

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075136.D
 Acq On : 19 Jan 2023 12:45
 Operator : KP/SY
 Sample : VD0119SBL03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0119SBL03

Quant Time: Jan 20 00:36:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

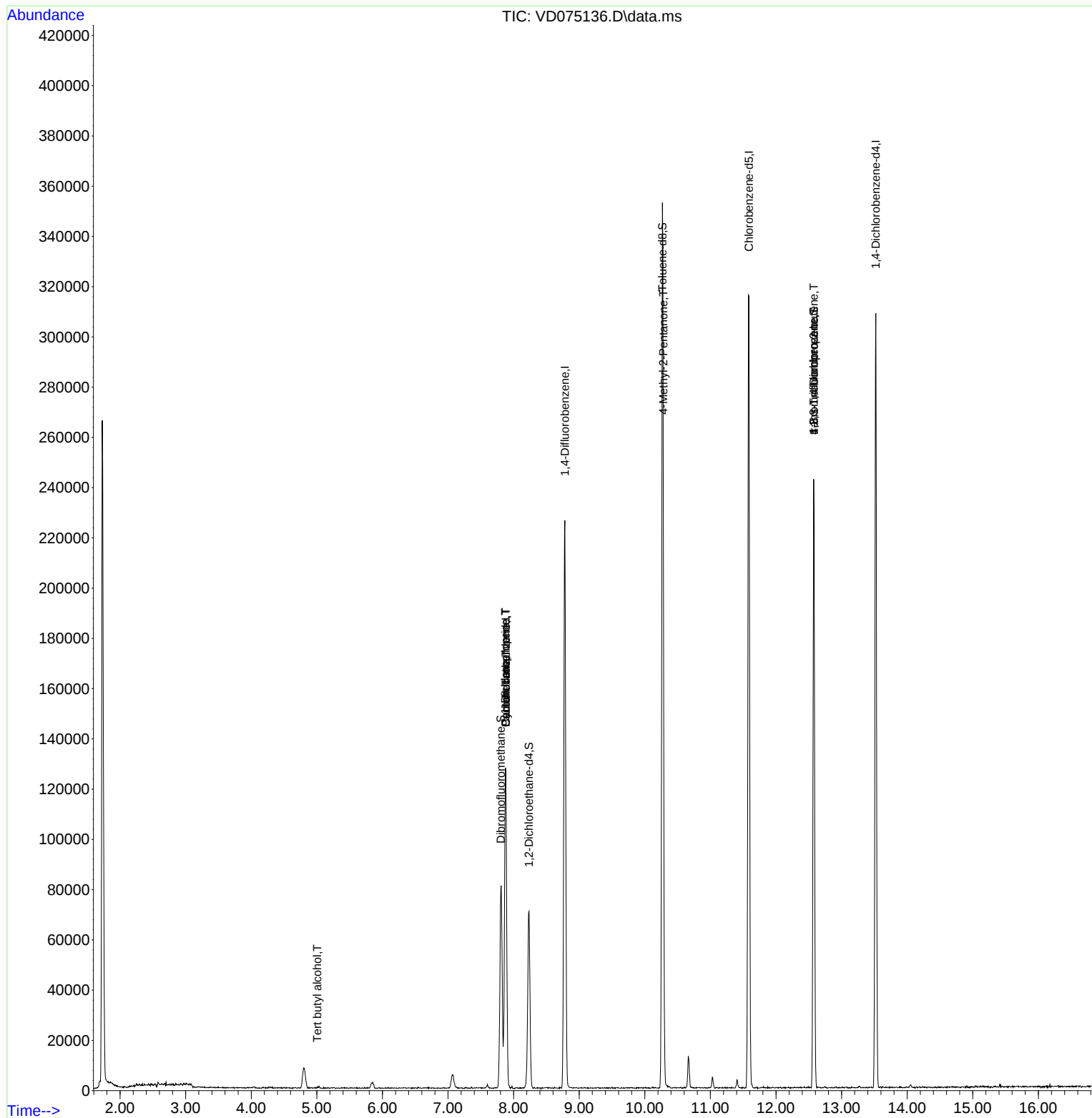
Internal Standards						
1) Pentafluorobenzene	7.881	168	96403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	185095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54257	55.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.805	113	60641	49.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.269	98	248841	52.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.575	95	77566	51.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.005	59	125	1.821	ug/l #	89
20) Methylene Chloride	4.811	84	6278	Below Cal		94
31) Cyclohexane	7.881	56	2489	1.262	ug/l #	3
36) 1,1-Dichloropropene	7.875	75	8304	4.256	ug/l #	48
38) Carbon Tetrachloride	7.881	117	9933	6.047	ug/l #	18
51) 4-Methyl-2-Pentanone	10.281	43	1099	1.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40673	61.121	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40673	141.774	ug/l #	14

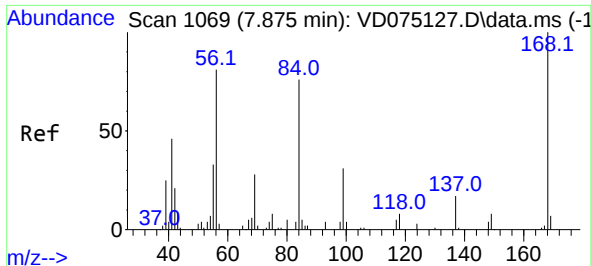
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VD0119SBL03

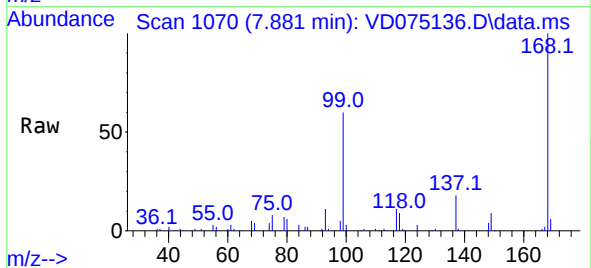
Quant Time: Jan 20 00:36:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



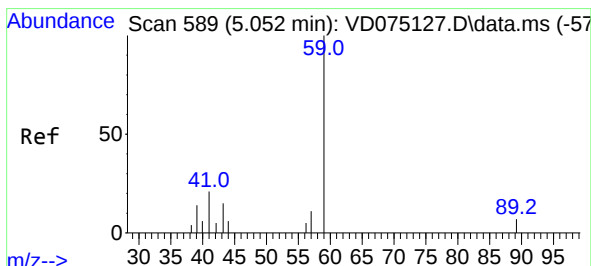
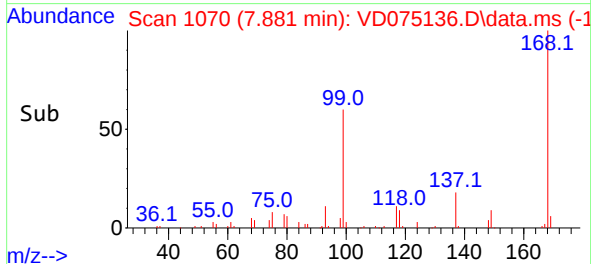
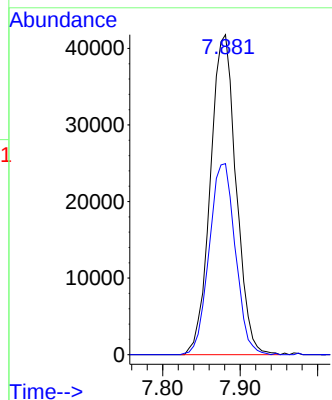


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

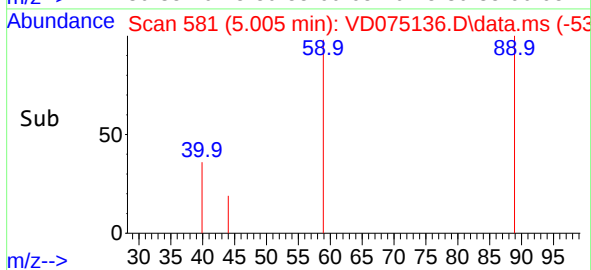
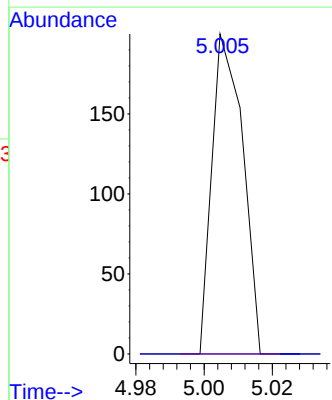
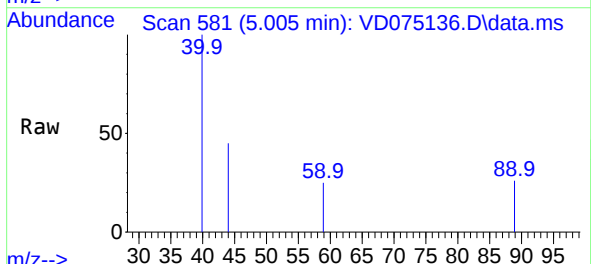


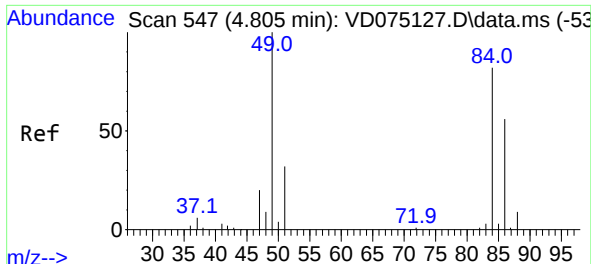
Tgt Ion:168 Resp: 96403
Ion Ratio Lower Upper
168 100
99 59.7 45.2 67.8



#11
Tert butyl alcohol
Concen: 1.821 ug/l
RT: 5.005 min Scan# 581
Delta R.T. -0.047 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



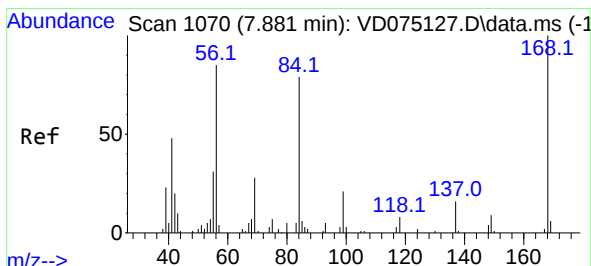
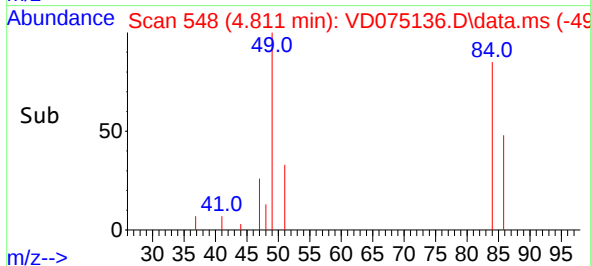
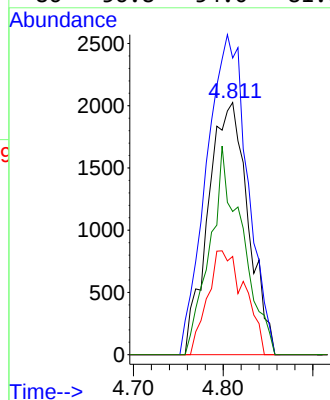
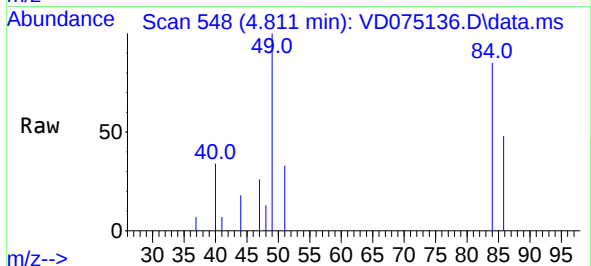


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

Tgt Ion: 84 Resp: 6278

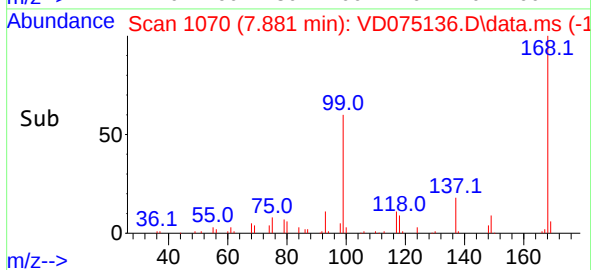
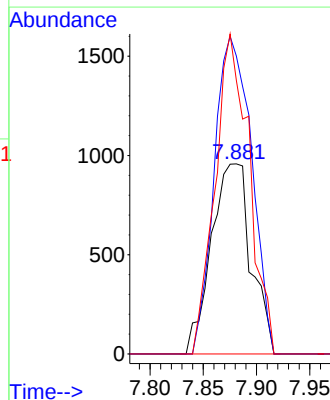
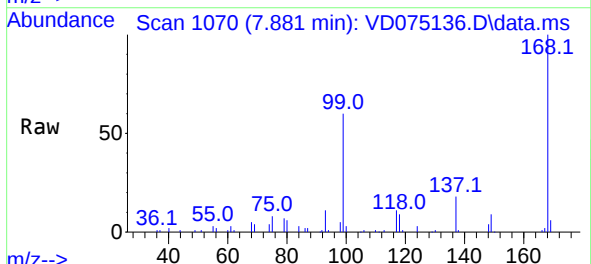
Ion	Ratio	Lower	Upper
84	100		
49	117.7	97.0	145.6
51	39.0	30.9	46.3
86	56.8	54.0	81.0

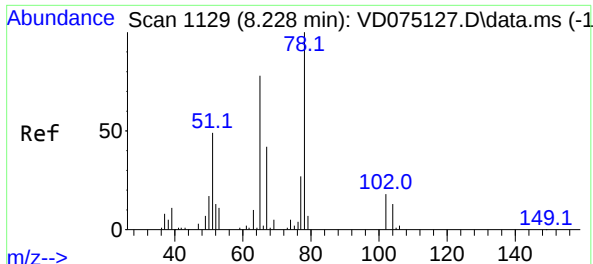


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 56 Resp: 2489

Ion	Ratio	Lower	Upper
56	100		
69	156.7	26.6	40.0#
84	143.8	74.1	111.1#

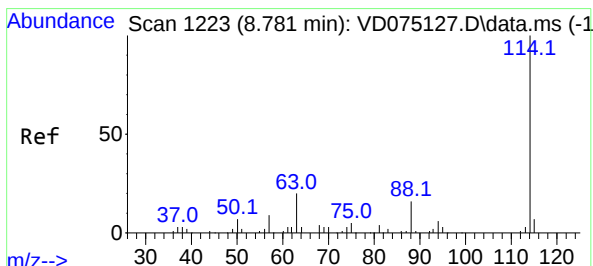
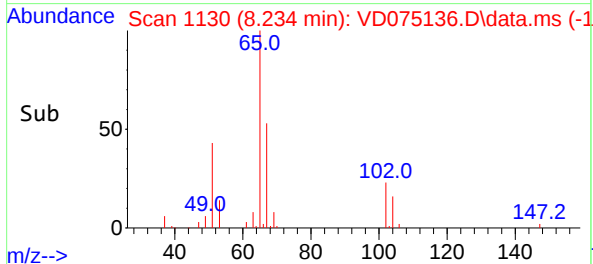
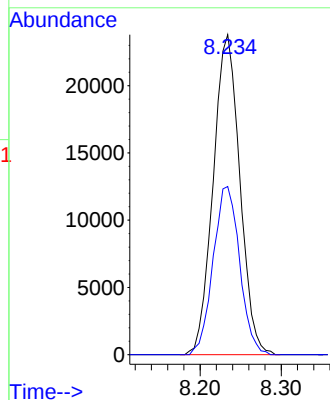
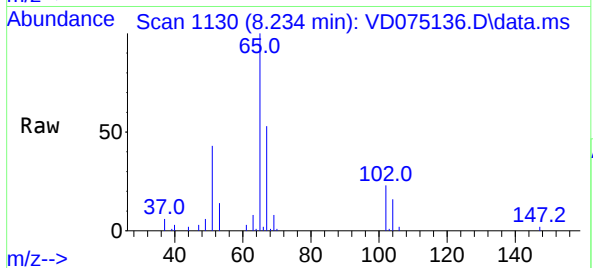




#33
1,2-Dichloroethane-d4
Concen: 55.155 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

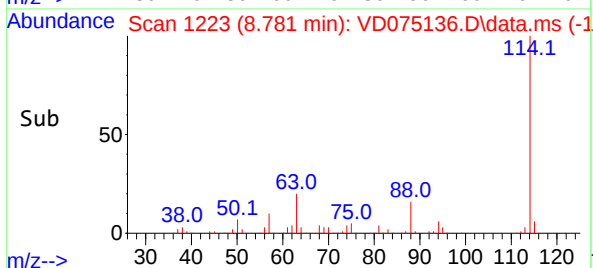
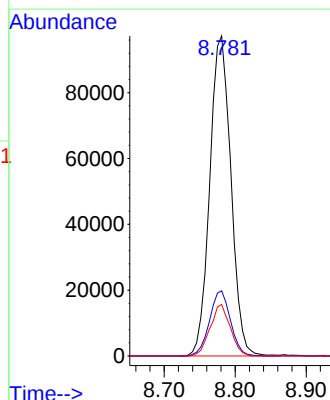
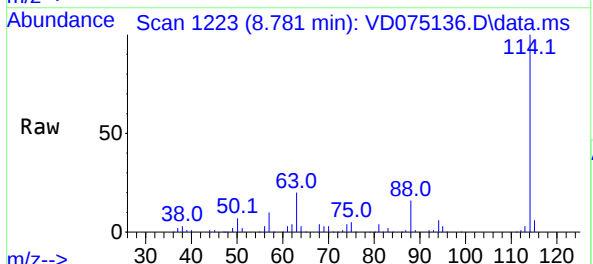
Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

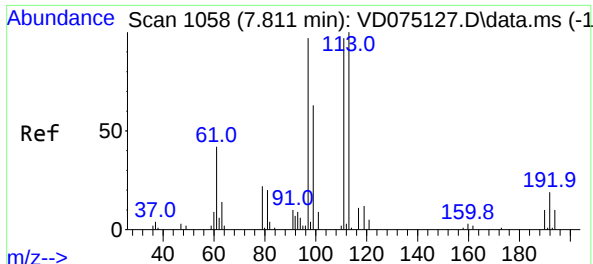
Tgt Ion: 65 Resp: 54257
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 114 Resp: 200951
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 16.1 0.0 32.2

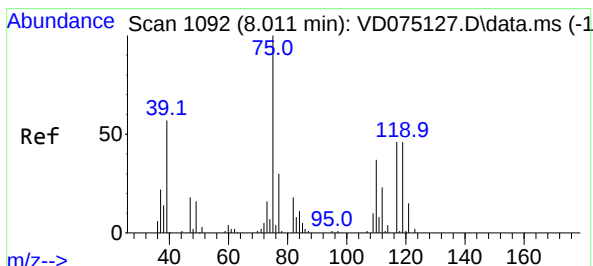
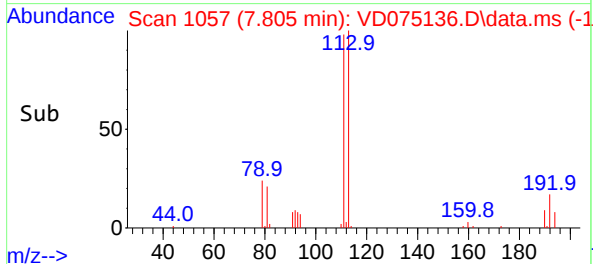
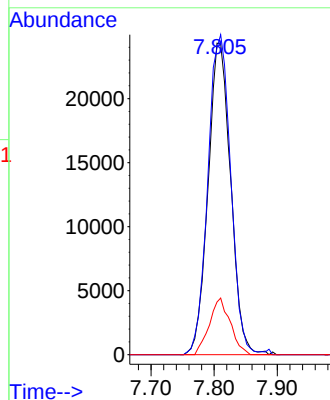
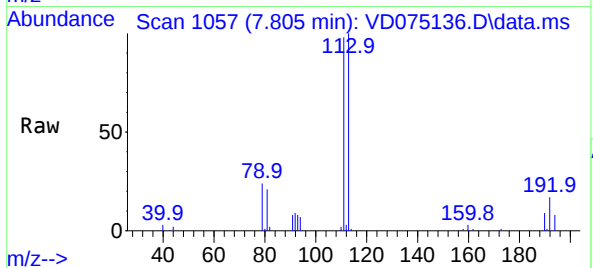




#35
Dibromofluoromethane
Concen: 49.940 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

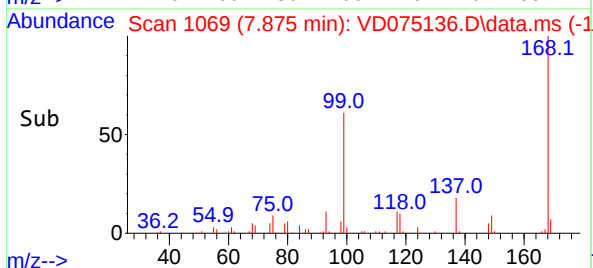
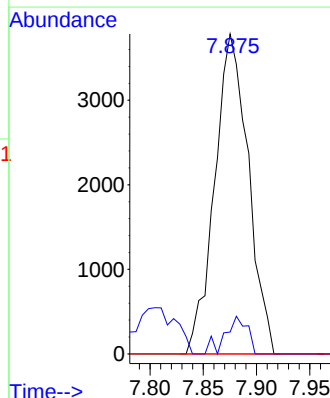
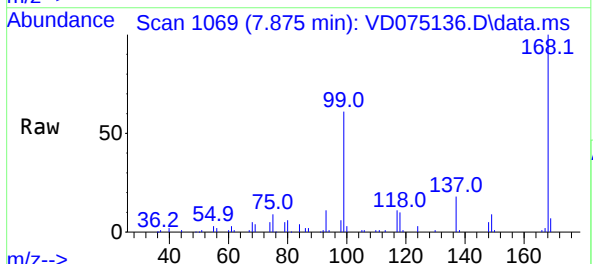
Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

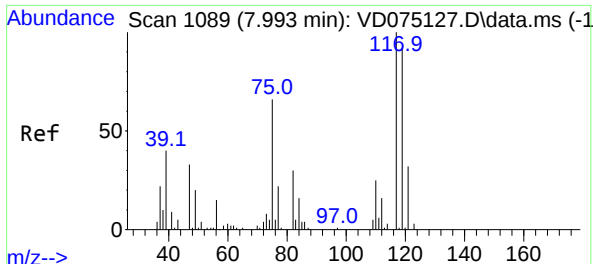
Tgt Ion:113	Resp:	60641
Ion	Ratio	Lower Upper
113	100	
111	103.5	80.1 120.1
192	16.8	15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.256 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

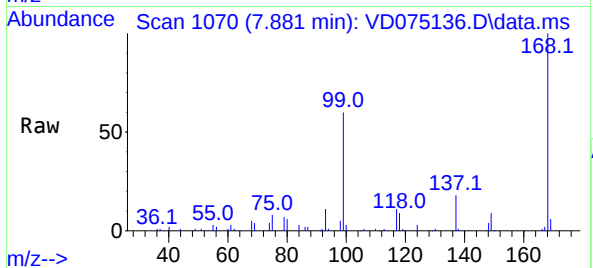
Tgt Ion: 75	Resp:	8304
Ion	Ratio	Lower Upper
75	100	
110	7.8	18.1 54.4#
77	0.0	25.1 37.7#



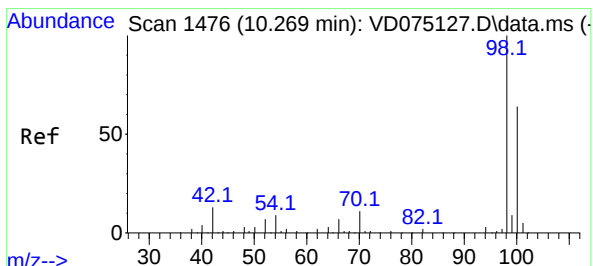
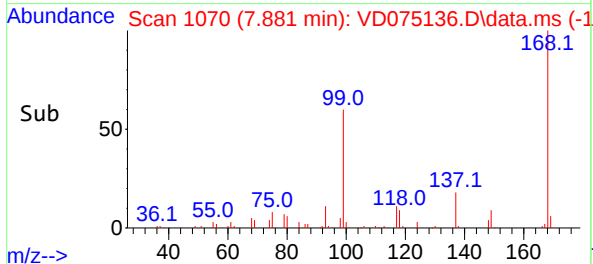
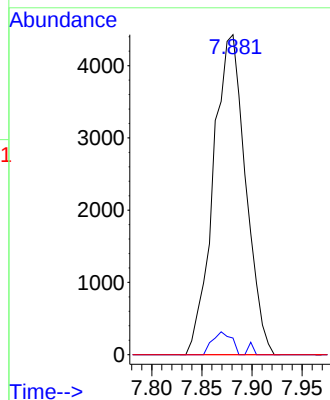


#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

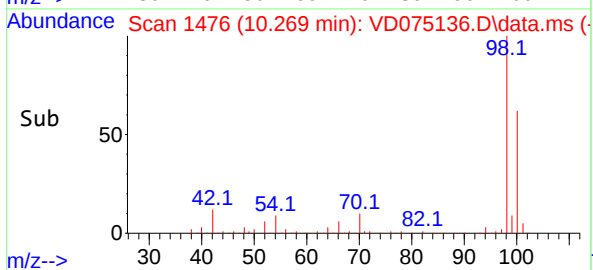
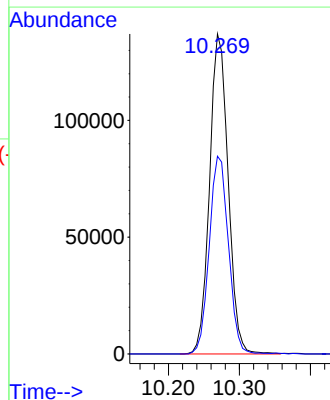
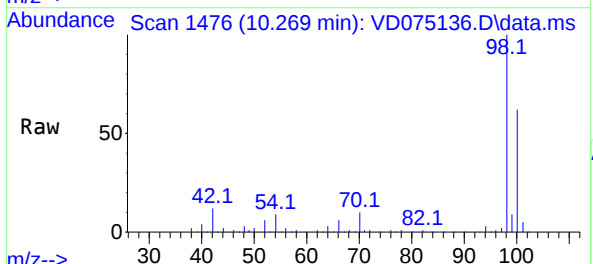


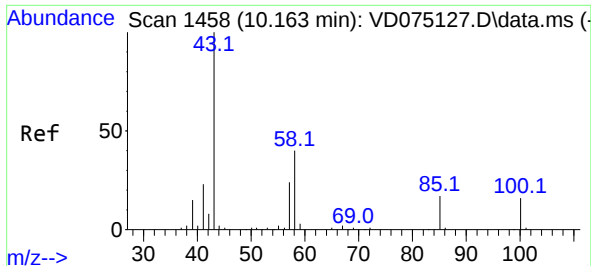
Tgt Ion:117 Resp: 9933
Ion Ratio Lower Upper
117 100
119 5.2 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.047 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 98 Resp: 248841
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.496 ug/l

RT: 10.281 min Scan# 1458

Delta R.T. 0.117 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

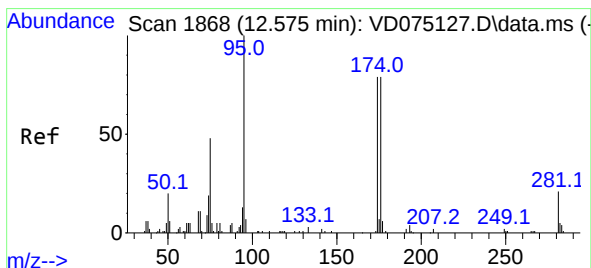
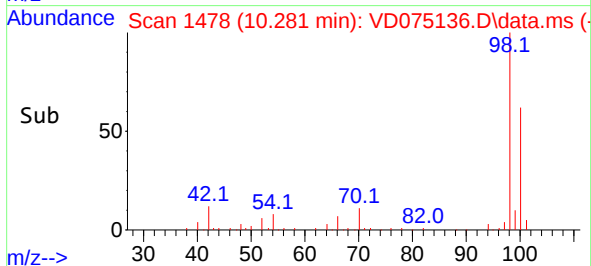
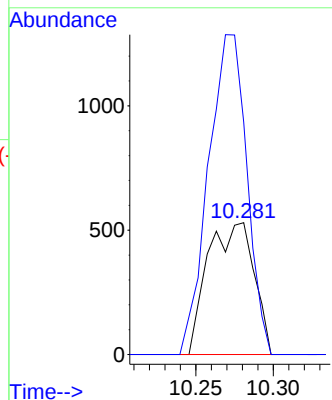
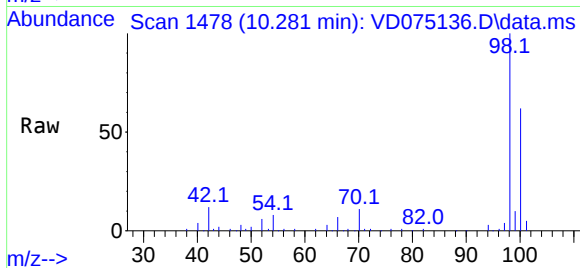
VD0119SBL03

Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

58 202.0 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 51.119 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

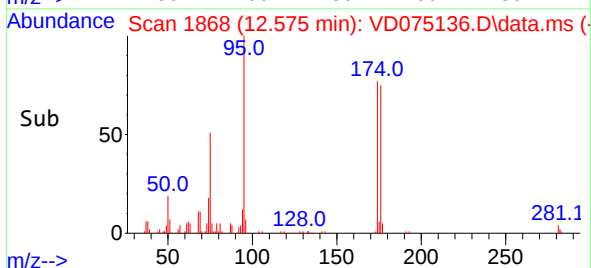
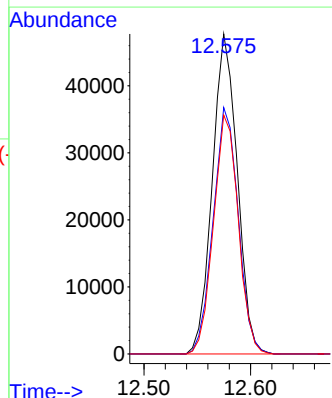
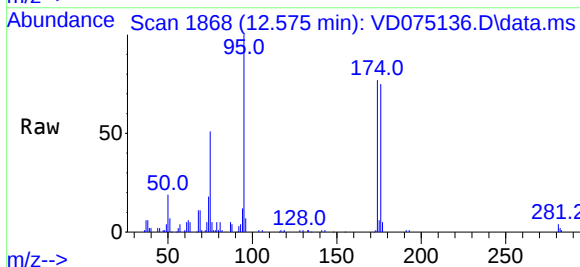
Tgt Ion: 95 Resp: 77566

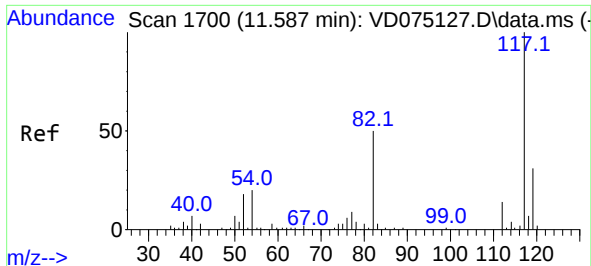
Ion Ratio Lower Upper

95 100

174 77.4 0.0 161.2

176 74.2 0.0 160.2

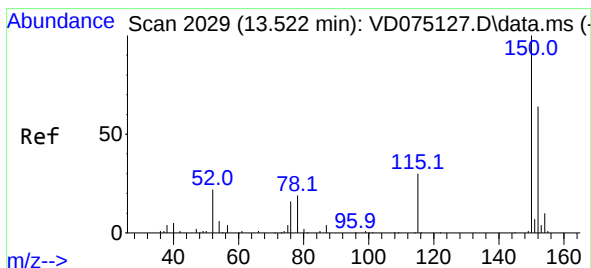
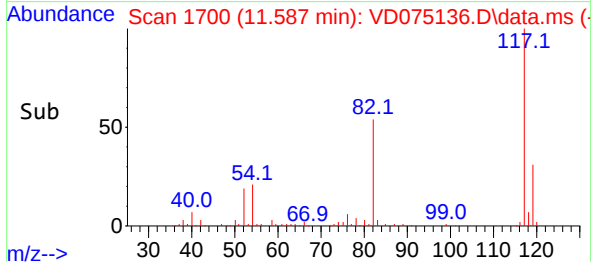
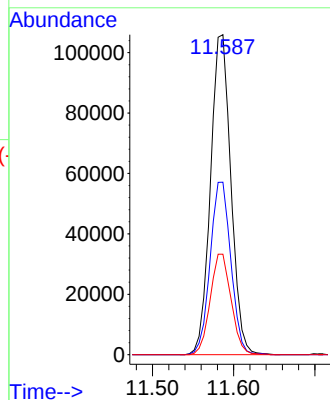
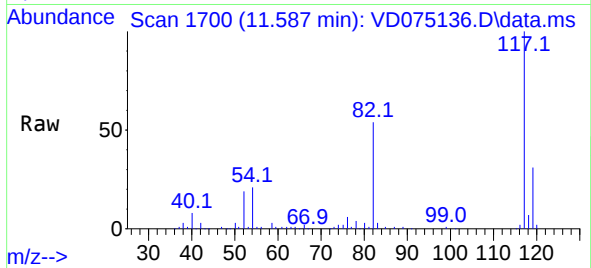




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

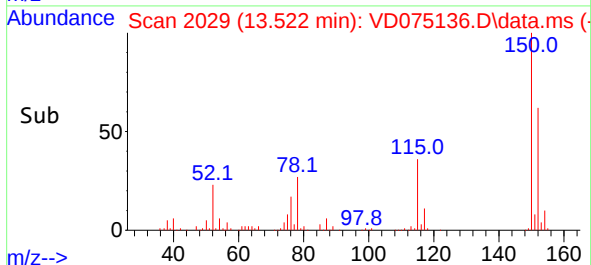
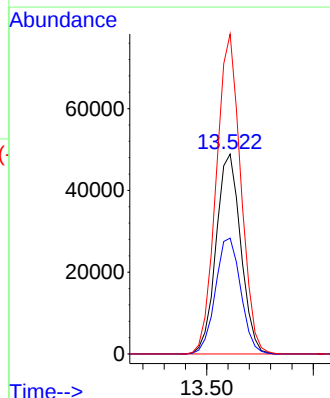
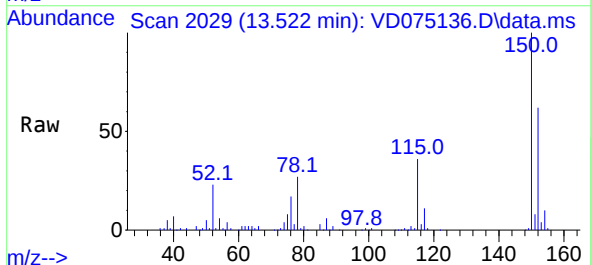
Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

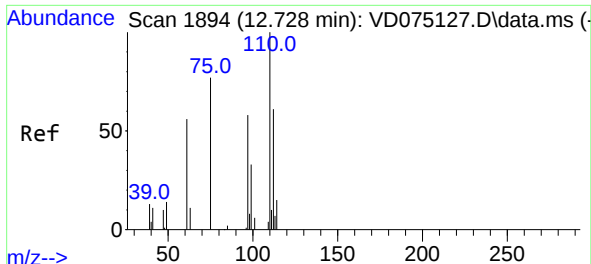
Tgt Ion:117 Resp: 185095
Ion Ratio Lower Upper
117 100
82 53.9 39.6 59.4
119 31.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion:152 Resp: 78573
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 158.7 0.0 348.6

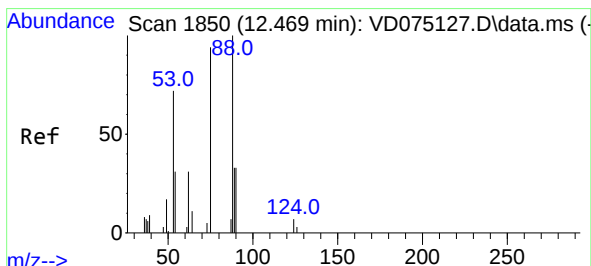
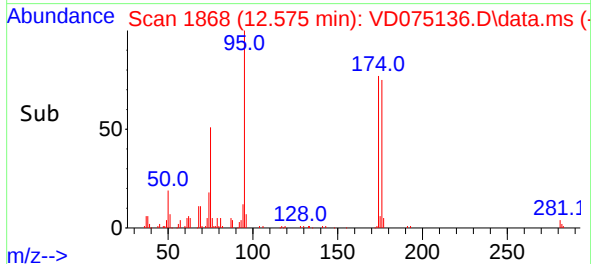
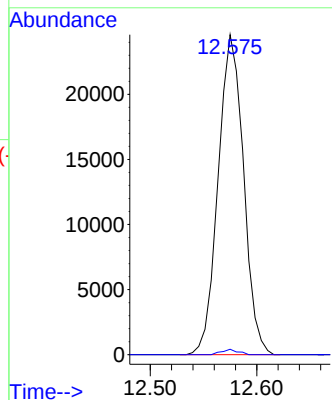
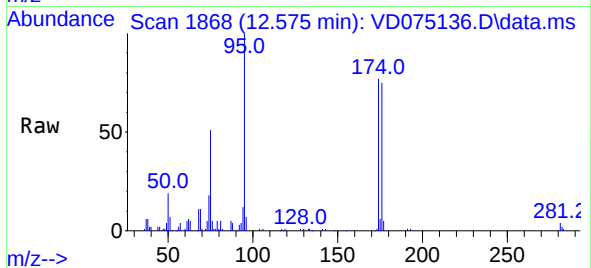




#76
1,2,3-Trichloropropane
Concen: 61.121 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

Tgt Ion: 75 Resp: 40673
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.774 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 75 Resp: 40673
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

