

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074540.D
 Acq On : 17 Oct 2022 13:07
 Operator : VA/SY
 Sample : VD1017SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBL01

Quant Time: Oct 17 23:07:59 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)

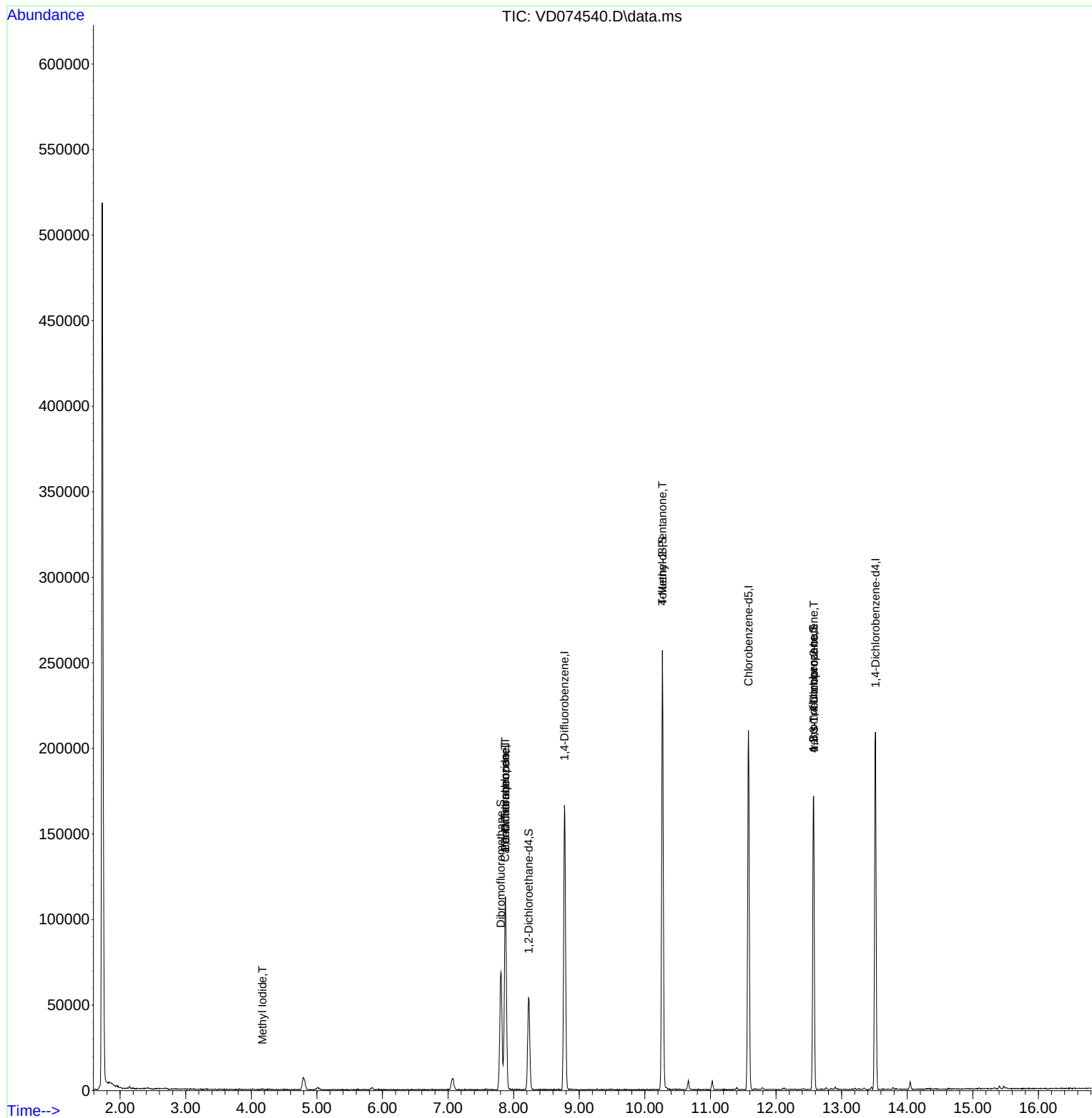
Internal Standards						
1) Pentafluorobenzene	7.875	168	91214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	159481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42454	54.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.804	113	50535	52.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.269	98	179540	49.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.569	95	51125	45.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.100%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	614	5.663	ug/l #	55
11) Tert butyl alcohol	5.010	59	442	Below Cal	#	84
20) Methylene Chloride	4.793	84	6502	Below Cal	#	87
36) 1,1-Dichloropropene	7.875	75	6427	4.199	ug/l #	47
38) Carbon Tetrachloride	7.869	117	8746	6.180	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	565	1.237	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26543	51.344	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	26543	130.240	ug/l #	17

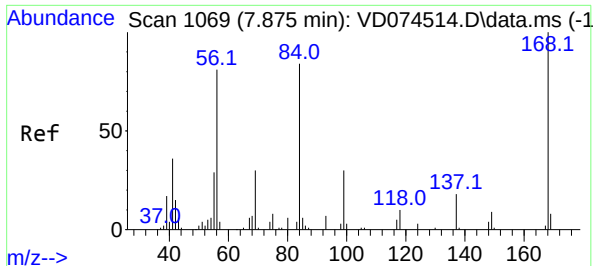
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
Data File : VD074540.D
Acq On : 17 Oct 2022 13:07
Operator : VA/SY
Sample : VD1017SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

Quant Time: Oct 17 23:07:59 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

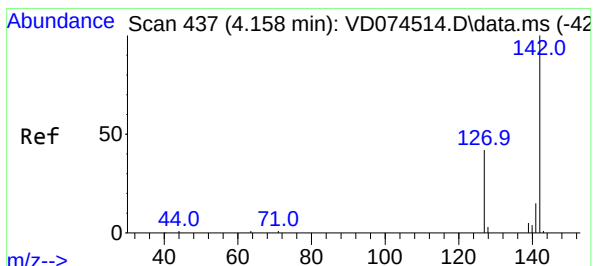
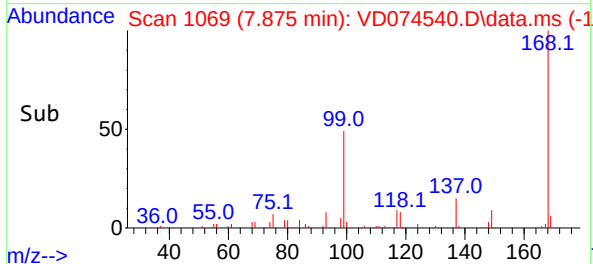
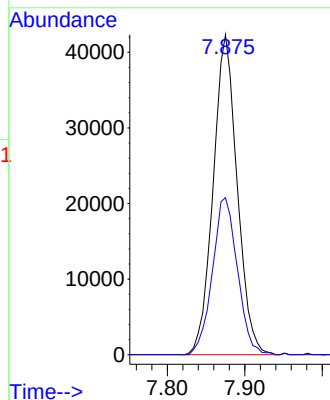
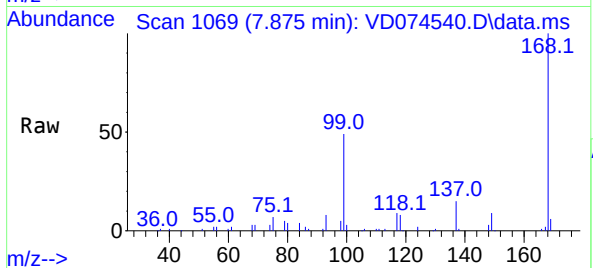




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

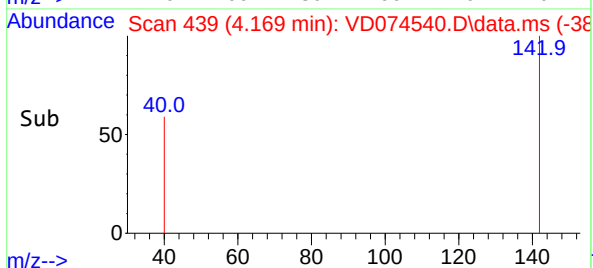
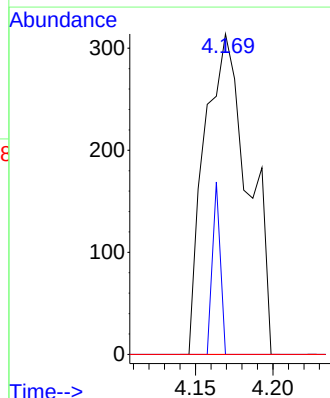
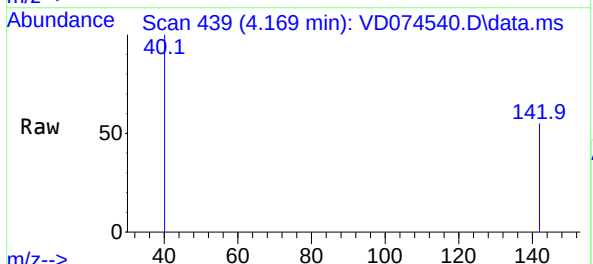
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

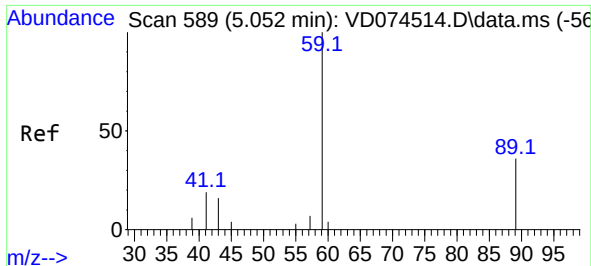
Tgt Ion:168 Resp: 91214
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.663 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Tgt Ion:142 Resp: 614
Ion Ratio Lower Upper
142 100
127 9.8 31.9 47.9#
141 0.0 11.4 17.2#

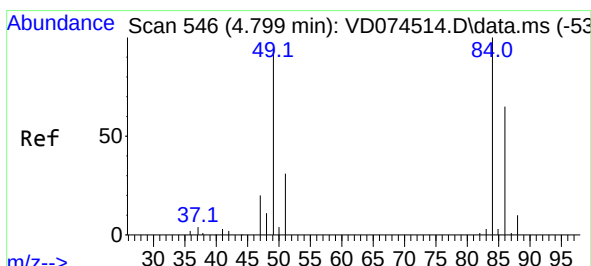
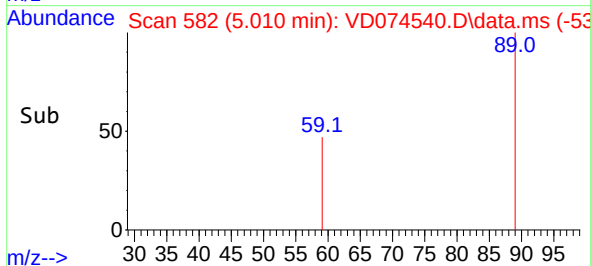
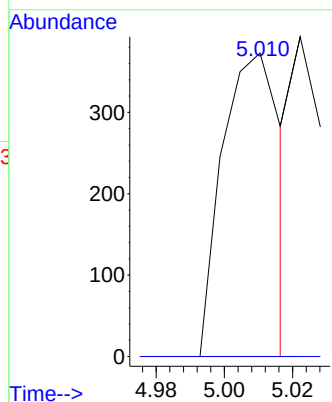
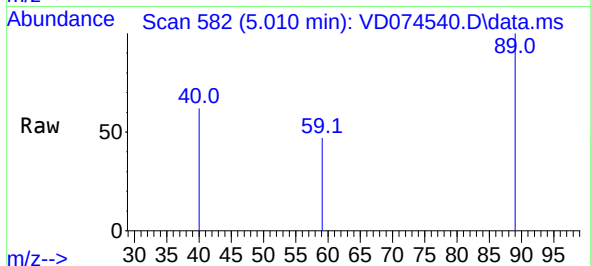




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

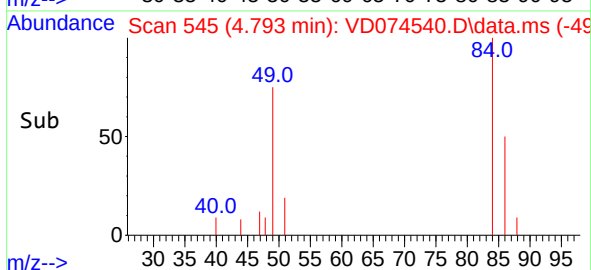
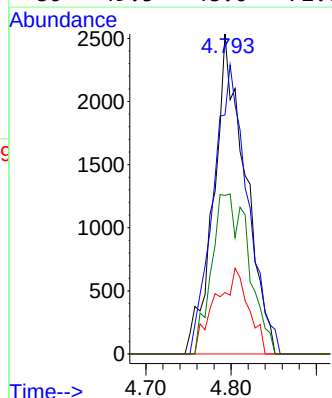
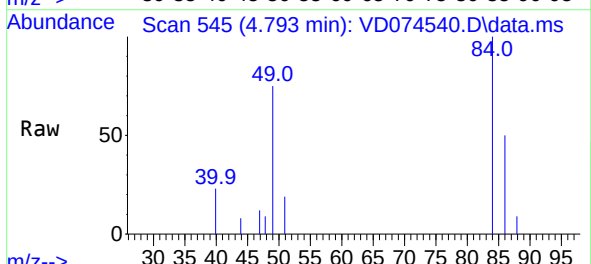
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

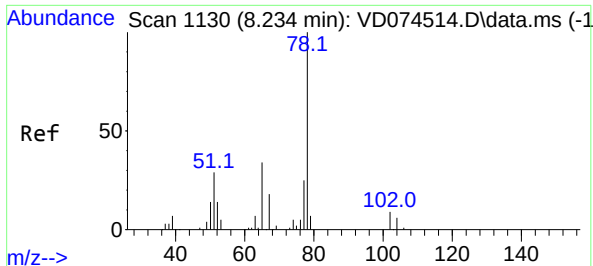
Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Tgt Ion: 84 Resp: 6502
Ion Ratio Lower Upper
84 100
49 74.7 68.0 102.0
51 19.2 23.2 34.8#
86 49.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 54.073 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074540.D

Acq: 17 Oct 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

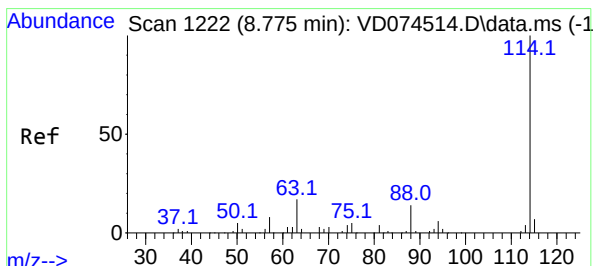
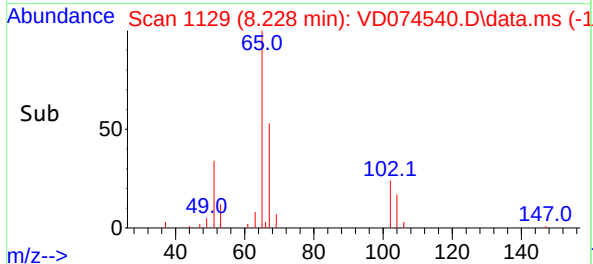
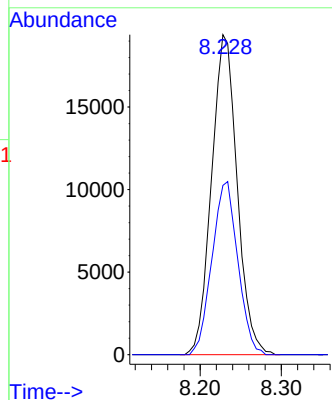
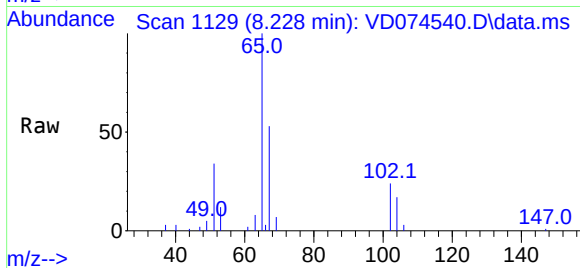
VD1017SBL01

Tgt Ion: 65 Resp: 42454

Ion Ratio Lower Upper

65 100

67 54.5 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: VD074540.D

Acq: 17 Oct 2022 13:07

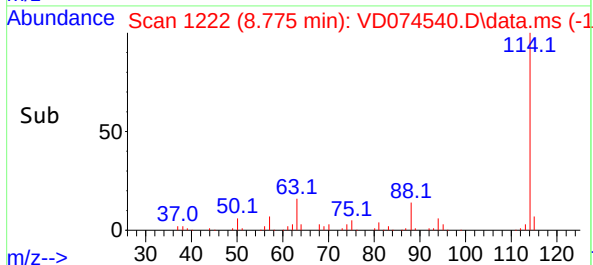
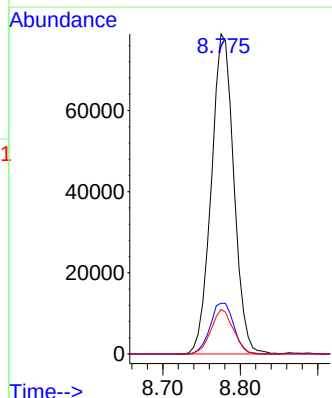
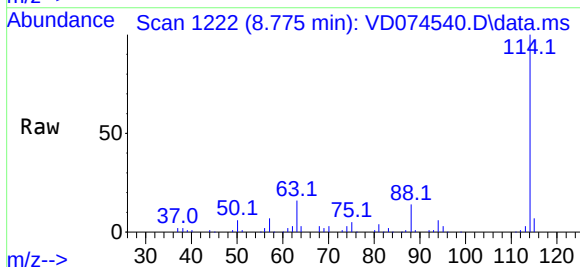
Tgt Ion: 114 Resp: 159481

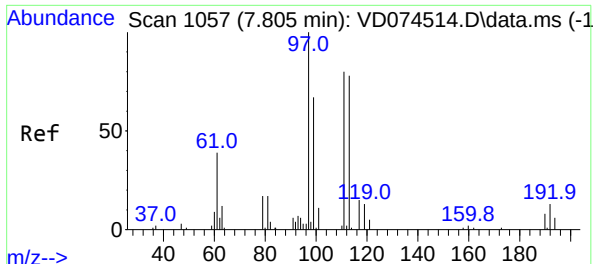
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 13.9 0.0 28.2

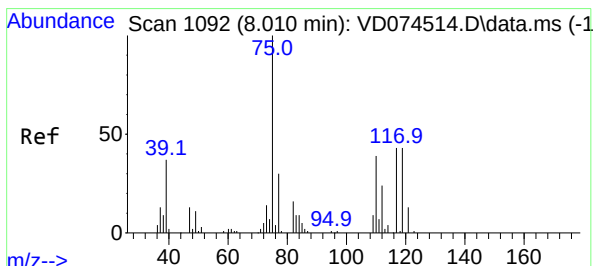
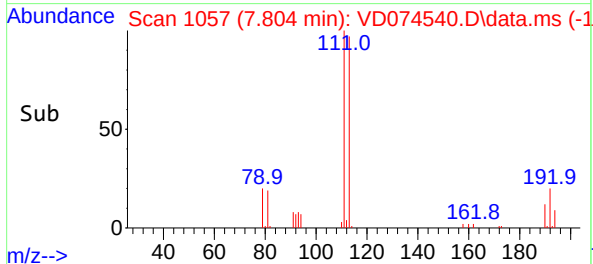
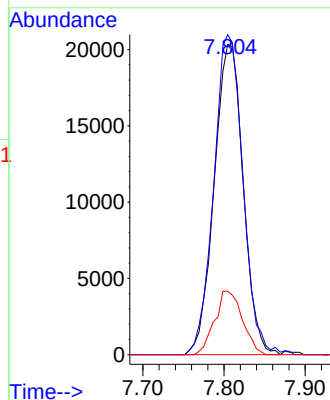
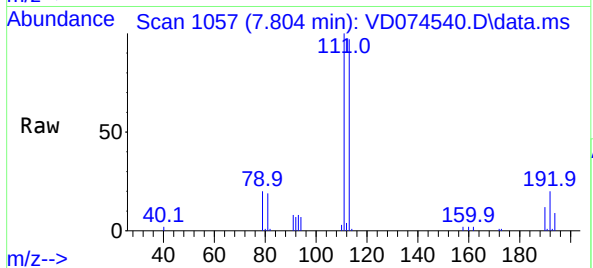




#35
Dibromofluoromethane
Concen: 52.757 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

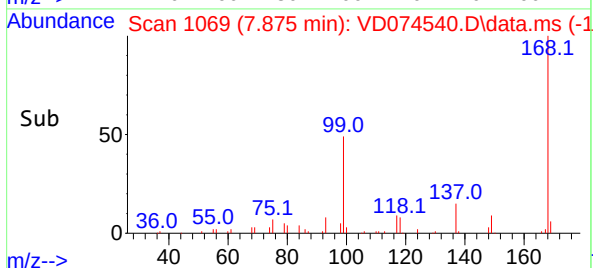
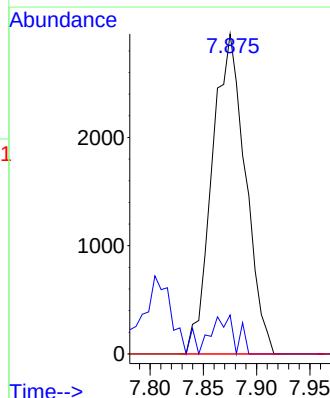
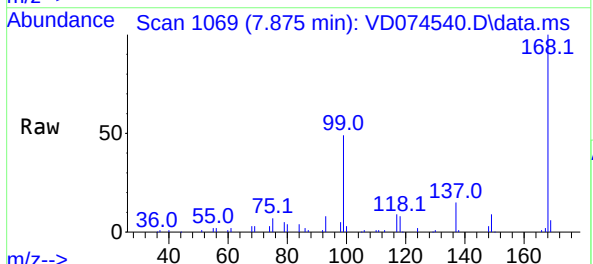
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

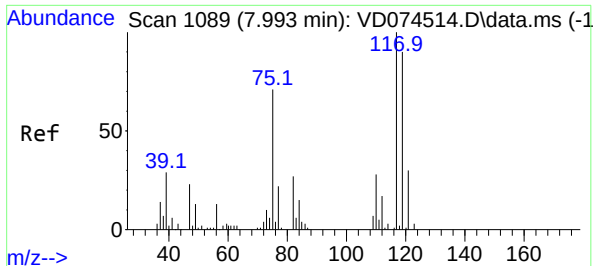
Tgt Ion:	113	Resp:	50535
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.3	123.5
192	19.5	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

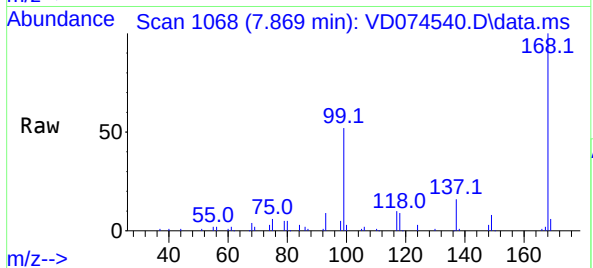
Tgt Ion:	75	Resp:	6427
Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.7	59.0#
77	0.0	25.4	38.2#



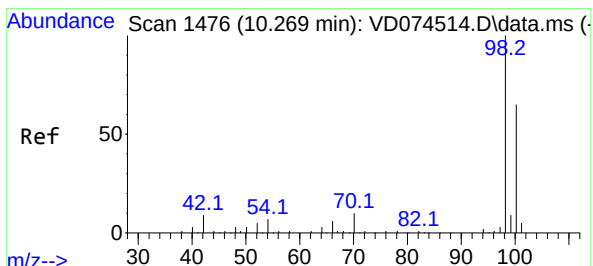
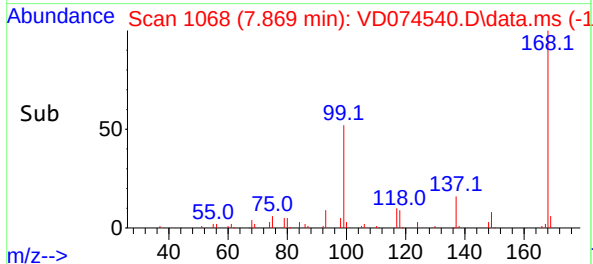
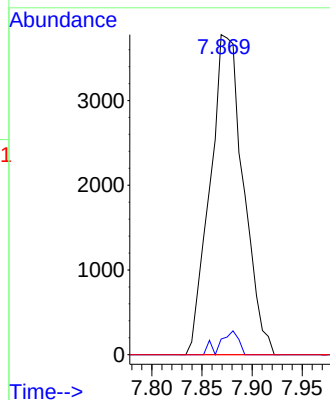


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

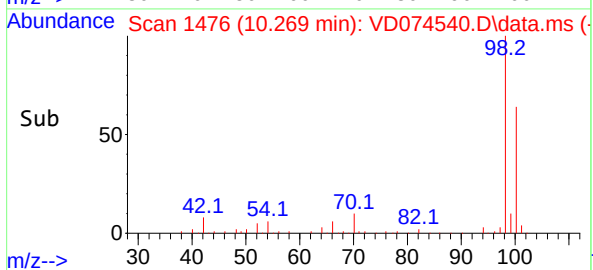
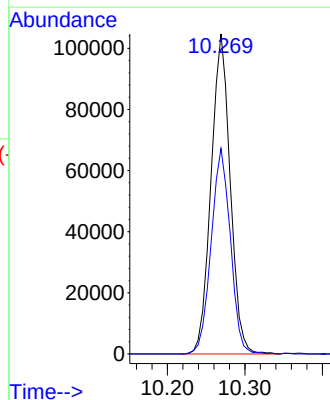
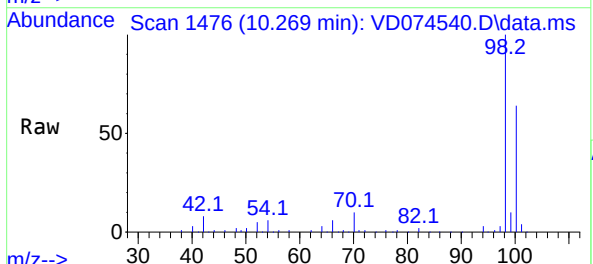


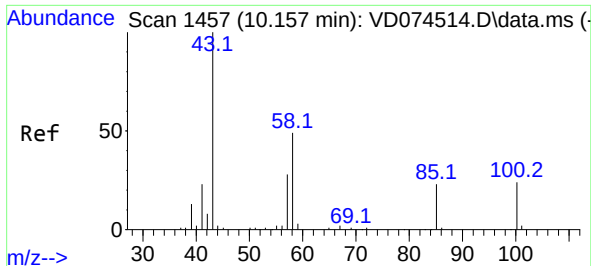
Tgt Ion:117 Resp: 8746
Ion Ratio Lower Upper
117 100
119 4.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Tgt Ion: 98 Resp: 179540
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.237 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074540.D

Acq: 17 Oct 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

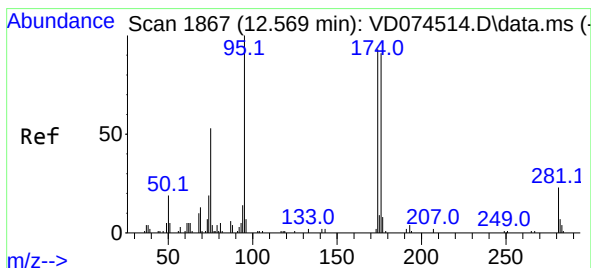
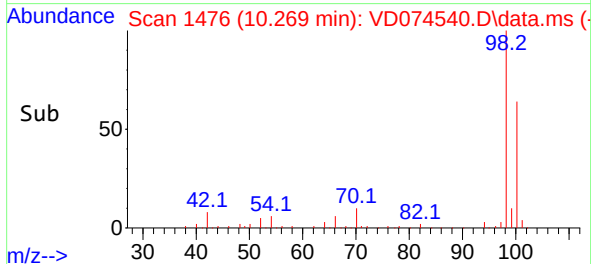
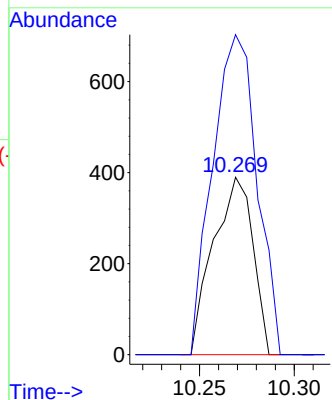
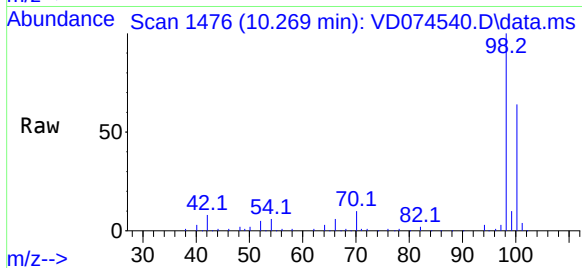
VD1017SBL01

Tgt Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

58 202.1 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 45.048 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074540.D

Acq: 17 Oct 2022 13:07

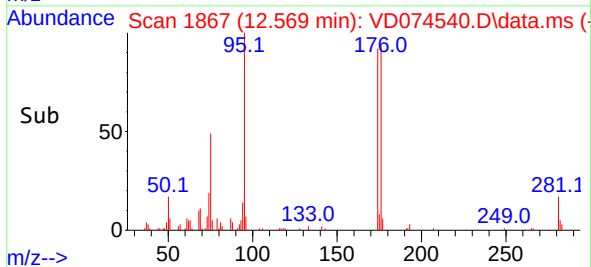
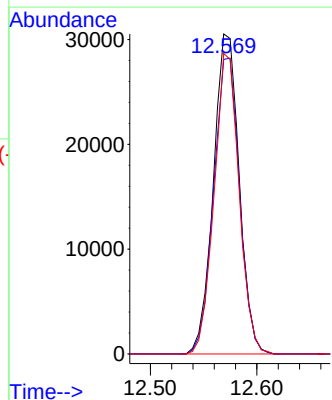
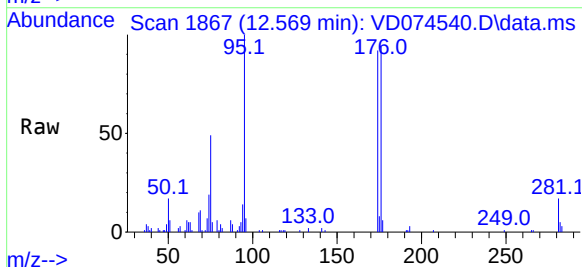
Tgt Ion: 95 Resp: 51125

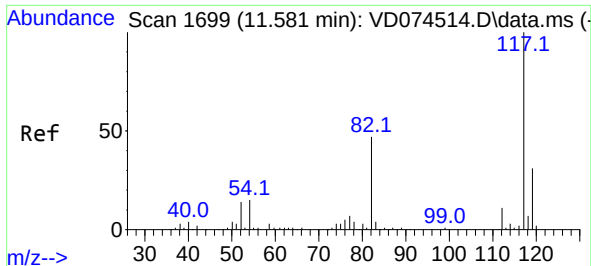
Ion Ratio Lower Upper

95 100

174 93.5 0.0 197.0

176 90.9 0.0 182.6

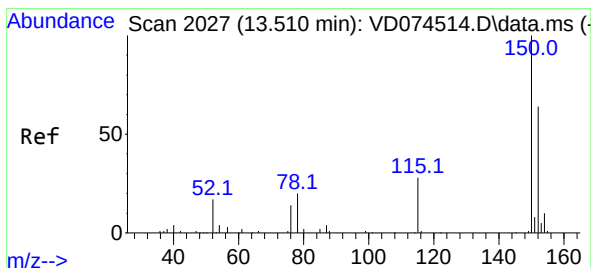
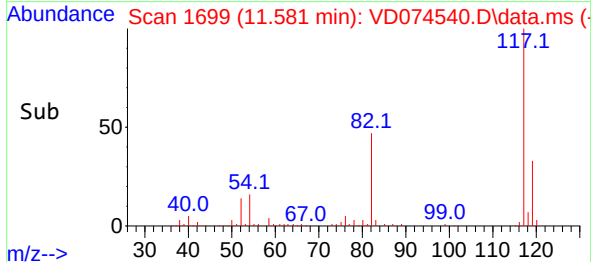
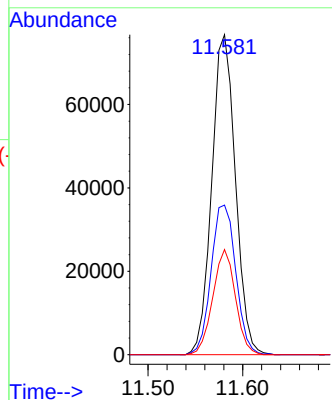
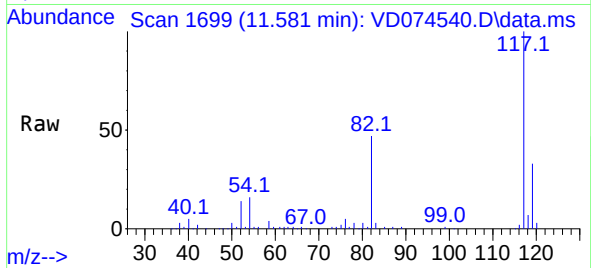




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

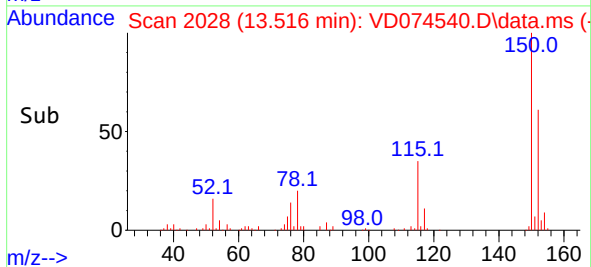
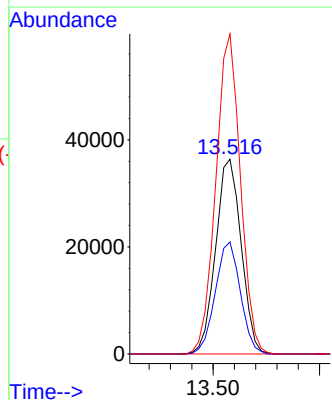
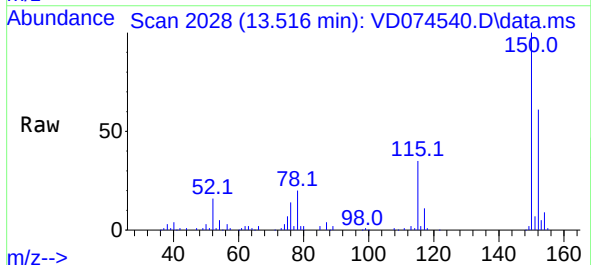
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

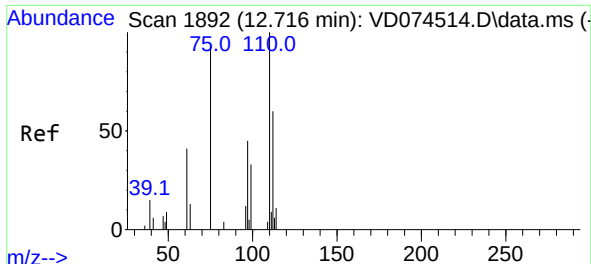
Tgt Ion:117 Resp: 133038
Ion Ratio Lower Upper
117 100
82 46.8 41.6 62.4
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Tgt Ion:152 Resp: 60491
Ion Ratio Lower Upper
152 100
115 56.4 26.8 80.4
150 158.3 0.0 348.2

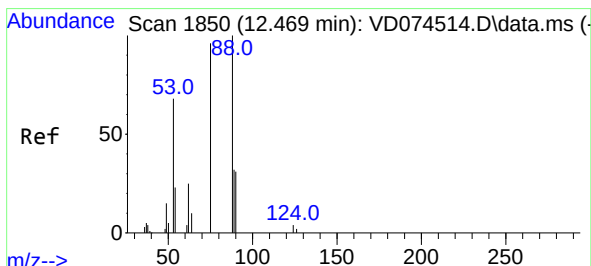
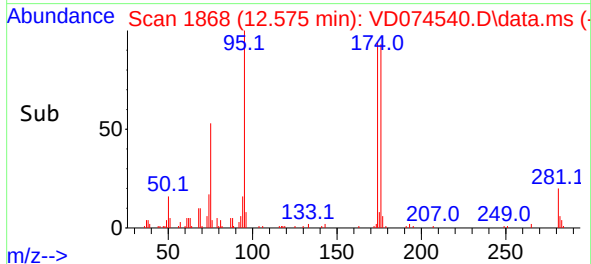
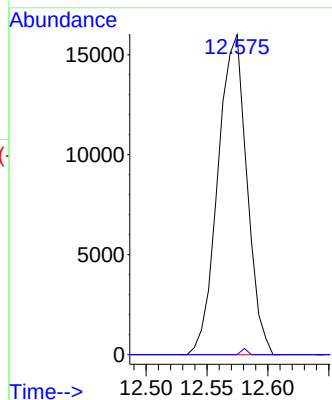
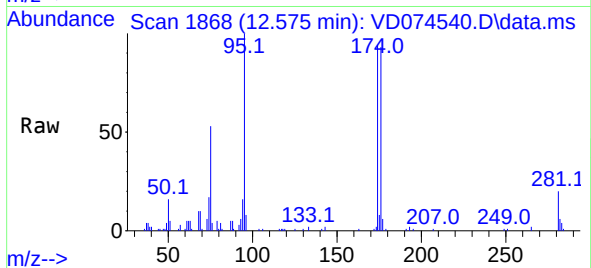




#76
1,2,3-Trichloropropane
Concen: 51.344 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBL01

Tgt Ion: 75 Resp: 26543
Ion Ratio Lower Upper
75 100
77 0.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.240 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074540.D
Acq: 17 Oct 2022 13:07

Tgt Ion: 75 Resp: 26543
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.2 38.2 57.4#

