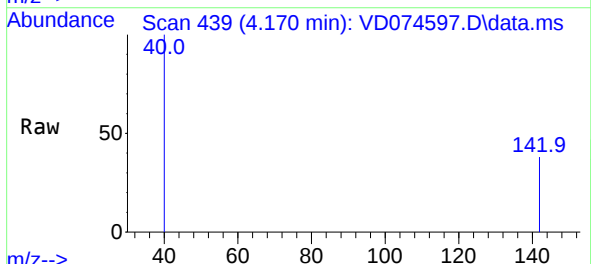


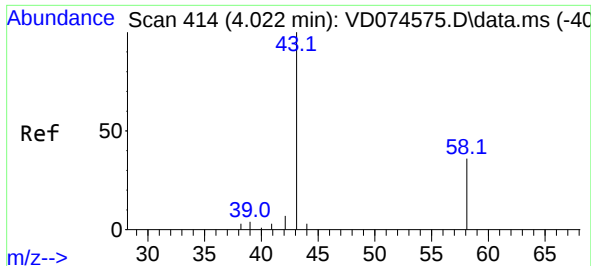
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#10
Methyl Iodide
Concen: 4.822 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.012 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

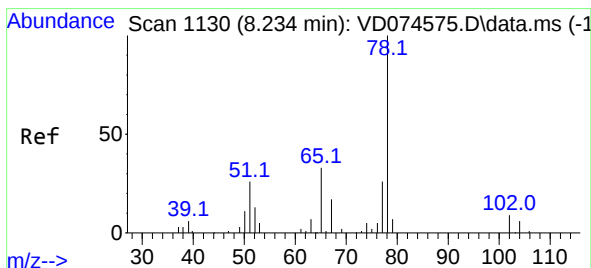
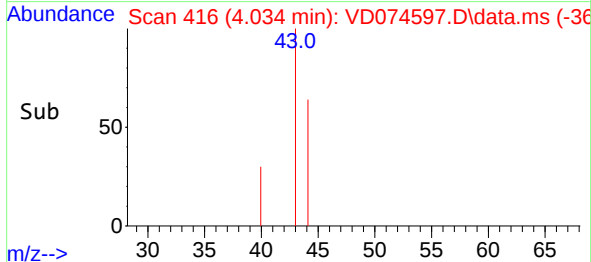
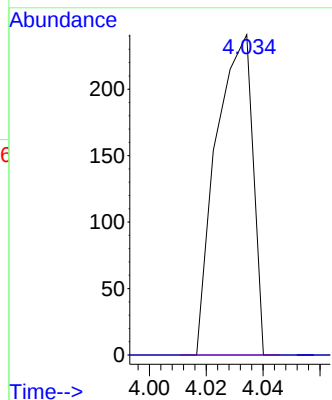
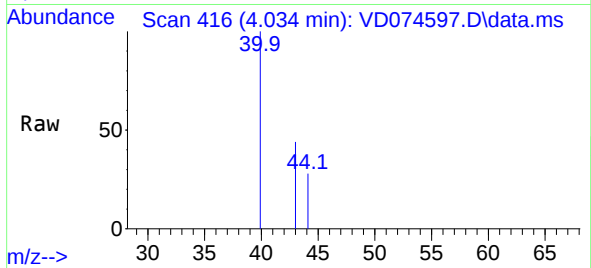




#16
Acetone
Concen: 29.476 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

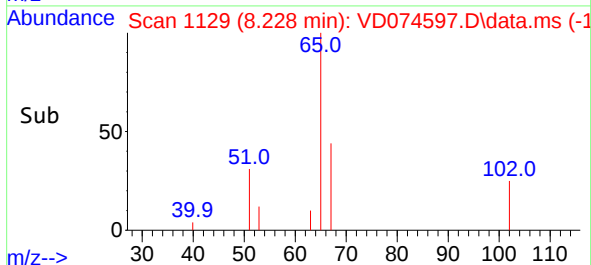
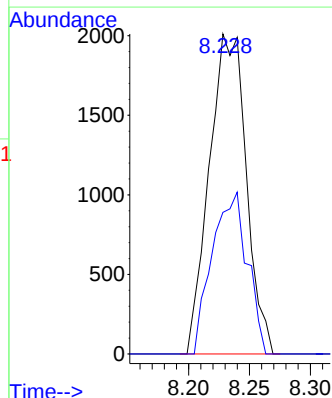
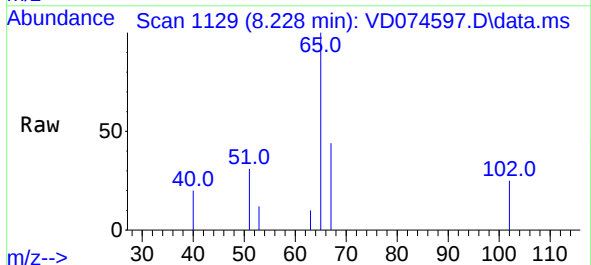
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

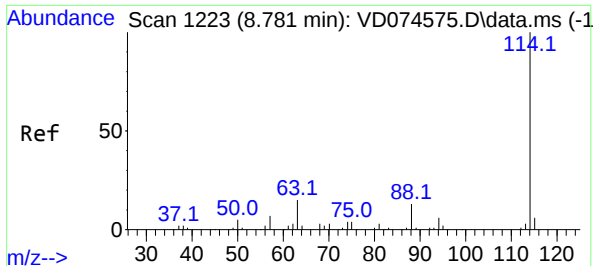
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 127.117 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 65 Resp: 4246
Ion Ratio Lower Upper
65 100
67 47.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074597.D

Acq: 20 Oct 2022 15:01

Instrument :

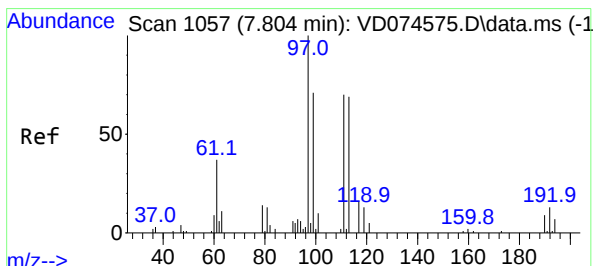
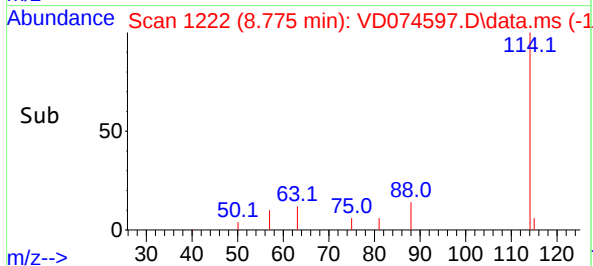
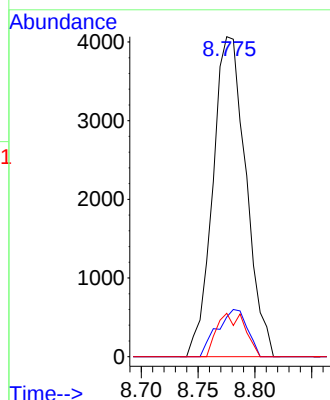
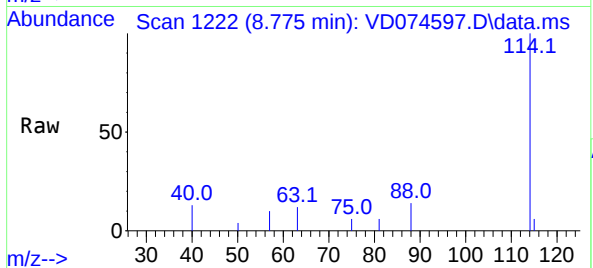
MSVOA_D

ClientSampleId :

EO-02-101822RE

Tgt Ion:114 Resp: 8234

Ion	Ratio	Lower	Upper
114	100		
63	12.4	0.0	33.2
88	13.5	0.0	28.2



#35

Dibromofluoromethane

Concen: 79.565 ug/l

RT: 7.805 min Scan# 1057

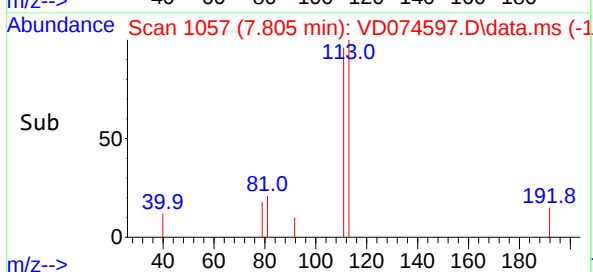
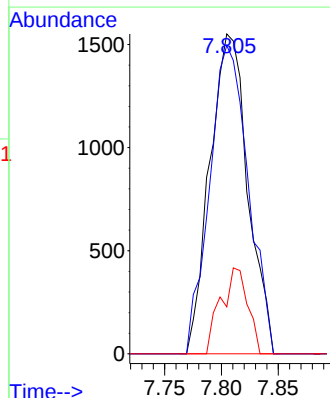
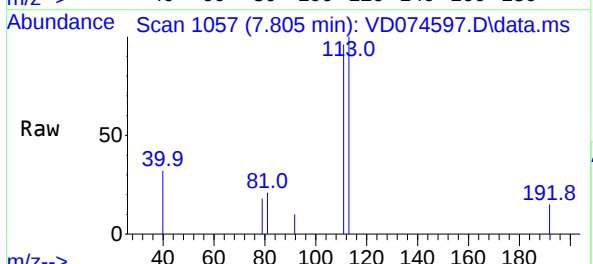
Delta R.T. 0.001 min

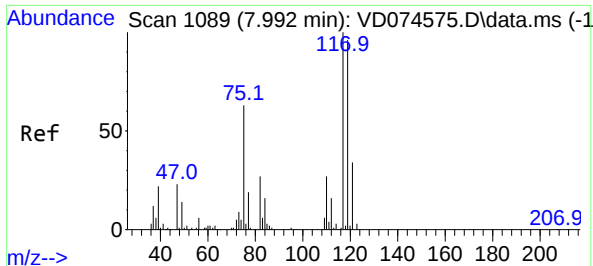
Lab File: VD074597.D

Acq: 20 Oct 2022 15:01

Tgt Ion:113 Resp: 3600

Ion	Ratio	Lower	Upper
113	100		
111	98.3	82.3	123.5
192	19.0	16.4	24.6

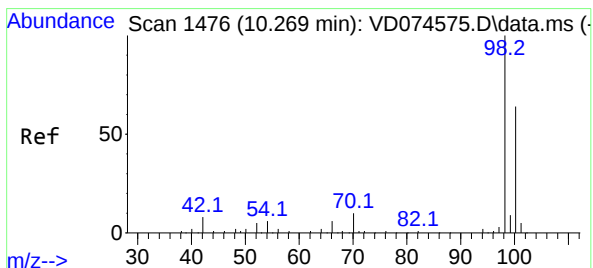
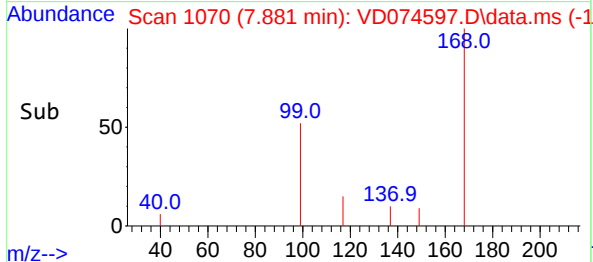
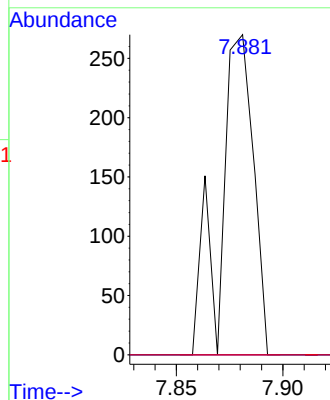
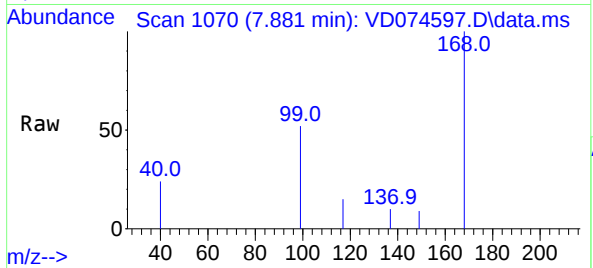




#38
Carbon Tetrachloride
Concen: 4.045 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

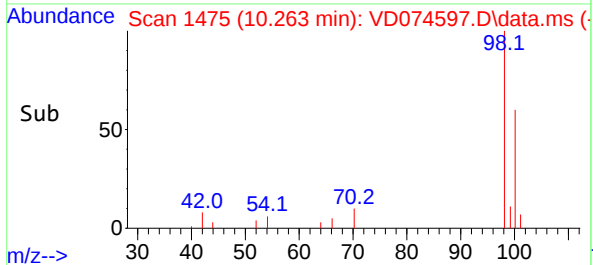
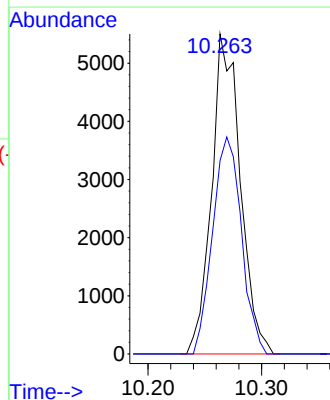
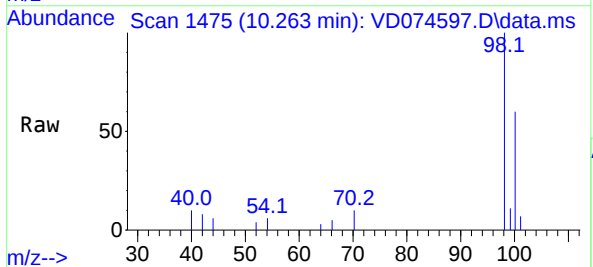
Instrument :
MSVOA_D
ClientSampleId :
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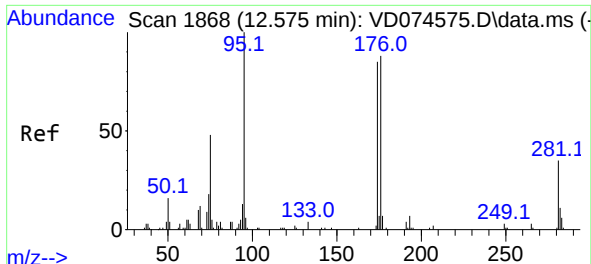
Tgt Ion:117 Resp: 293
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 58.451 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 98 Resp: 9633
Ion Ratio Lower Upper
98 100
100 68.2 51.4 77.0



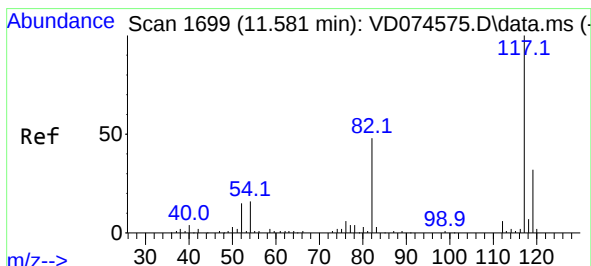
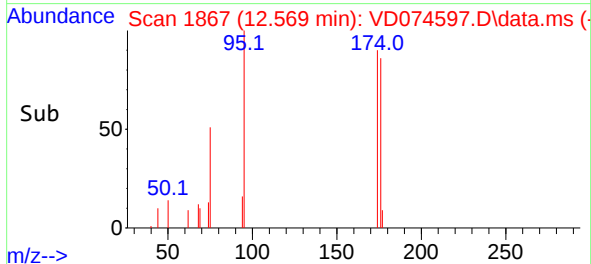
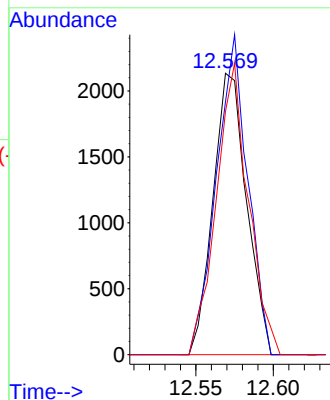
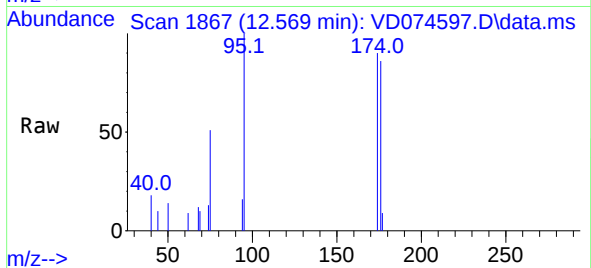


#62
4-Bromofluorobenzene
Concen: 68.638 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

Tgt Ion: 95 Resp: 3220

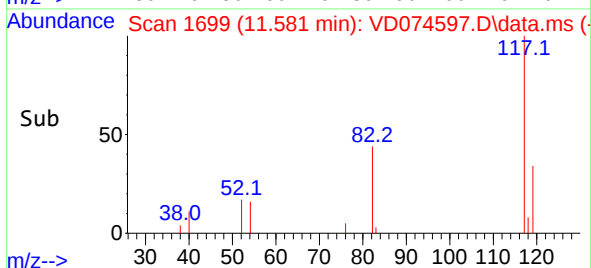
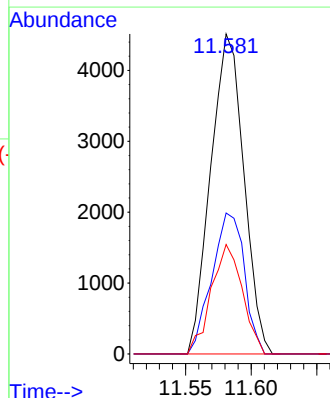
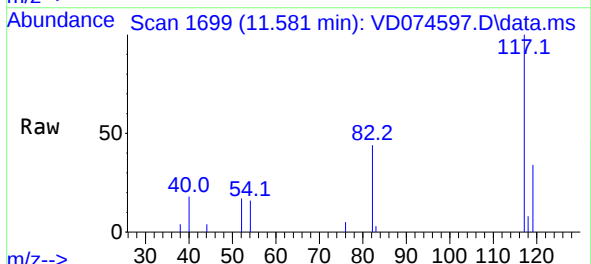
Ion	Ratio	Lower	Upper
95	100		
174	106.1	0.0	197.0
176	99.3	0.0	182.6

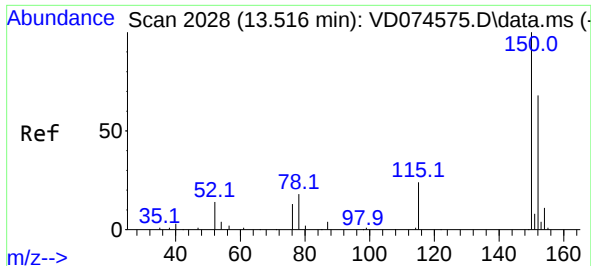


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 117 Resp: 7929

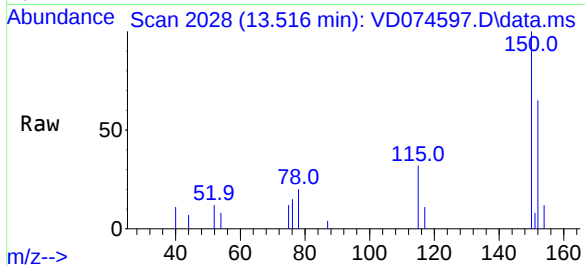
Ion	Ratio	Lower	Upper
117	100		
82	44.1	41.6	62.4
119	34.2	25.2	37.8



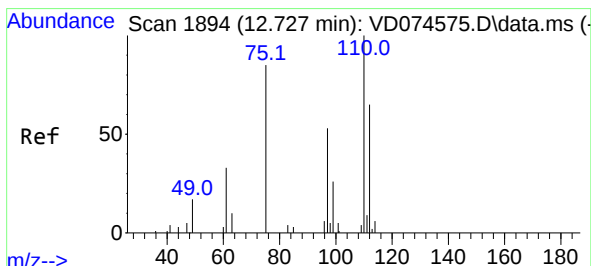
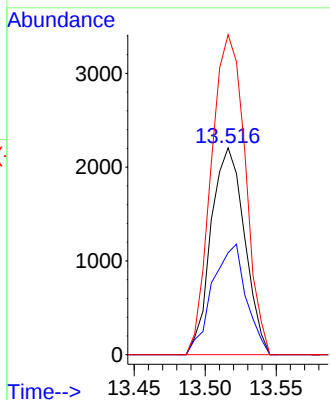
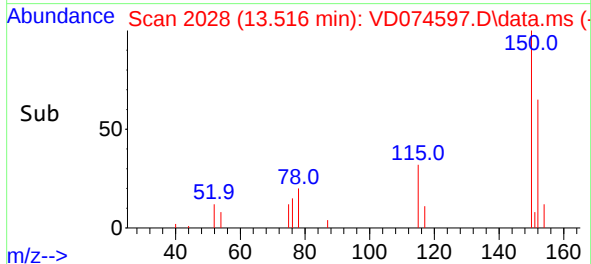


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074597.D
 Acq: 20 Oct 2022 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822RE

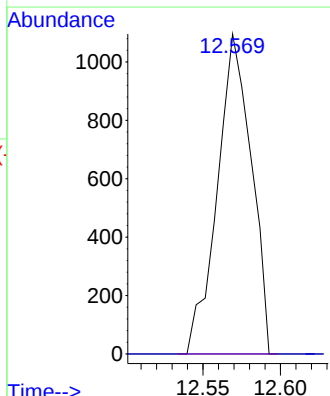
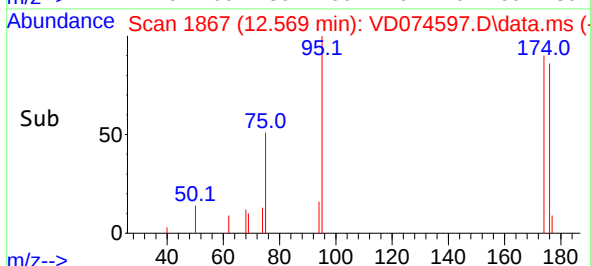
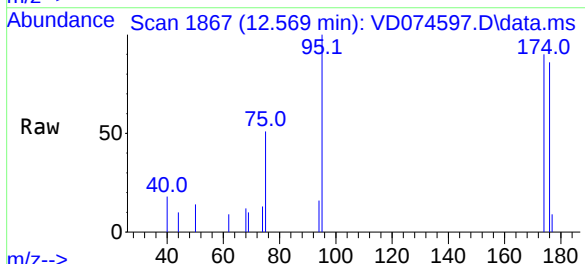


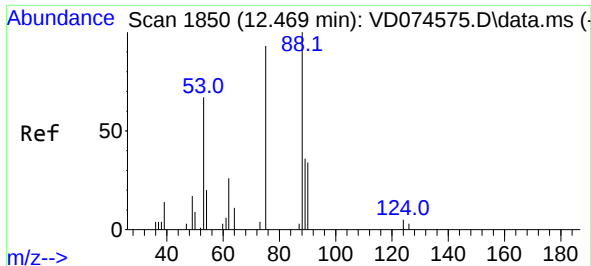
Tgt Ion:152 Resp: 3626
 Ion Ratio Lower Upper
 152 100
 115 54.0 26.8 80.4
 150 157.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 52.714 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074597.D
 Acq: 20 Oct 2022 15:01

Tgt Ion: 75 Resp: 1669
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

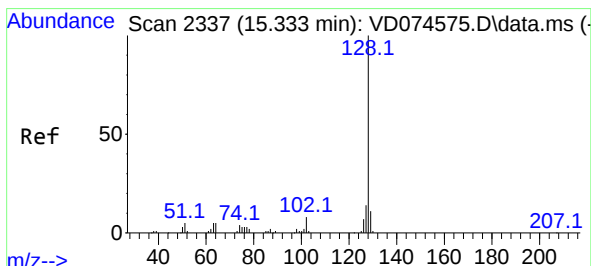
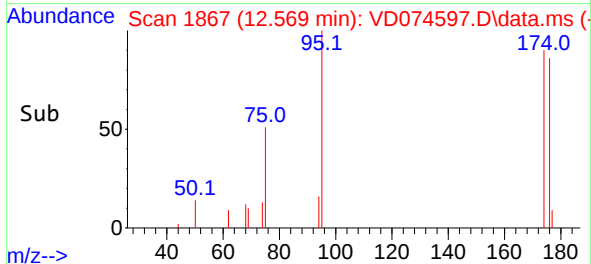
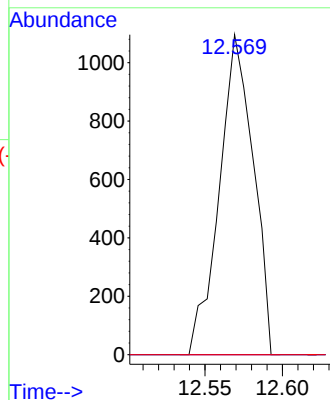
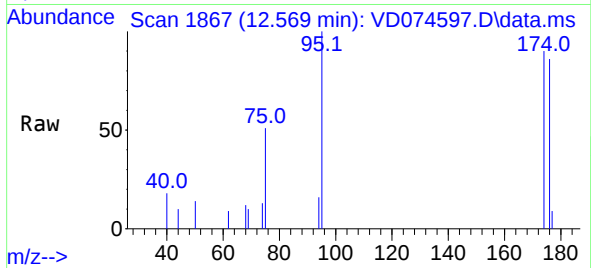




#81
trans-1,4-Dichloro-2-butene
Concen: 134.712 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

Tgt Ion: 75 Resp: 1669
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.587 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 128 Resp: 218
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

