

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074569.D
 Acq On : 18 Oct 2022 17:02
 Operator : VA/SY
 Sample : N5184-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822

Quant Time: Oct 19 02:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

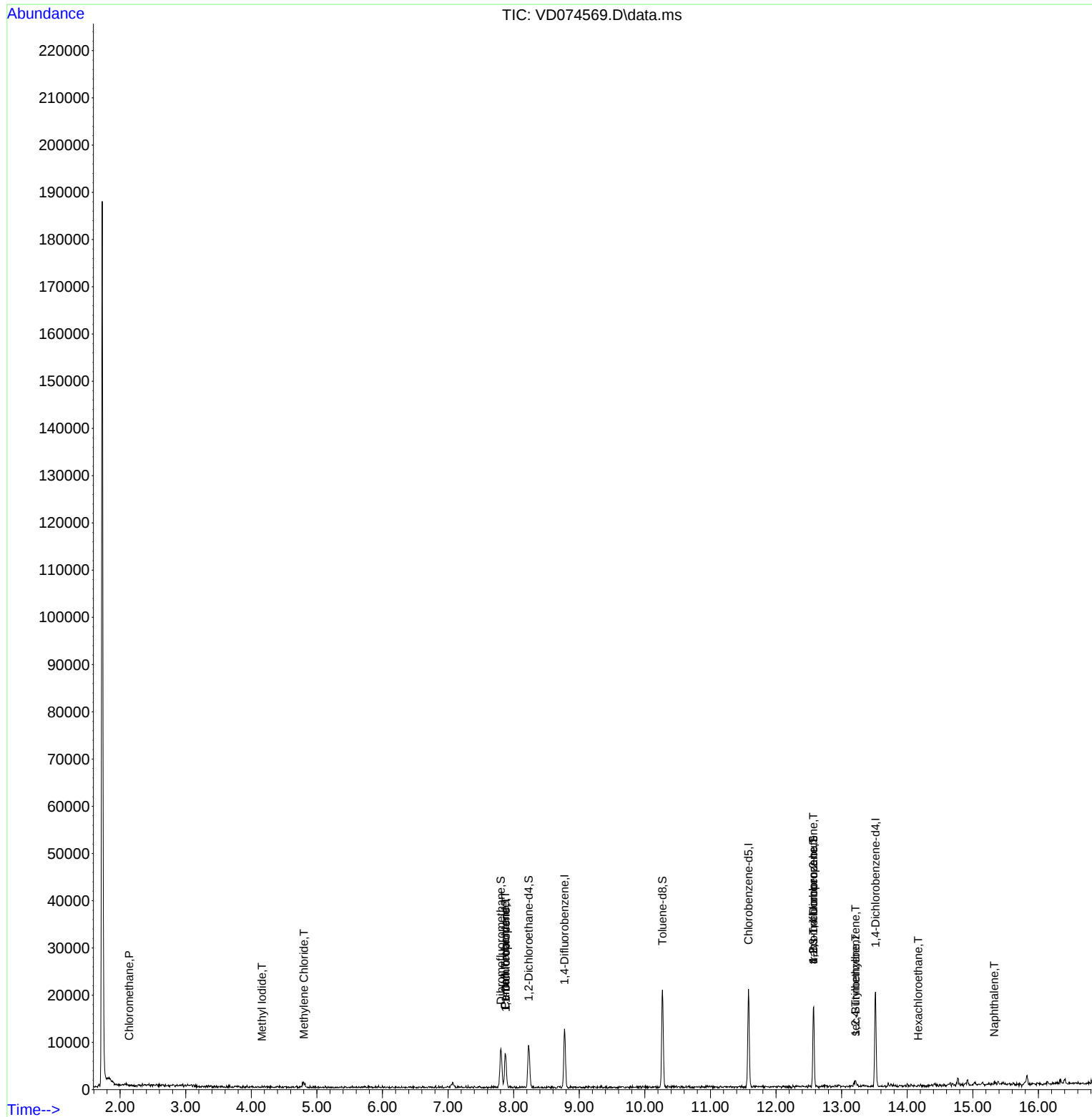
Internal Standards						
1) Pentafluorobenzene	7.869	168	6909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7715	129.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 259.460%#	
35) Dibromofluoromethane	7.805	113	6273	83.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 166.020%#	
50) Toluene-d8	10.269	98	16131	54.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.569	95	5534	62.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	154	1.852	ug/l #	37
10) Methyl Iodide	4.164	142	56	5.734	ug/l #	43
20) Methylene Chloride	4.805	84	945	2.581	ug/l #	54
36) 1,1-Dichloropropene	7.881	75	126	1.024	ug/l #	39
38) Carbon Tetrachloride	7.875	117	402	3.532	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	2575	46.591	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	2575	118.184	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.210	105	572	1.366	ug/l	83
85) sec-Butylbenzene	13.210	105	572	1.014	ug/l #	56
90) Hexachloroethane	14.169	117	316	3.821	ug/l #	11
95) Naphthalene	15.328	128	643	2.510	ug/l #	69

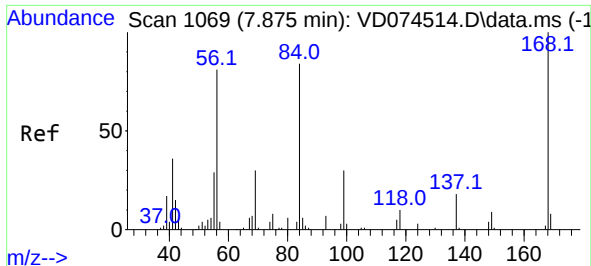
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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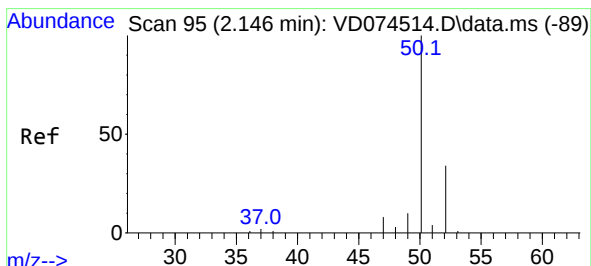
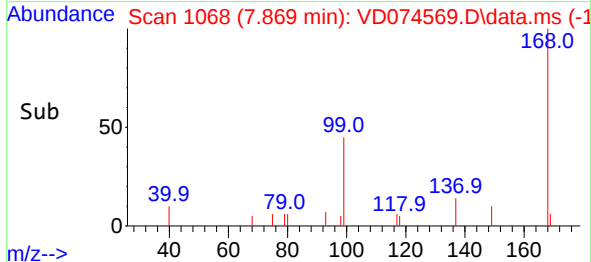
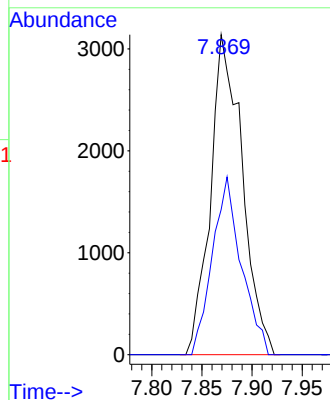
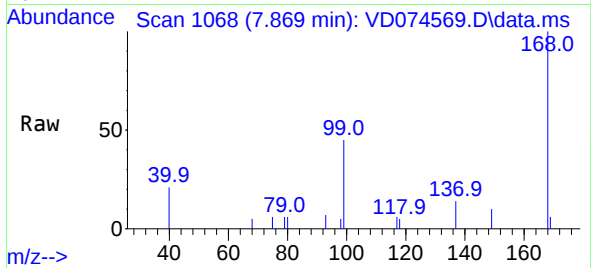




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

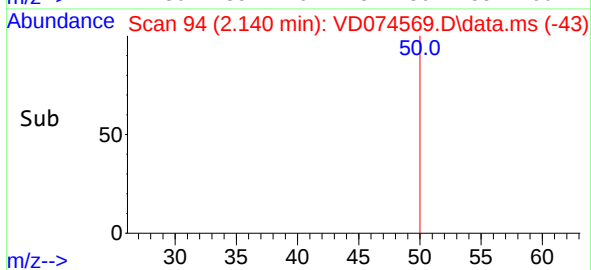
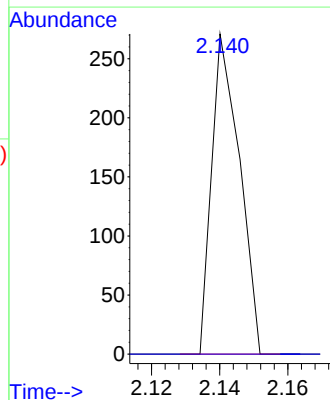
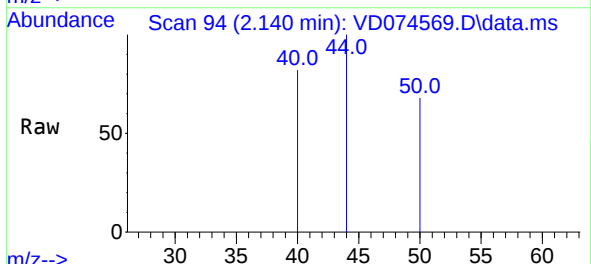
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822

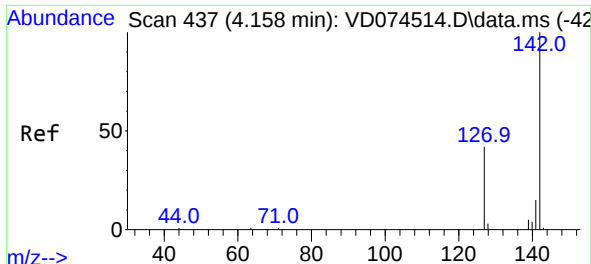
Tgt Ion:168 Resp: 6909
Ion Ratio Lower Upper
168 100
99 45.4 40.9 61.3



#3
Chloromethane
Concen: 1.852 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 50 Resp: 154
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

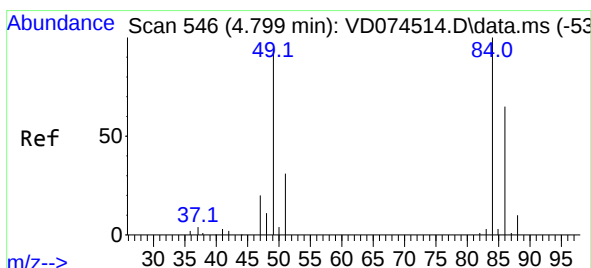
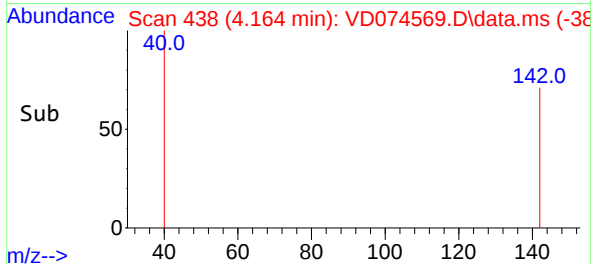
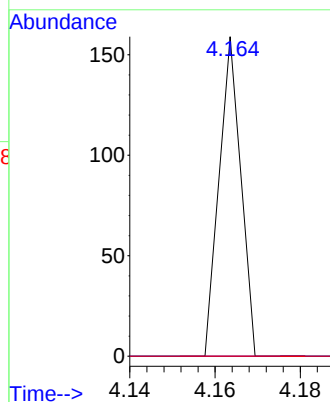
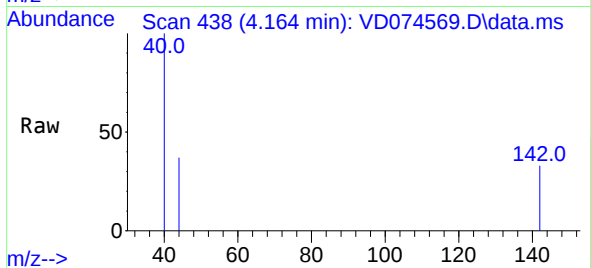




#10
Methyl Iodide
Concen: 5.734 ug/l
RT: 4.164 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

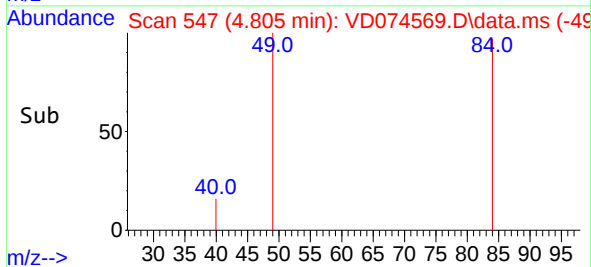
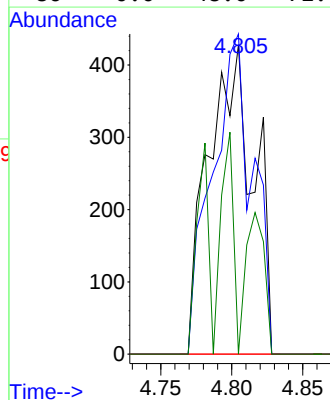
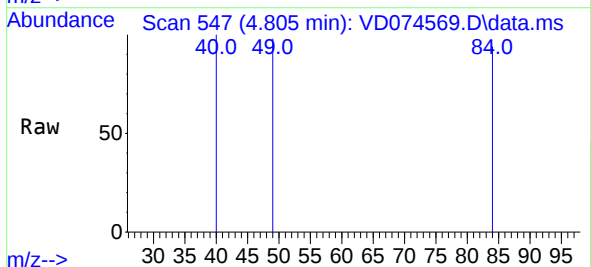
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822

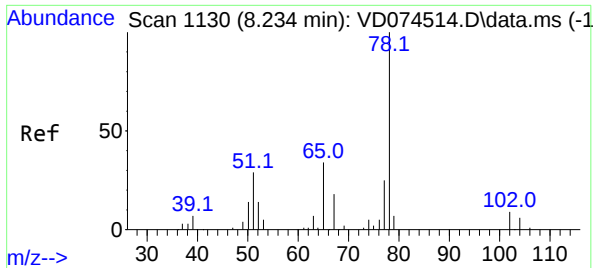
Tgt Ion:	142	Resp:	56
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.9	47.9#
141	0.0	11.4	17.2#



#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion:	84	Resp:	945
Ion	Ratio	Lower	Upper
84	100		
49	103.5	68.0	102.0#
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#





#33

1,2-Dichloroethane-d4

Concen: 129.730 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074569.D

Acq: 18 Oct 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

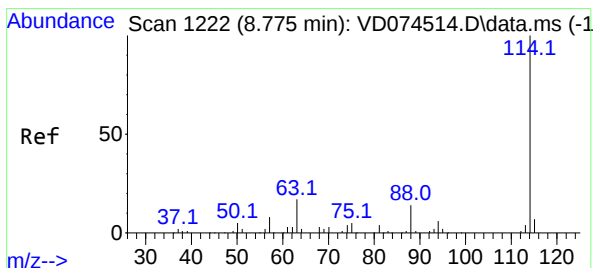
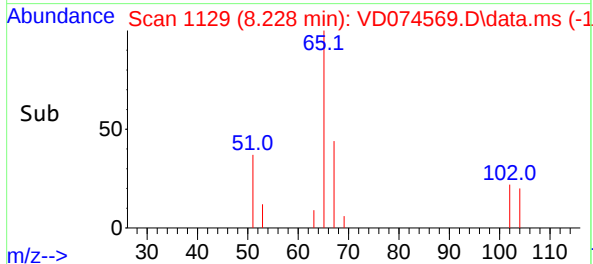
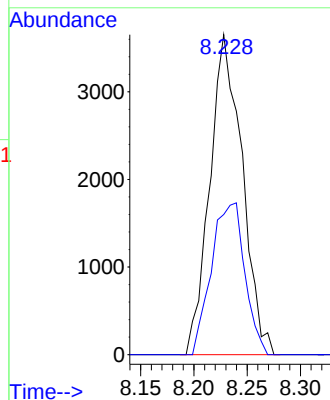
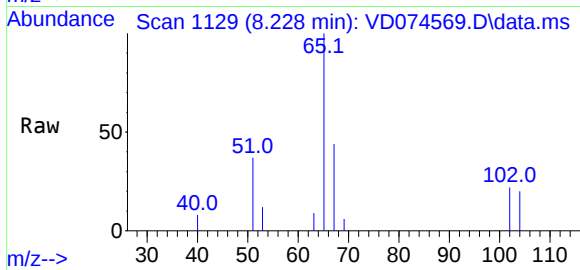
EO-02-101822

Tgt Ion: 65 Resp: 7715

Ion Ratio Lower Upper

65 100

67 48.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074569.D

Acq: 18 Oct 2022 17:02

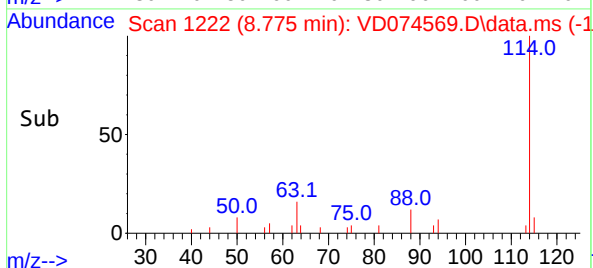
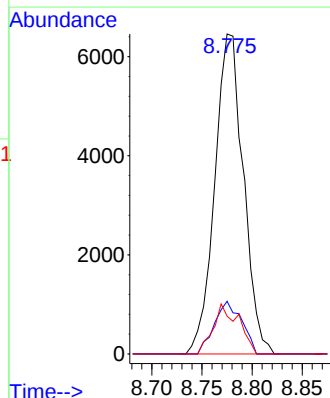
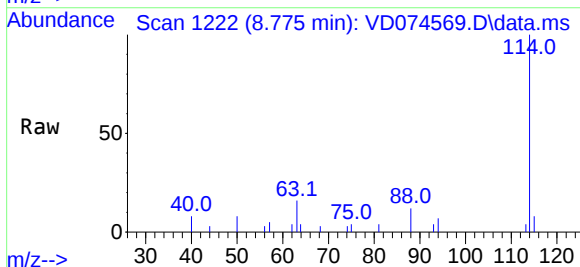
Tgt Ion: 114 Resp: 12826

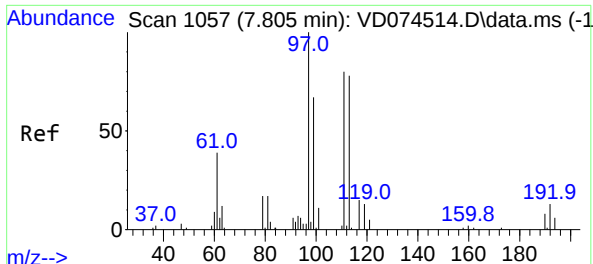
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 11.8 0.0 28.2



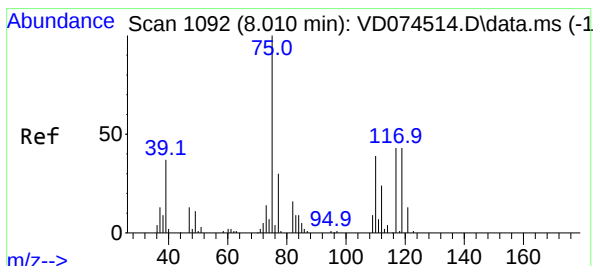
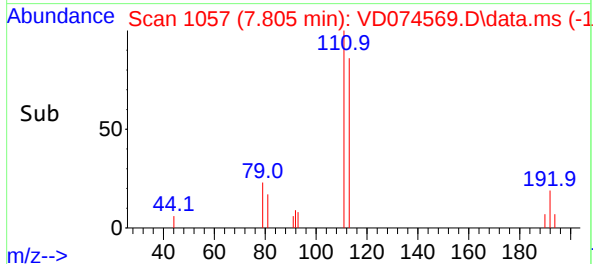
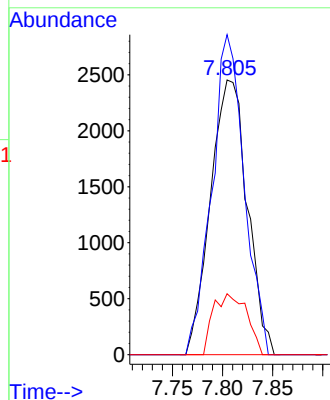
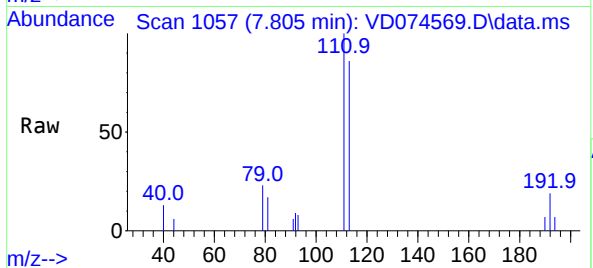


#35
Dibromofluoromethane
Concen: 83.012 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 113 Resp: 6273

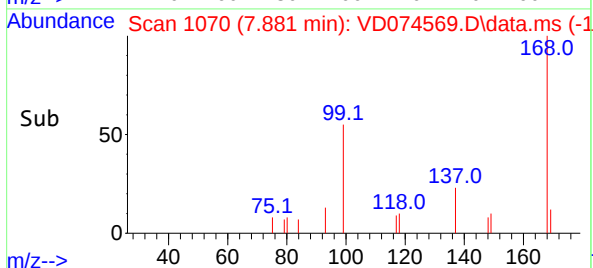
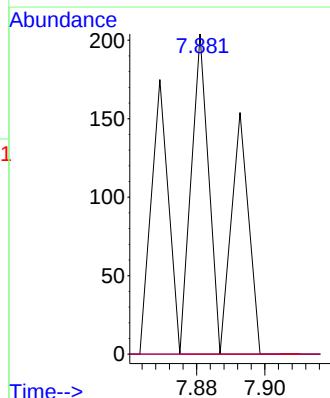
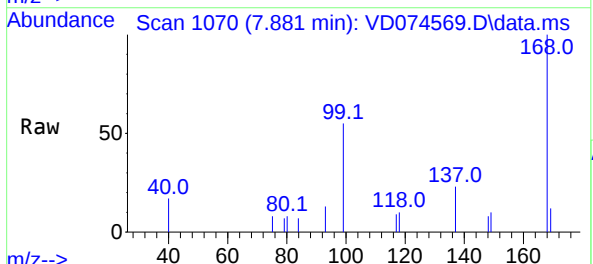
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	20.2	16.4	24.6

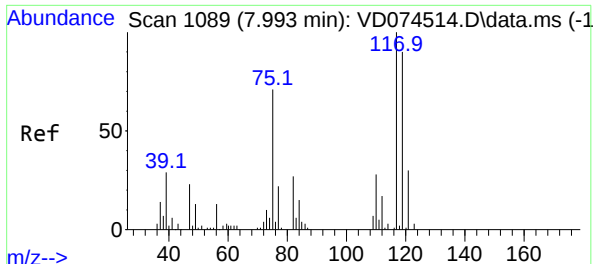


#36
1,1-Dichloropropene
Concen: 1.024 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.123 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 75 Resp: 126

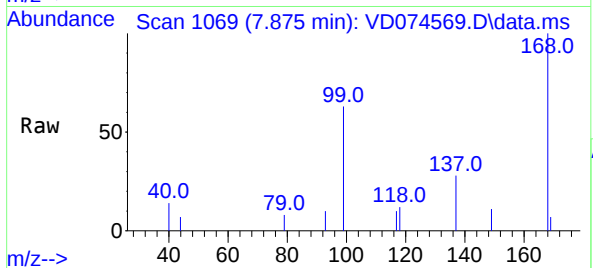
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#



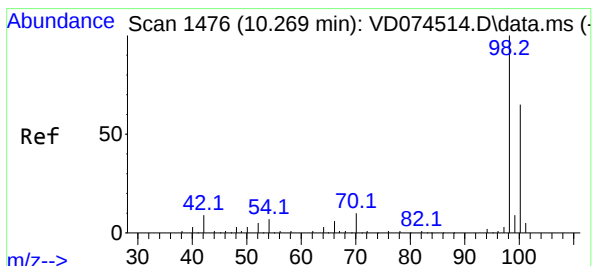
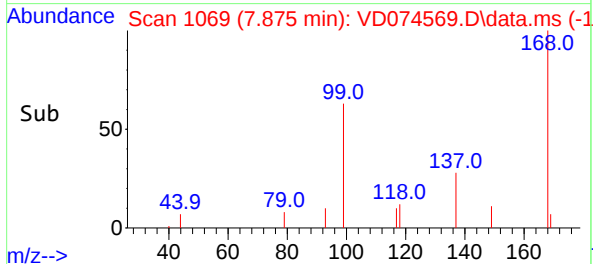
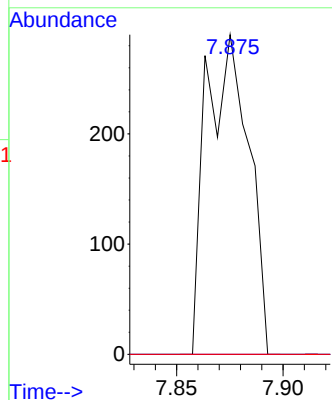


#38
Carbon Tetrachloride
Concen: 3.532 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Instrument :
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ClientSampleId :
EO-02-101822

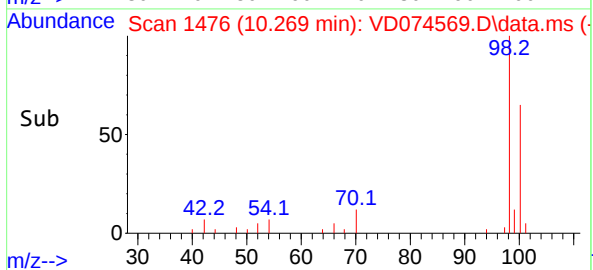
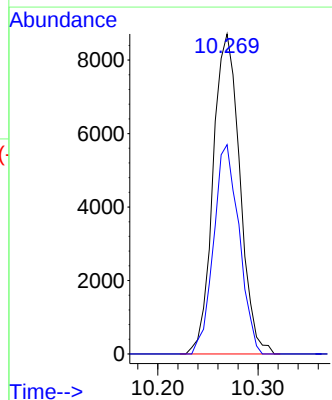
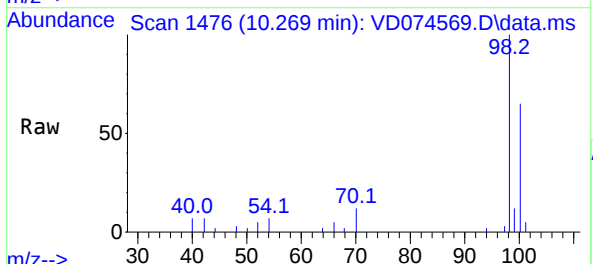


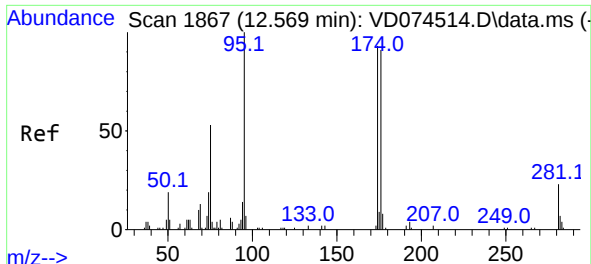
Tgt Ion:117 Resp: 402
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 54.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 98 Resp: 16131
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0

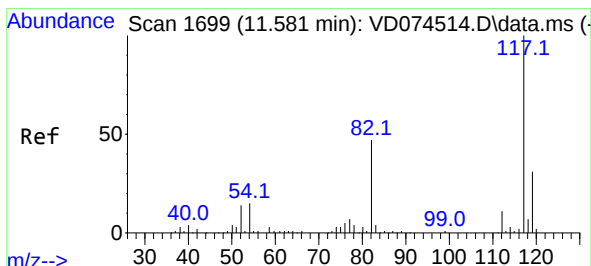
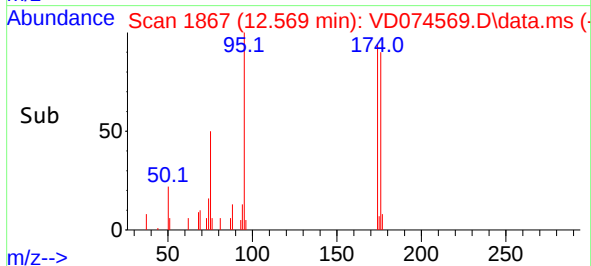
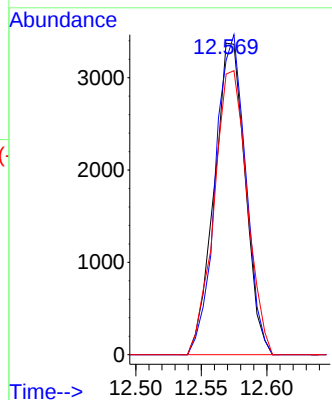
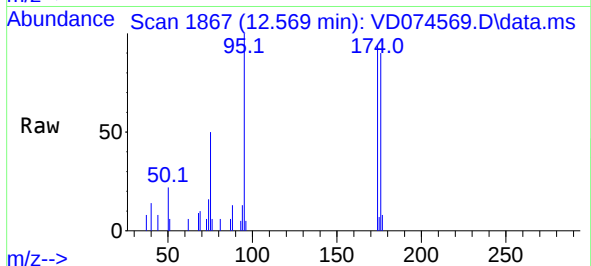




#62
4-Bromofluorobenzene
Concen: 62.760 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

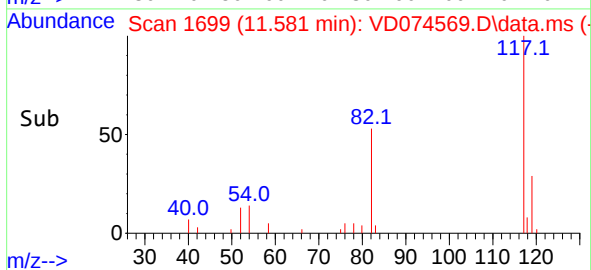
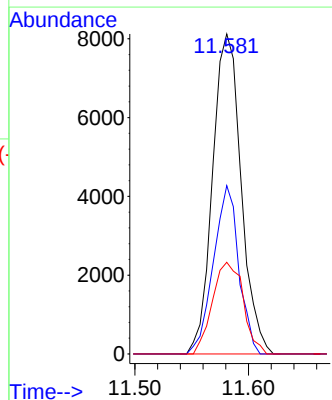
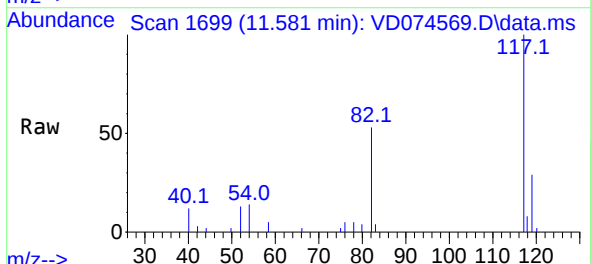
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EO-02-101822

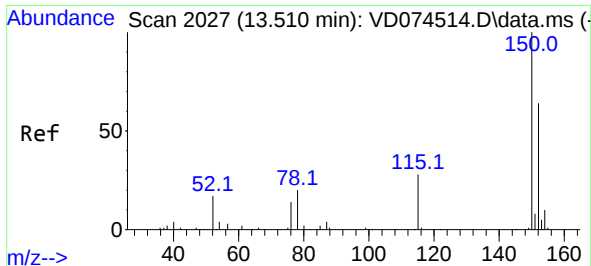
Tgt Ion:	95	Resp:	5534
Ion	Ratio	Lower	Upper
95	100		
174	100.2	0.0	197.0
176	97.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion:	117	Resp:	14180
Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	28.6	25.2	37.8

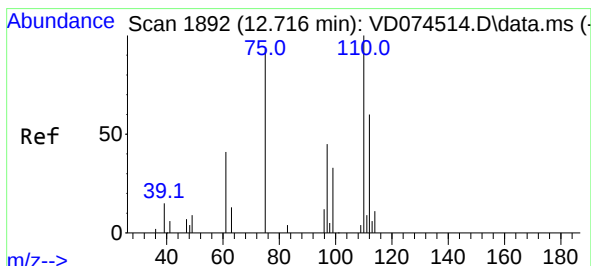
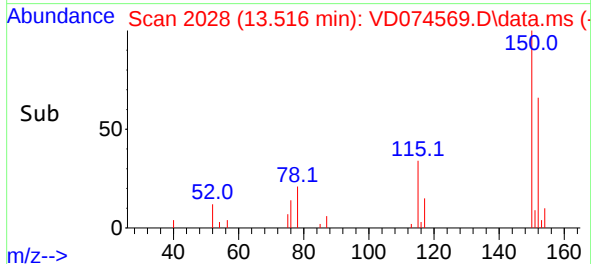
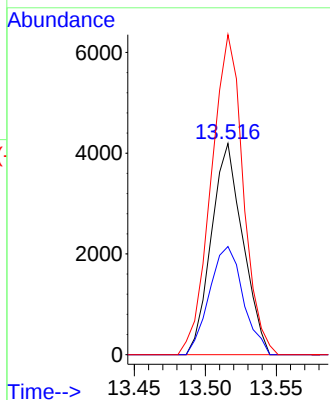
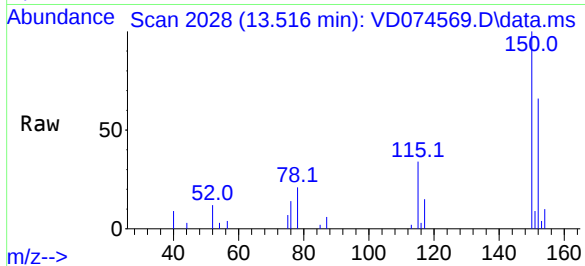




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

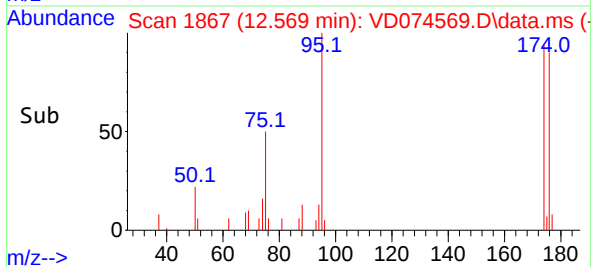
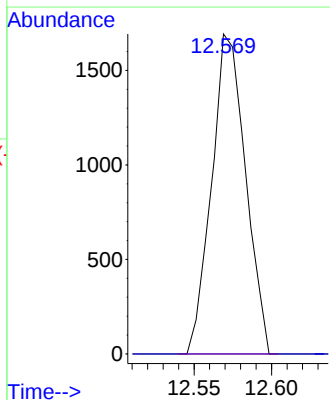
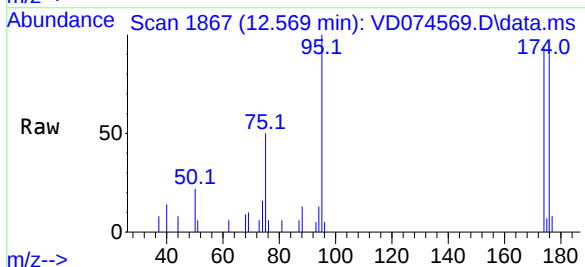
Instrument :
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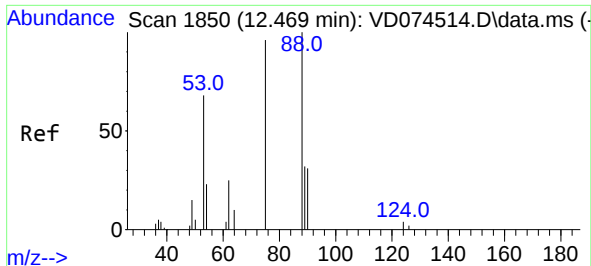
Tgt Ion:152 Resp: 6467
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 154.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 46.591 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 75 Resp: 2575
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

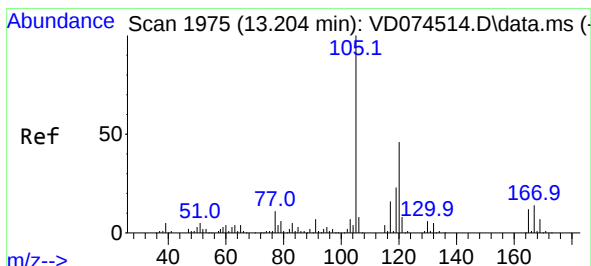
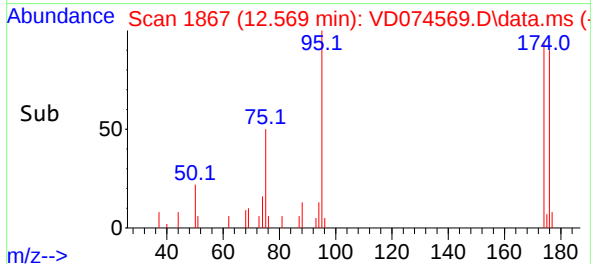
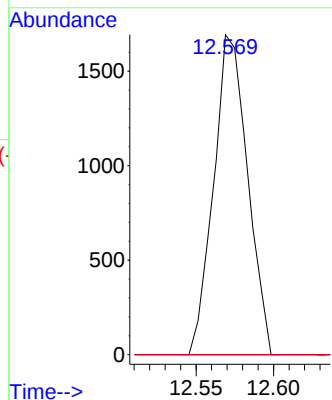
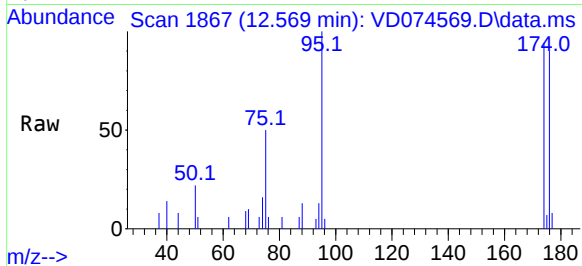




#81
trans-1,4-Dichloro-2-butene
Concen: 118.184 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.106 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

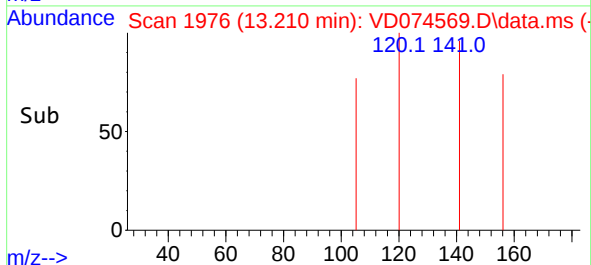
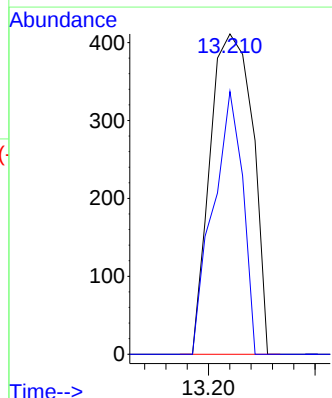
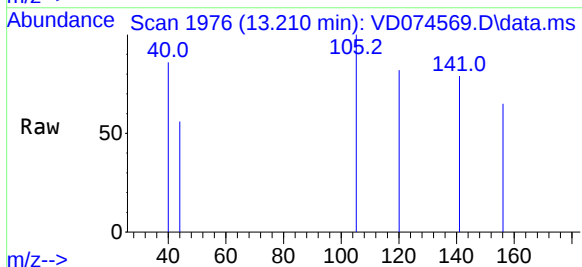
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822

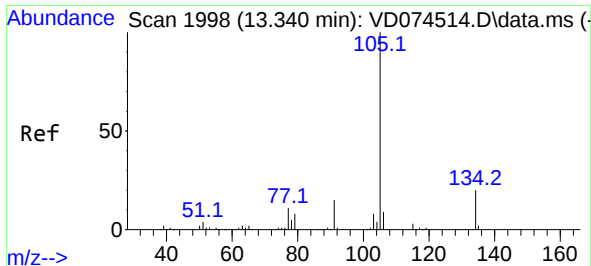
Tgt Ion: 75 Resp: 2575
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.366 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 105 Resp: 572
Ion Ratio Lower Upper
105 100
120 57.0 22.9 68.7

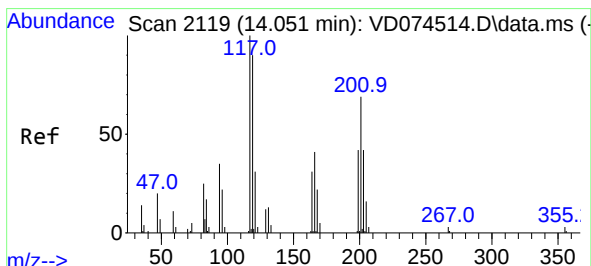
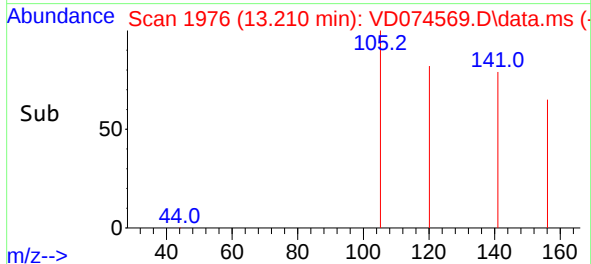
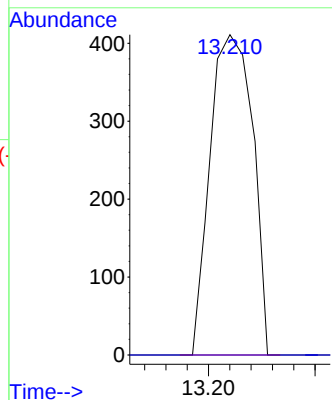
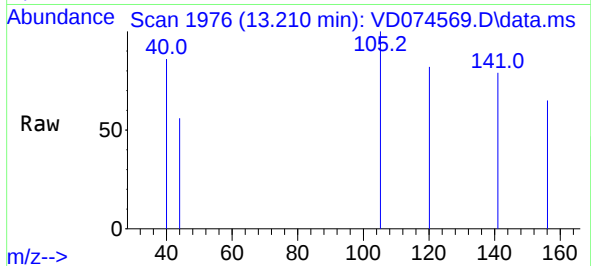




#85
 sec-Butylbenzene
 Concen: 1.014 ug/l
 RT: 13.210 min Scan# 1998
 Delta R.T. -0.129 min
 Lab File: VD074569.D
 Acq: 18 Oct 2022 17:02

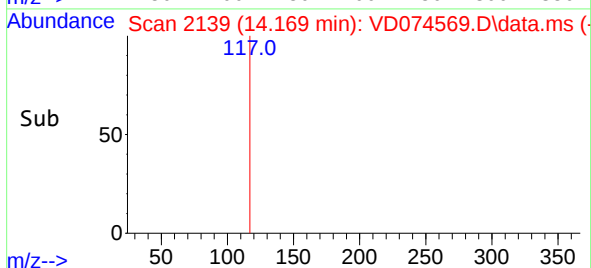
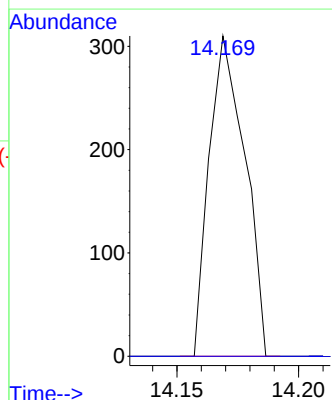
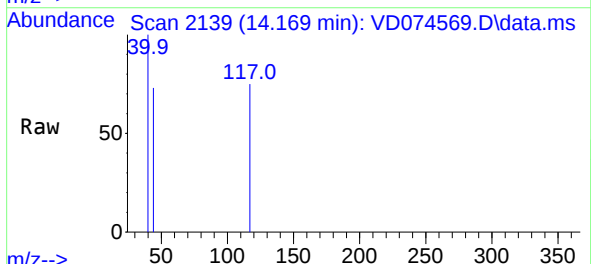
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822

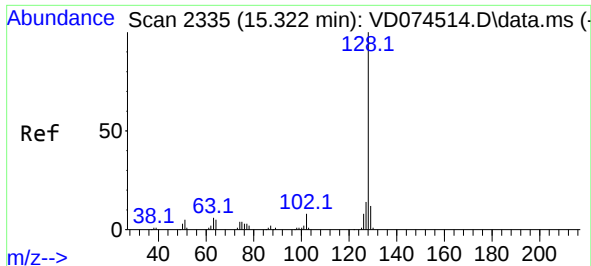
Tgt Ion:105 Resp: 572
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#90
 Hexachloroethane
 Concen: 3.821 ug/l
 RT: 14.169 min Scan# 2139
 Delta R.T. 0.124 min
 Lab File: VD074569.D
 Acq: 18 Oct 2022 17:02

Tgt Ion:117 Resp: 316
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.0 114.0#





#95

Naphthalene

Concen: 2.510 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074569.D

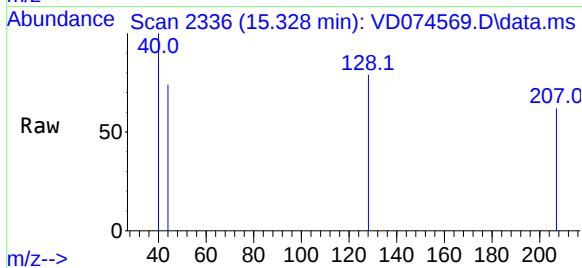
Acq: 18 Oct 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101822



Tgt Ion:128 Resp: 643

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.3 12.5#

