

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076170.D
 Acq On : 22 May 2023 11:54
 Operator : KP/SY
 Sample : VD0522SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBL01

Quant Time: May 22 14:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

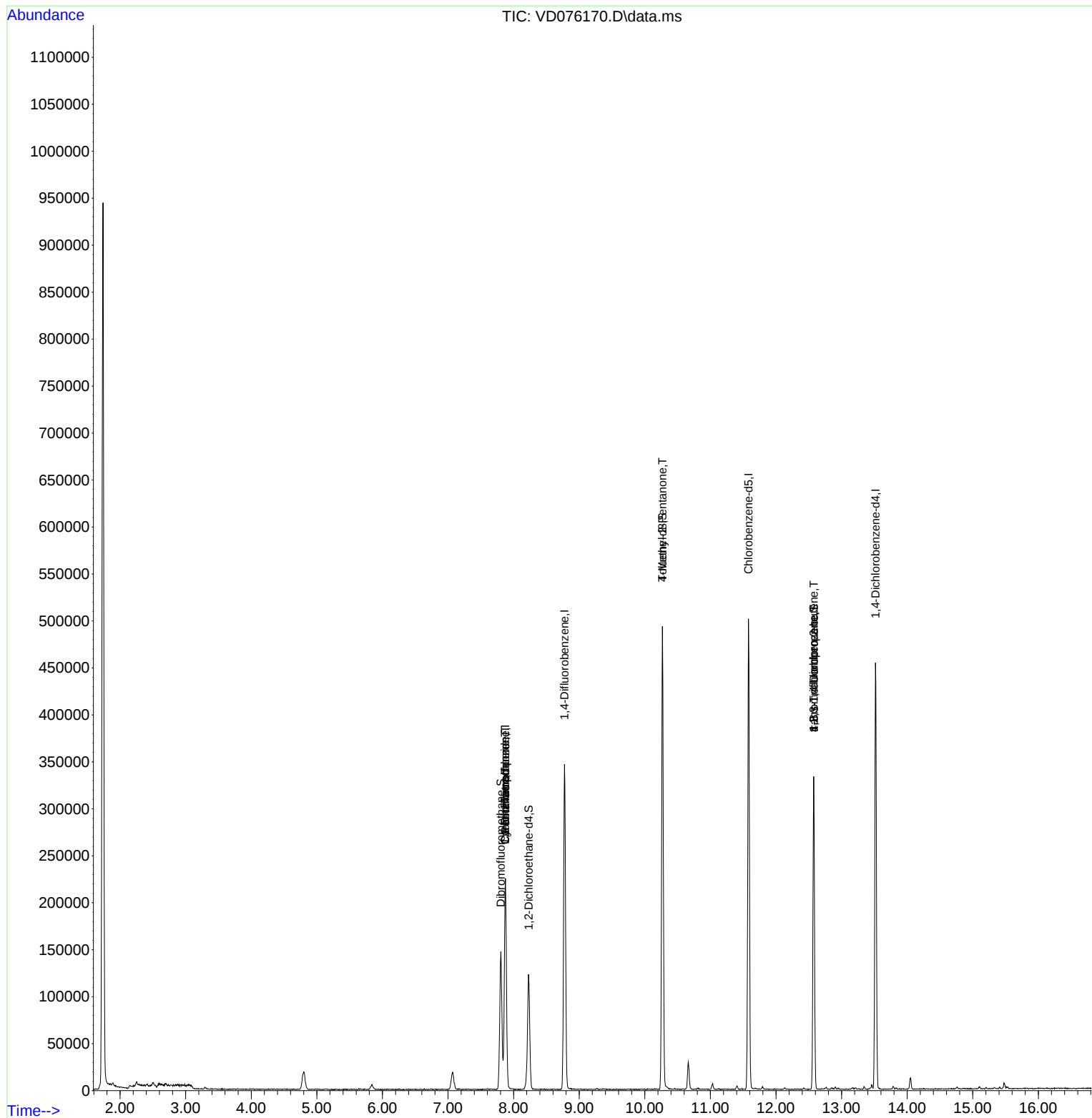
Internal Standards						
1) Pentafluorobenzene	7.875	168	178811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93147	53.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.805	113	105502	45.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.400%	
50) Toluene-d8	10.269	98	358443	39.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.780%	
62) 4-Bromofluorobenzene	12.575	95	94854	37.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	839	Below Cal	#	40
17) Carbon Disulfide	4.264	76	124	Below Cal	#	73
20) Methylene Chloride	4.799	84	17141	Below Cal	#	81
31) Cyclohexane	7.869	56	3804	1.437	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13631	4.324	ug/l #	50
38) Carbon Tetrachloride	7.869	117	16772	5.890	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1114	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	46852	40.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	46852	84.911	ug/l #	5

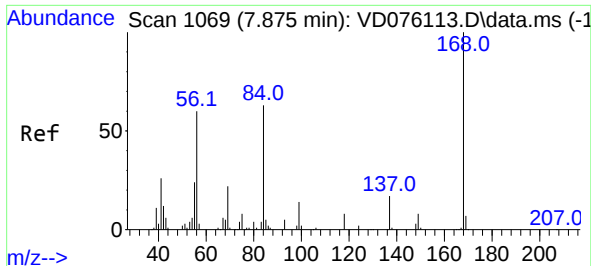
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076170.D
Acq On : 22 May 2023 11:54
Operator : KP/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

Quant Time: May 22 14:21:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

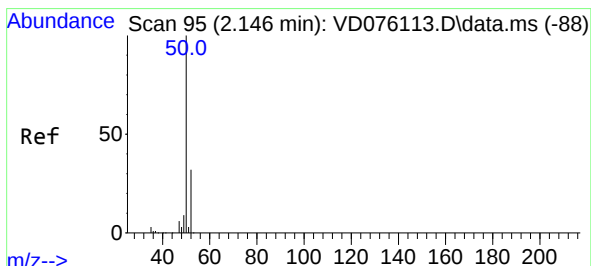
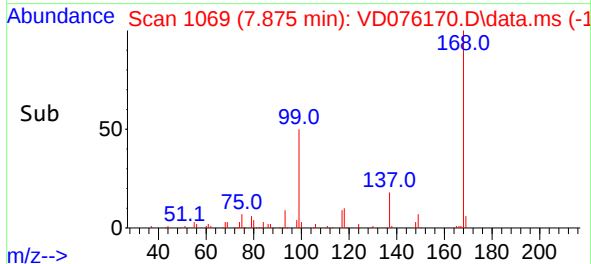
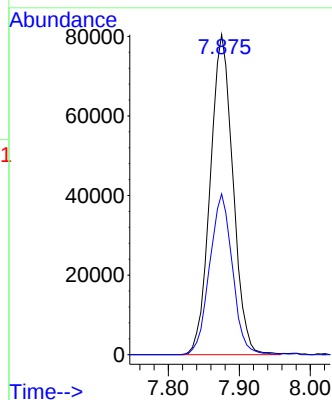
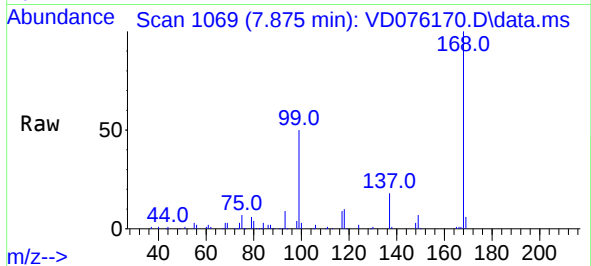




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

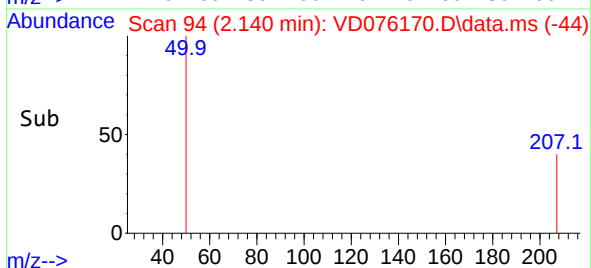
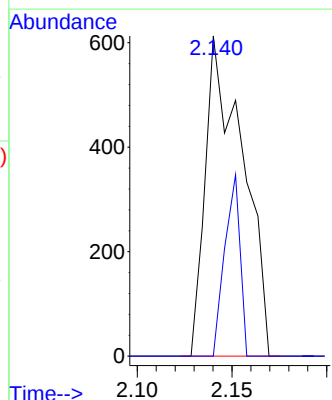
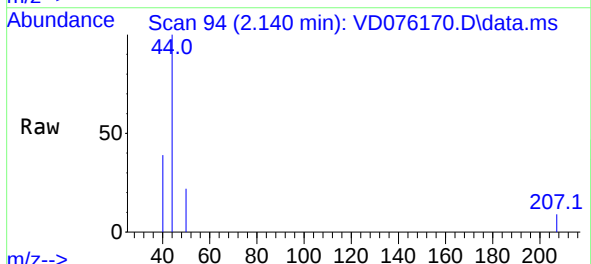
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

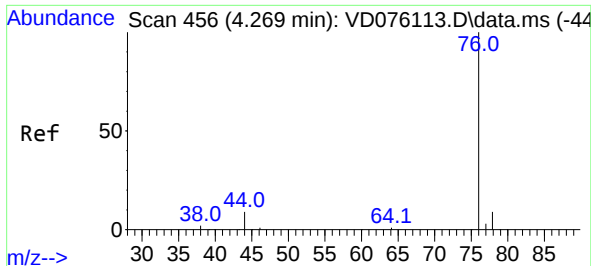
Tgt Ion:168 Resp: 178811
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion: 50 Resp: 839
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

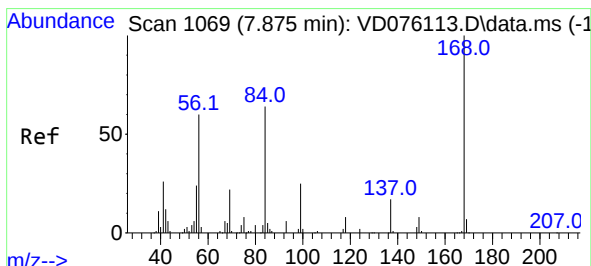
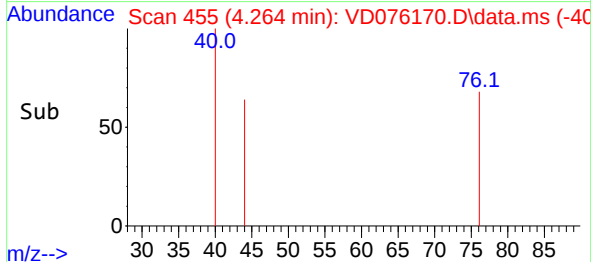
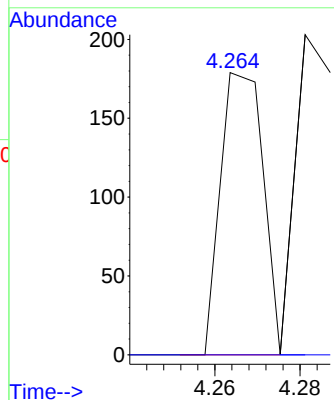
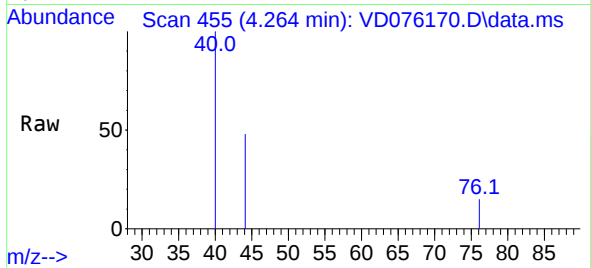




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

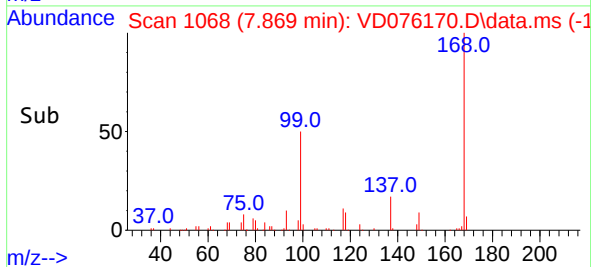
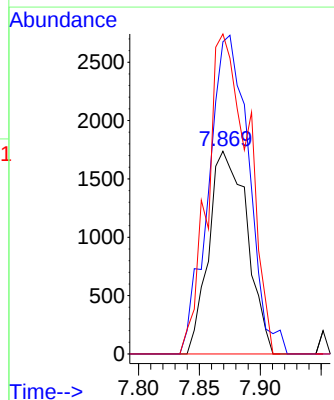
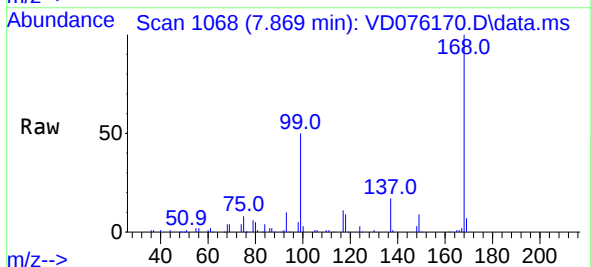
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

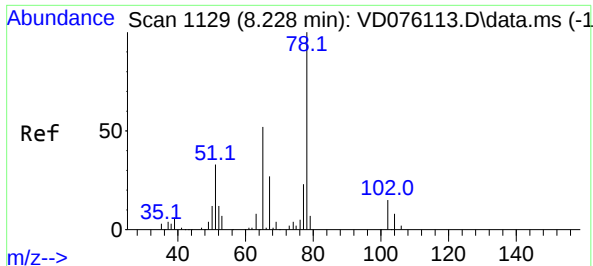
Tgt Ion: 76 Resp: 124
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion: 56 Resp: 3804
Ion Ratio Lower Upper
56 100
69 154.0 25.5 38.3#
84 157.9 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 53.899 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076170.D

Acq: 22 May 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

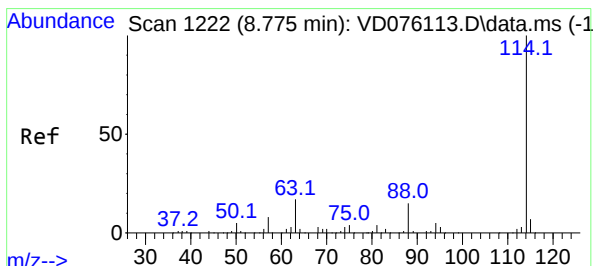
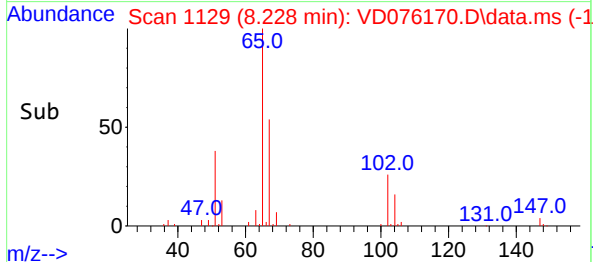
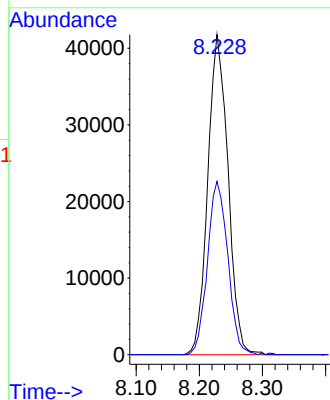
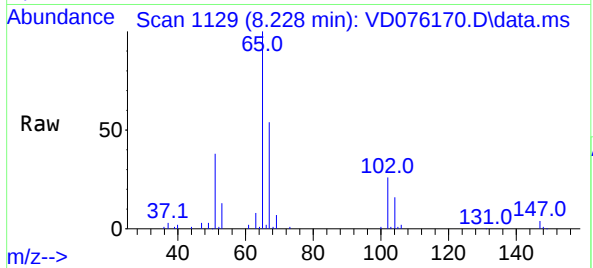
VD0522SBL01

Tgt Ion: 65 Resp: 93147

Ion Ratio Lower Upper

65 100

67 54.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076170.D

Acq: 22 May 2023 11:54

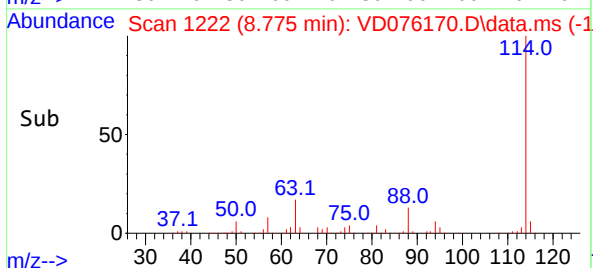
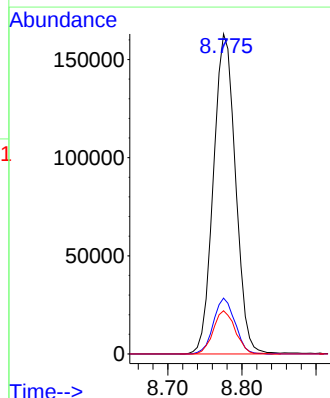
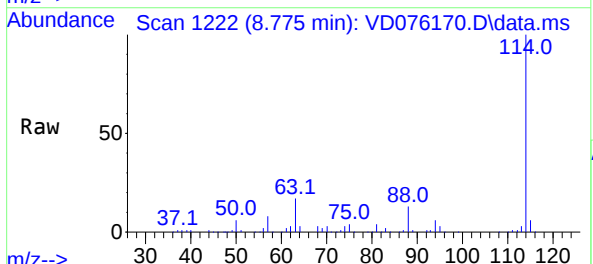
Tgt Ion: 114 Resp: 337717

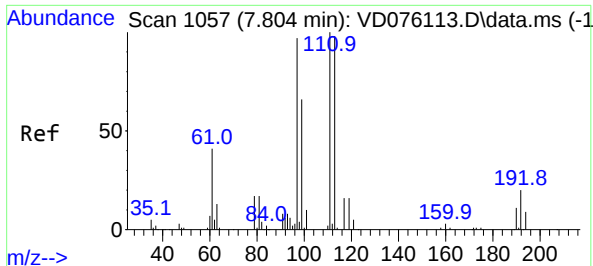
Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.195 ug/l

RT: 7.805 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076170.D

Acq: 22 May 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBL01

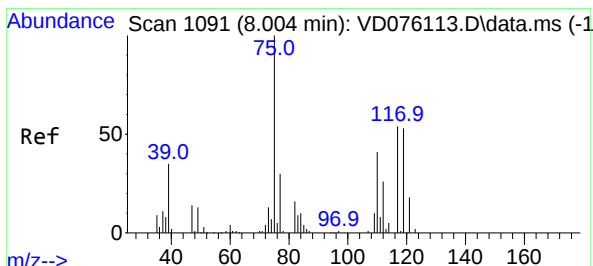
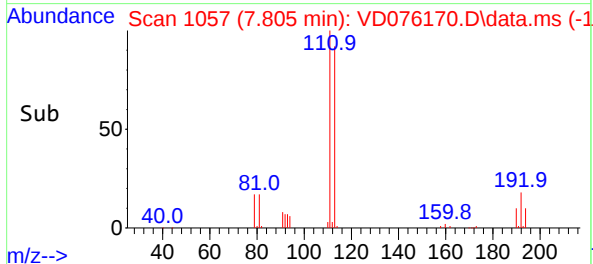
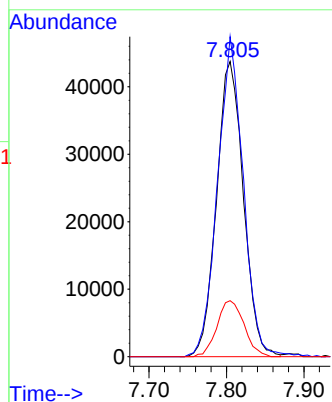
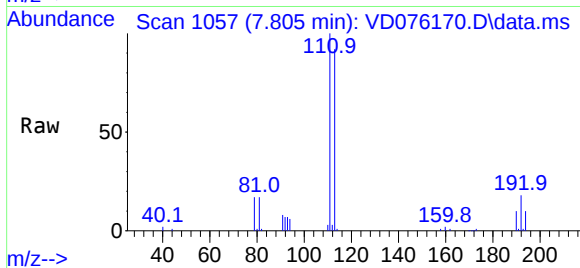
Tgt Ion:113 Resp: 105502

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 19.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076170.D

Acq: 22 May 2023 11:54

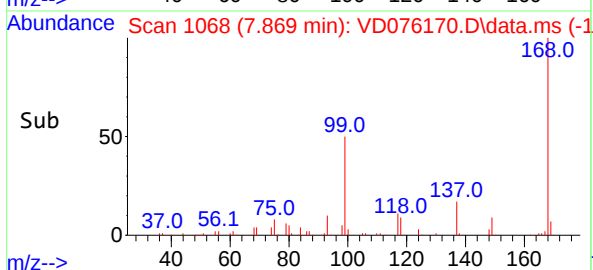
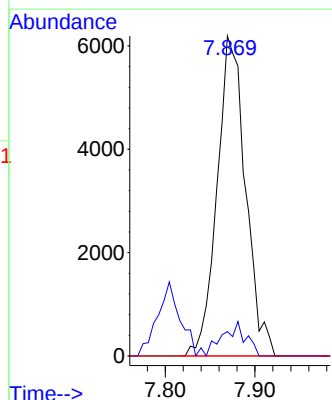
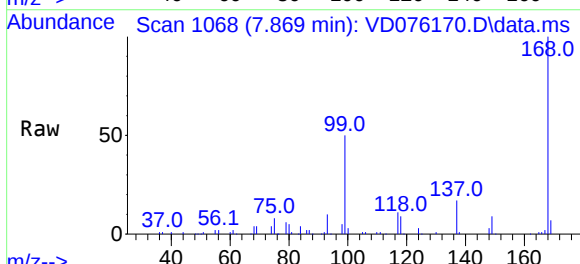
Tgt Ion: 75 Resp: 13631

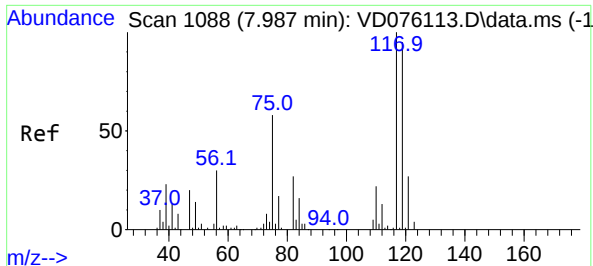
Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

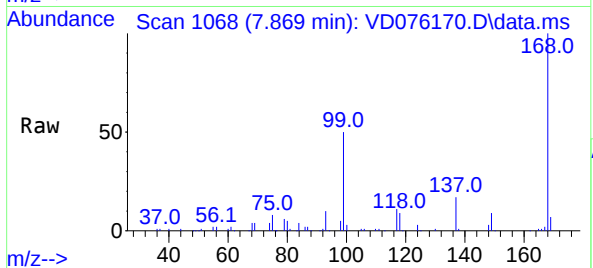
77 0.0 24.6 36.8#



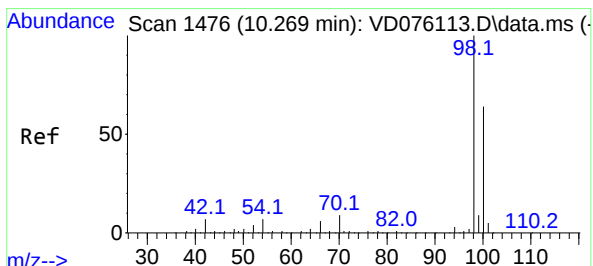
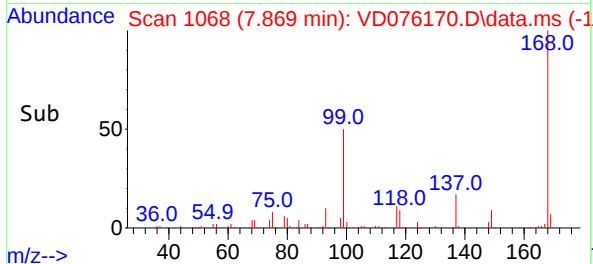
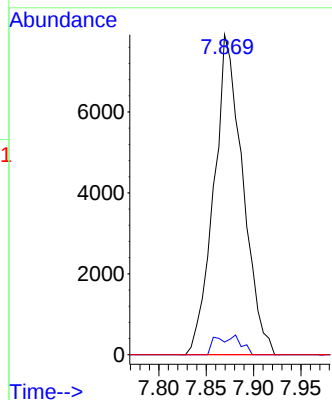


#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

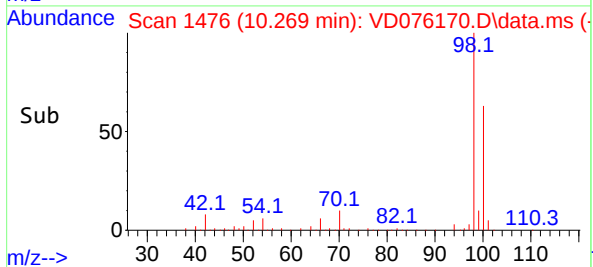
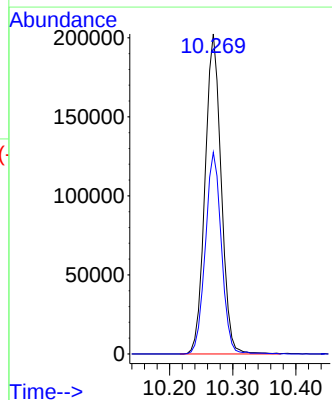
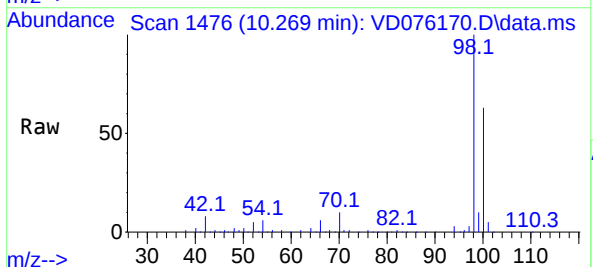


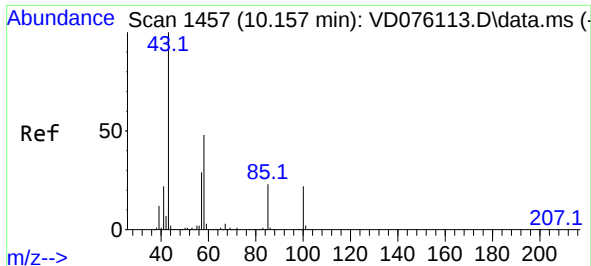
Tgt Ion:117 Resp: 16772
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 39.390 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion: 98 Resp: 358443
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

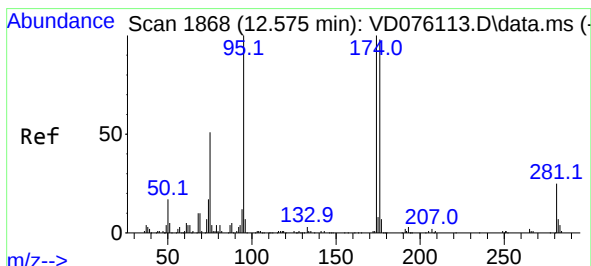
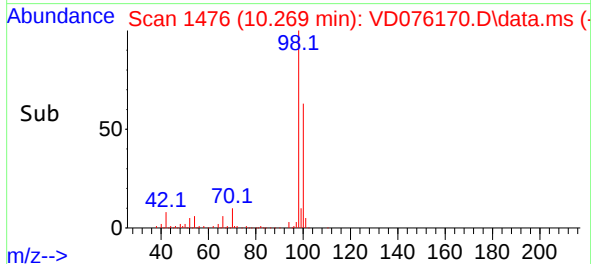
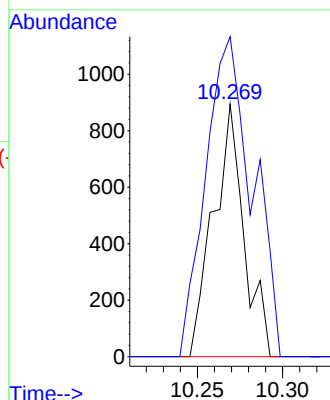
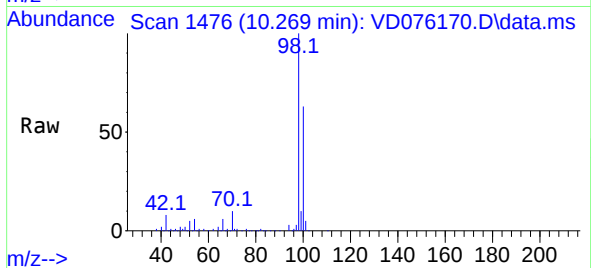




#51
4-Methyl-2-Pentanone
Concen: 1.027 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

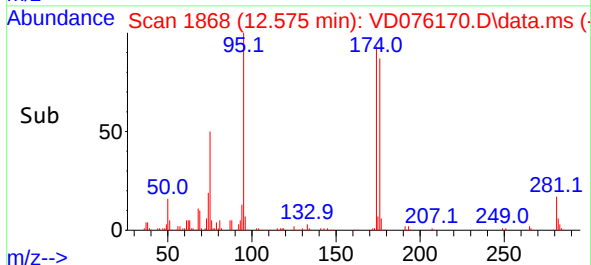
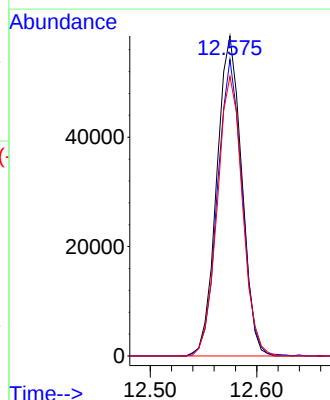
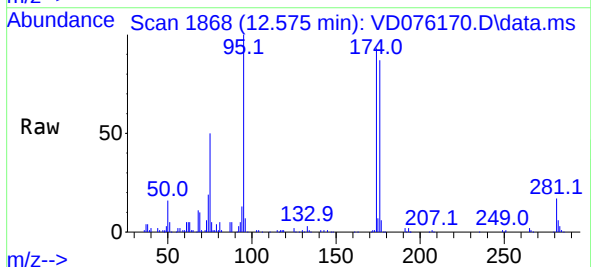
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

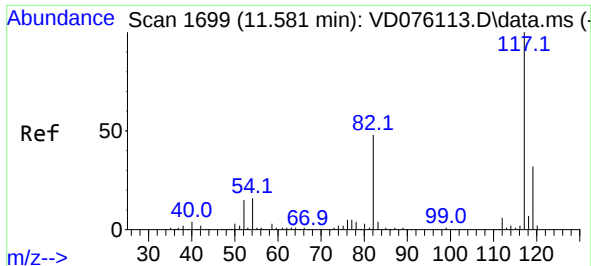
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 193.5 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 37.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion: 95 Resp: 94854
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.2 0.0 156.8

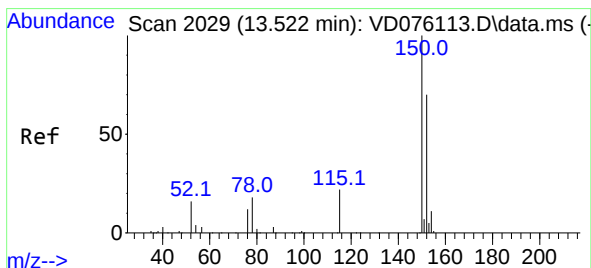
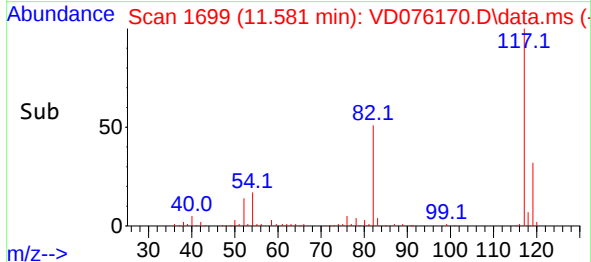
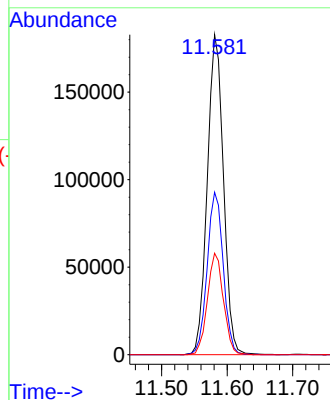
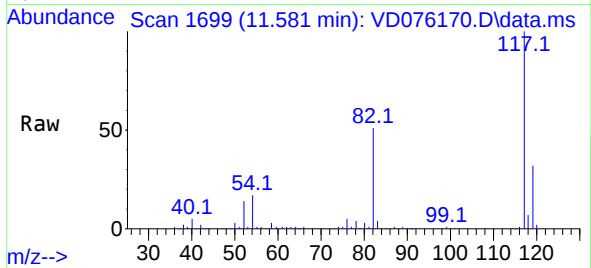




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

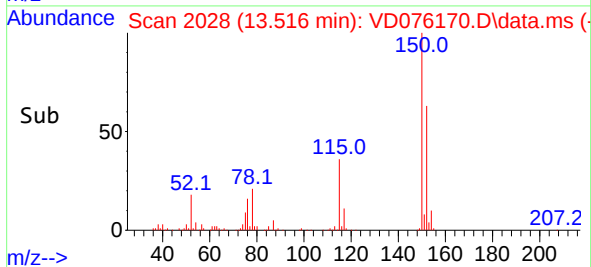
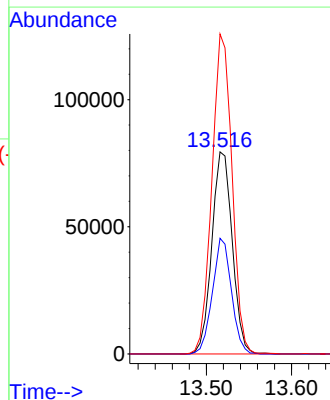
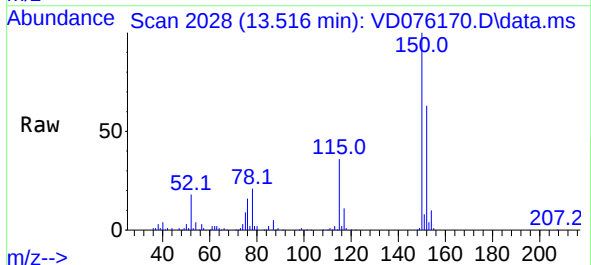
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

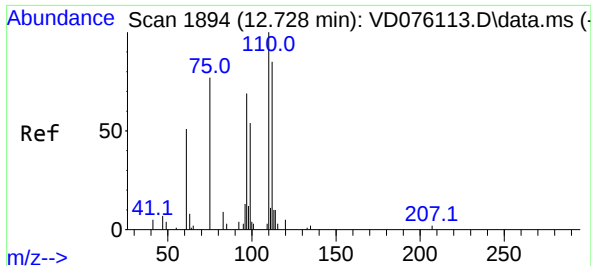
Tgt Ion:117 Resp: 314126
Ion Ratio Lower Upper
117 100
82 50.7 44.0 66.0
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion:152 Resp: 132277
Ion Ratio Lower Upper
152 100
115 53.3 30.1 90.3
150 155.8 0.0 364.8

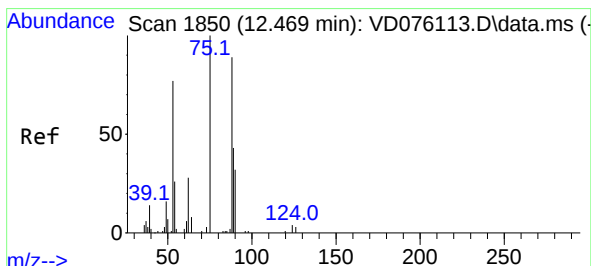
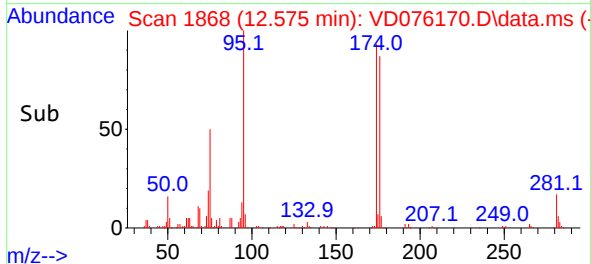
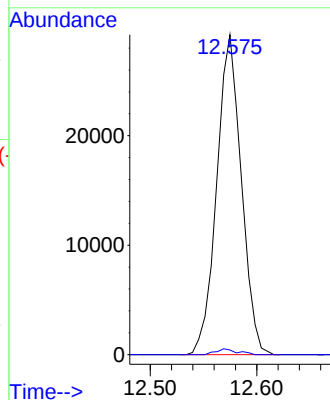
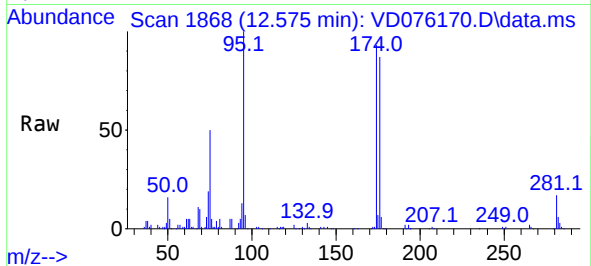




#76
1,2,3-Trichloropropane
Concen: 40.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBL01

Tgt Ion: 75 Resp: 46852
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.911 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076170.D
Acq: 22 May 2023 11:54

Tgt Ion: 75 Resp: 46852
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

