

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075182.D
 Acq On : 24 Jan 2023 12:12
 Operator : KP/SY
 Sample : VD0124SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 00:31:59 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)

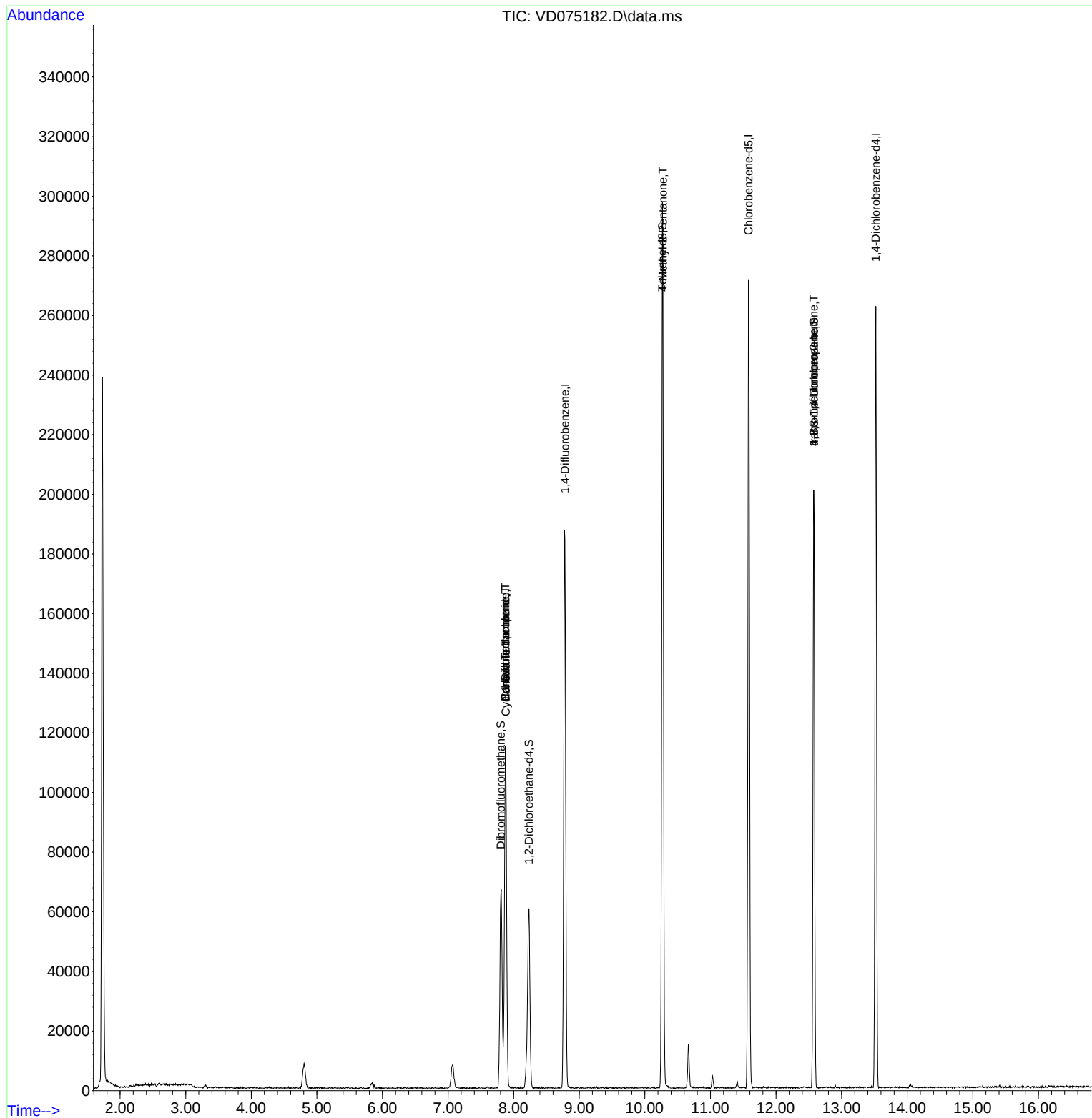
Internal Standards						
1) Pentafluorobenzene	7.875	168	85882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	166151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	153641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	67308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	45920	52.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.800%	
35) Dibromofluoromethane	7.804	113	48757	48.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.120%	
50) Toluene-d8	10.269	98	202915	51.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.574	95	64286	51.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.816	84	6441	Below Cal	#	75
31) Cyclohexane	7.881	56	2298	1.307	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	7256	4.498	ug/l #	47
38) Carbon Tetrachloride	7.875	117	9164	6.747	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	894	1.472	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	34455	60.442	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	34455	140.200	ug/l #	14

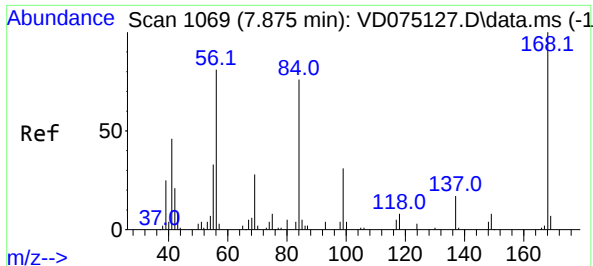
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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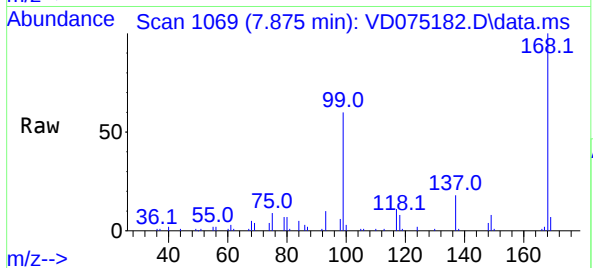
Quant Time: Jan 25 00:31:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



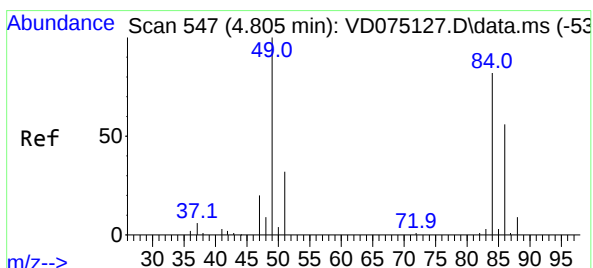
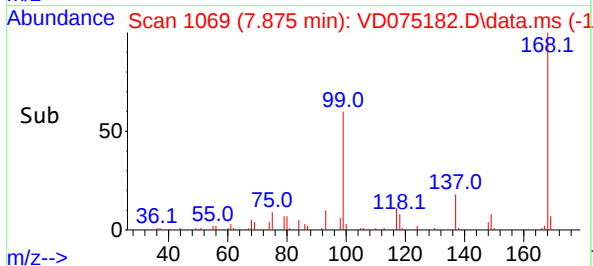
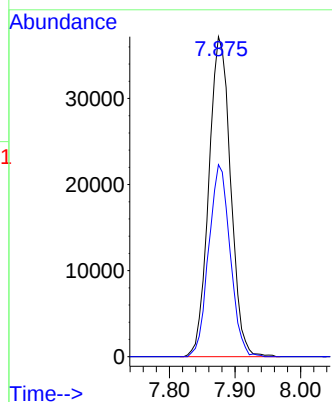


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

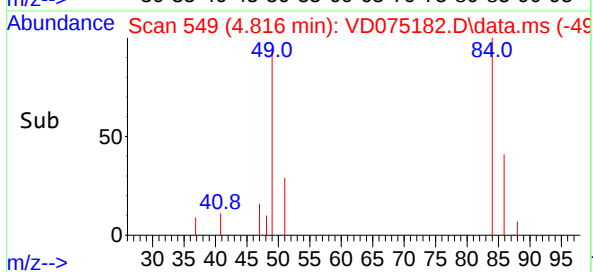
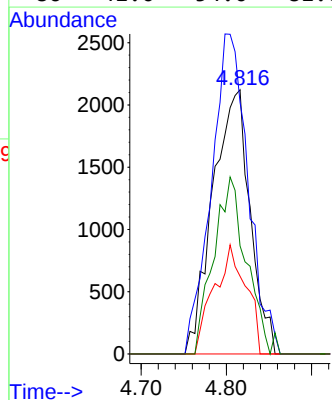
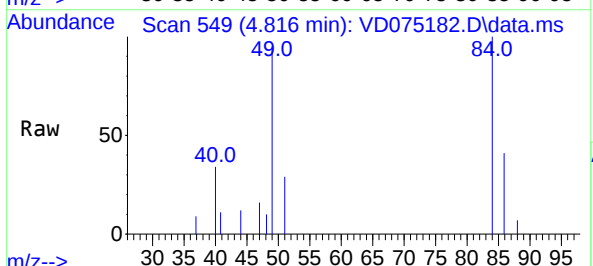


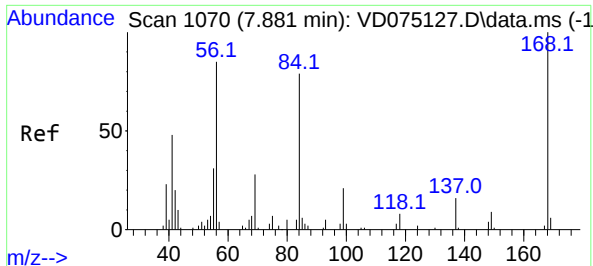
Tgt Ion:168 Resp: 85882
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion: 84 Resp: 6441
Ion Ratio Lower Upper
84 100
49 95.3 97.0 145.6#
51 29.4 30.9 46.3#
86 41.0 54.0 81.0#





#31

Cyclohexane

Concen: 1.307 ug/l

RT: 7.881 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VD075182.D

Acq: 24 Jan 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

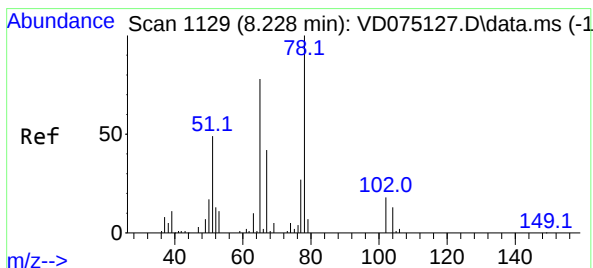
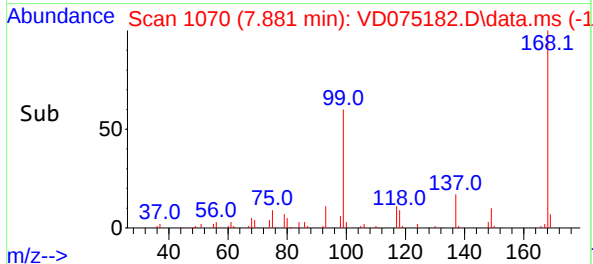
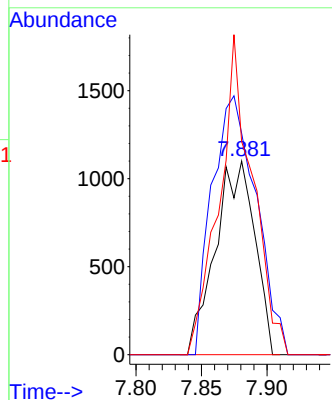
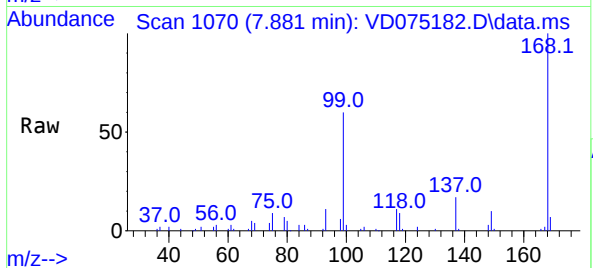
Tgt Ion: 56 Resp: 2298

Ion Ratio Lower Upper

56 100

69 114.3 26.6 40.0#

84 110.1 74.1 111.1



#33

1,2-Dichloroethane-d4

Concen: 52.399 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VD075182.D

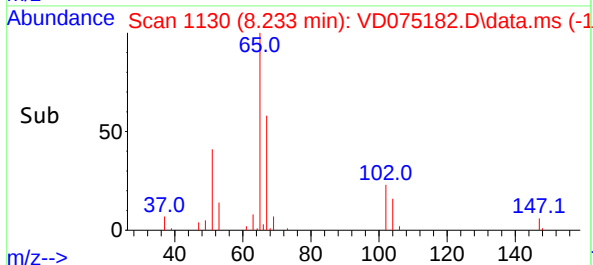
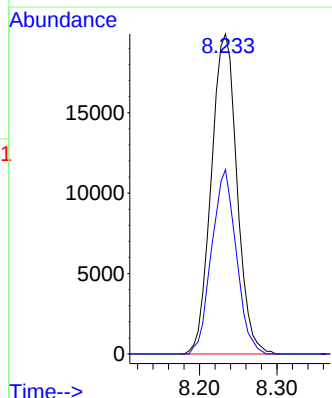
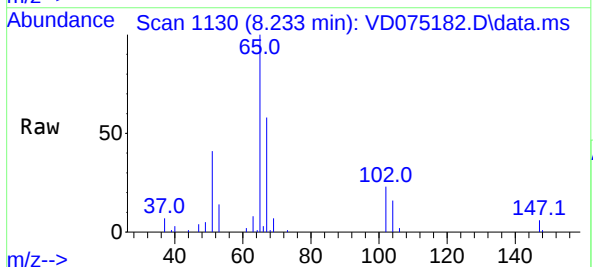
Acq: 24 Jan 2023 12:12

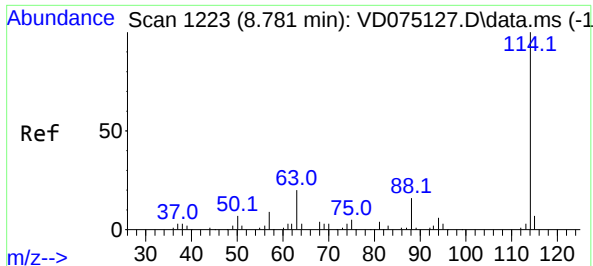
Tgt Ion: 65 Resp: 45920

Ion Ratio Lower Upper

65 100

67 55.3 0.0 105.2

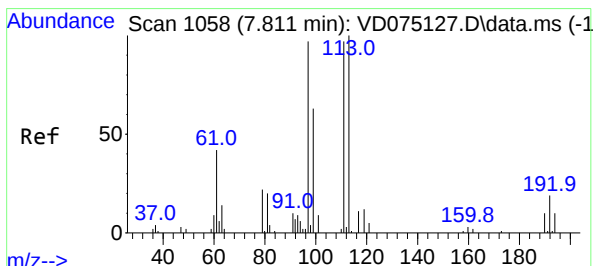
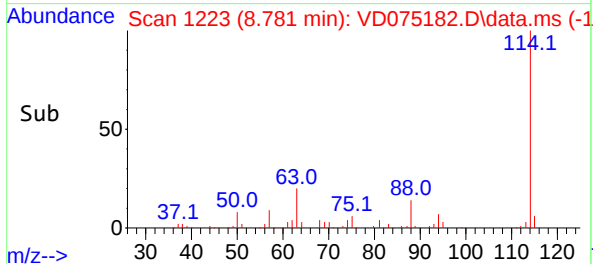
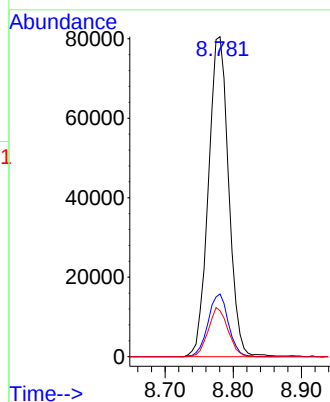
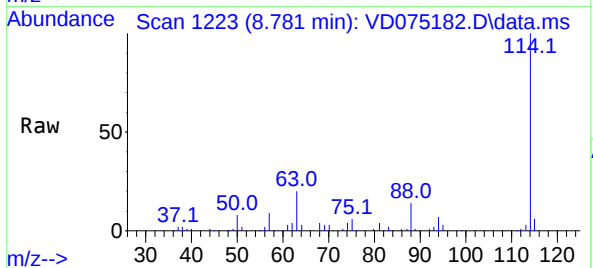




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

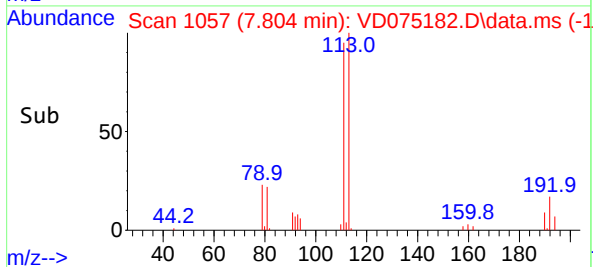
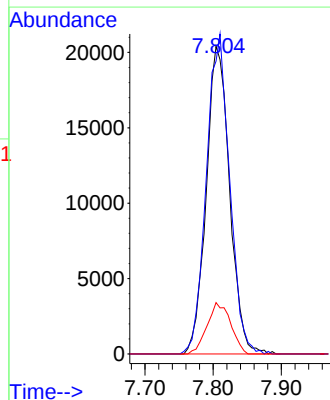
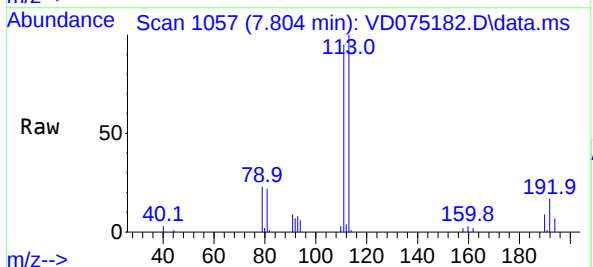
Instrument :
MSVOA_D
ClientSampleId :

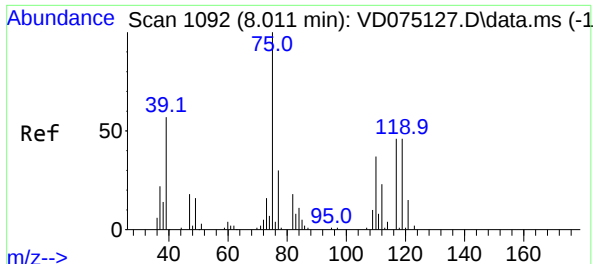
Tgt Ion:114 Resp: 166151
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.2
88 14.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.563 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion:113 Resp: 48757
Ion Ratio Lower Upper
113 100
111 103.7 80.1 120.1
192 16.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.498 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

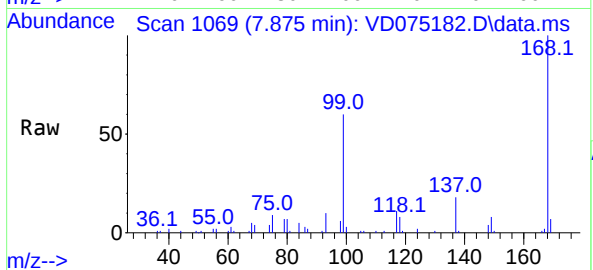
Lab File: VD075182.D

Acq: 24 Jan 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :



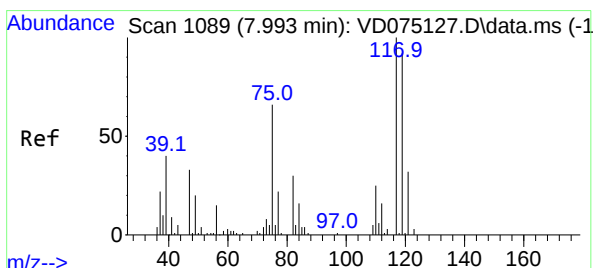
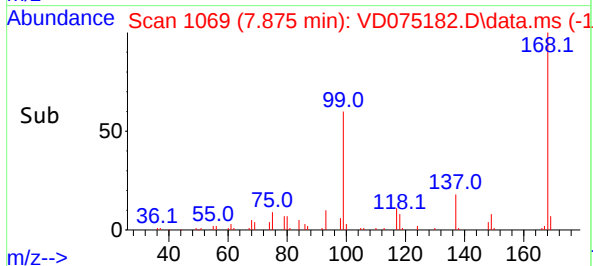
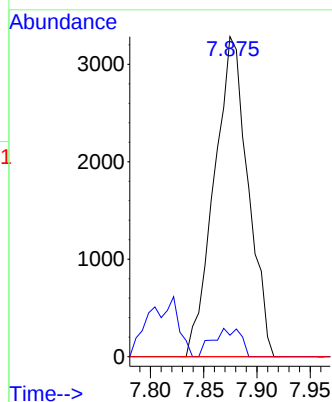
Tgt Ion: 75 Resp: 7256

Ion Ratio Lower Upper

75 100

110 7.3 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.747 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075182.D

Acq: 24 Jan 2023 12:12

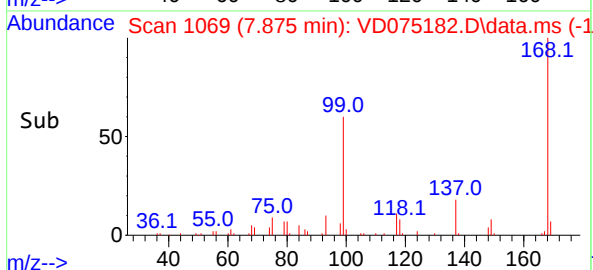
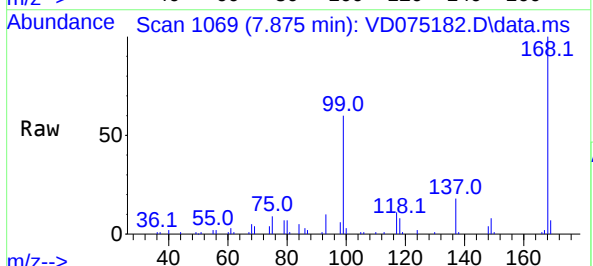
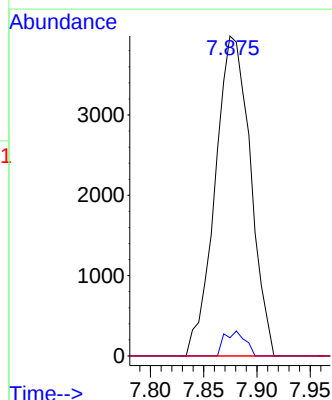
Tgt Ion: 117 Resp: 9164

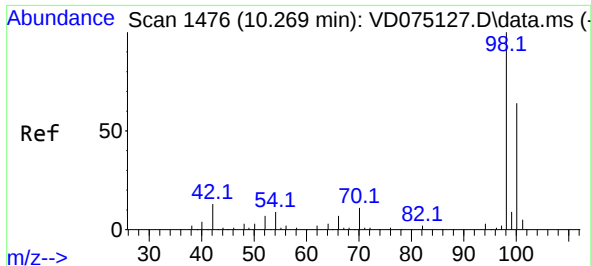
Ion Ratio Lower Upper

117 100

119 5.7 73.6 110.4#

121 0.0 25.4 38.0#

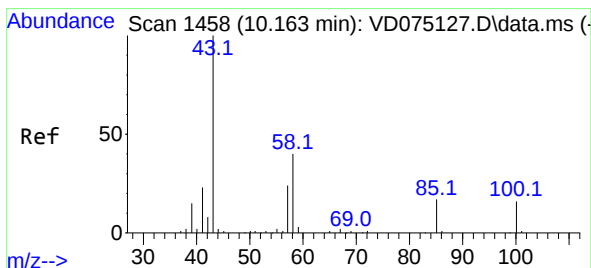
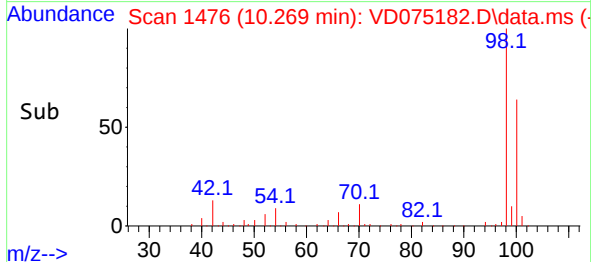
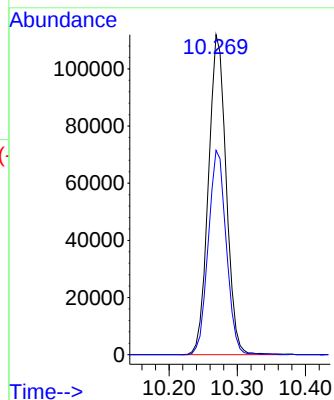
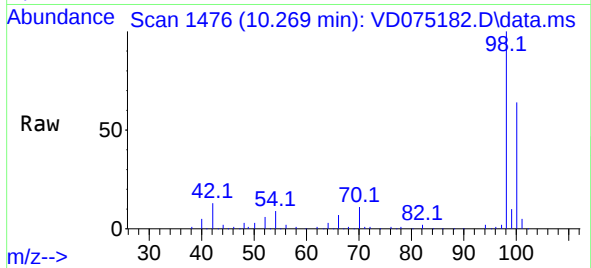




#50
Toluene-d8
Concen: 51.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

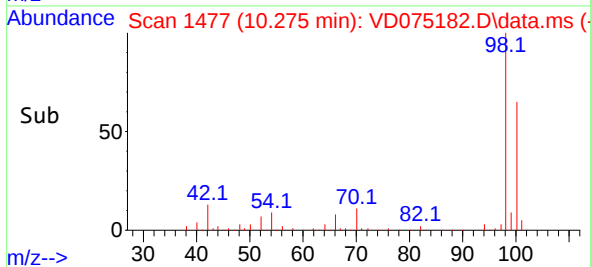
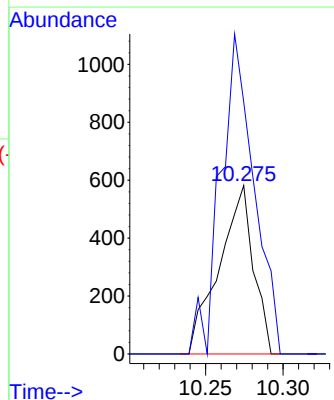
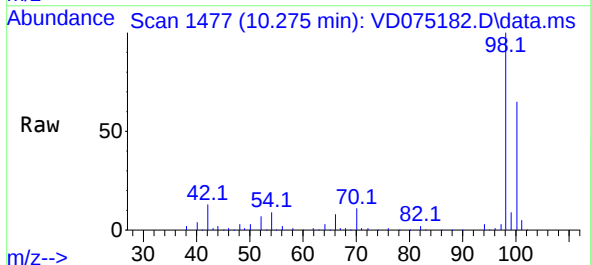
Instrument :
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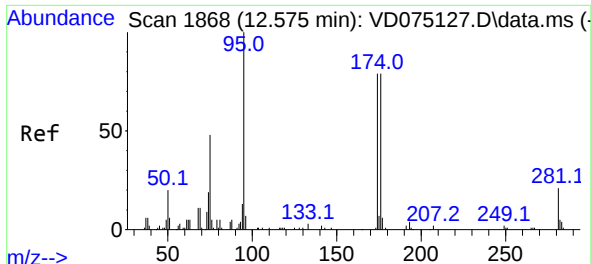
Tgt Ion: 98 Resp: 202915
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.472 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.111 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 185.6 31.4 47.0#

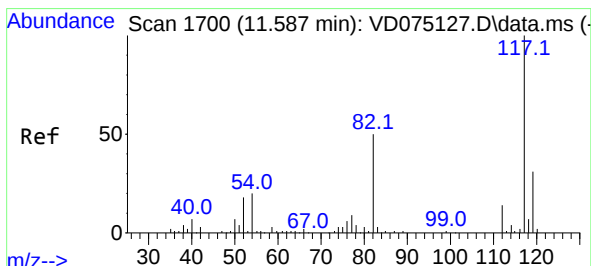
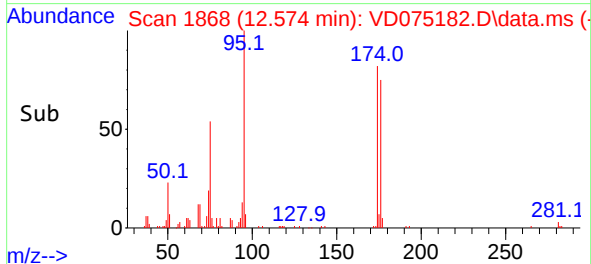
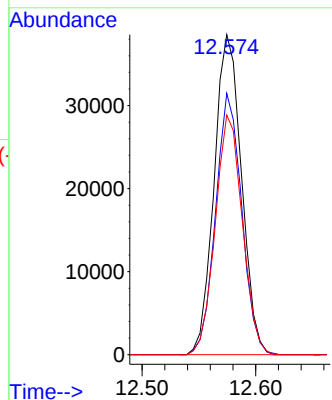
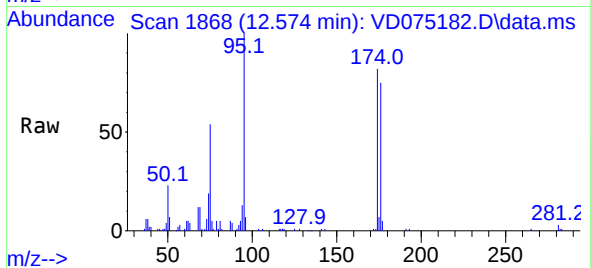




#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 12.574 min Scan# 1698
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

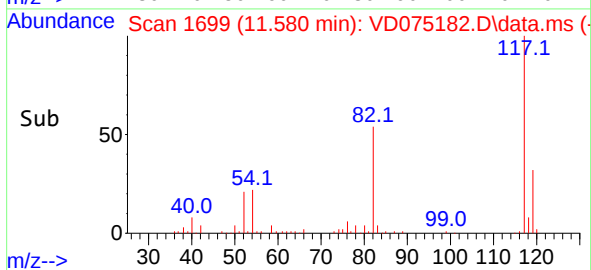
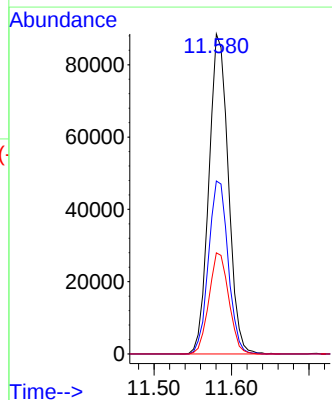
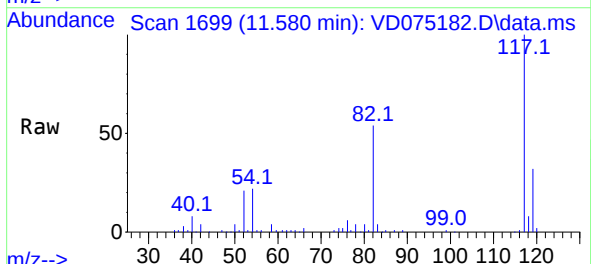
Instrument :
MSVOA_D
ClientSampleId :

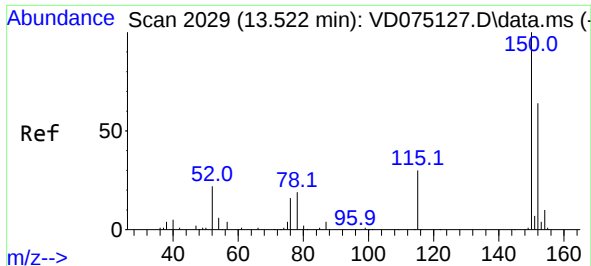
Tgt Ion: 95 Resp: 64286
Ion Ratio Lower Upper
95 100
174 78.3 0.0 161.2
176 74.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

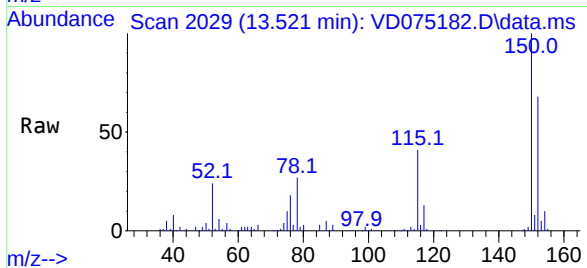
Tgt Ion: 117 Resp: 153641
Ion Ratio Lower Upper
117 100
82 54.0 39.6 59.4
119 31.6 24.6 37.0



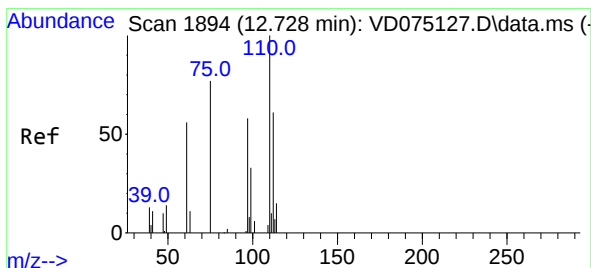
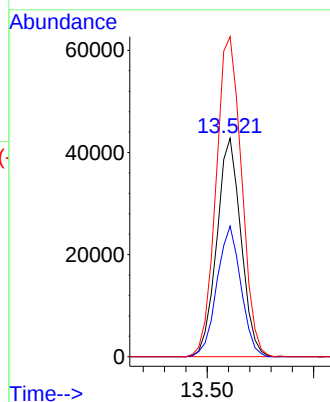
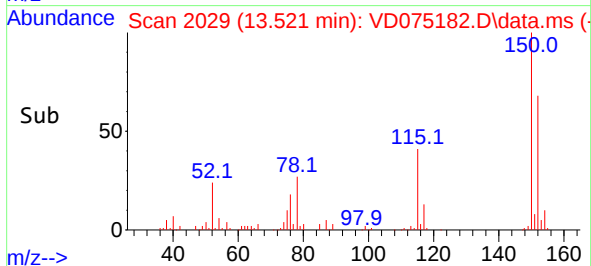


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VD075182.D
 Acq: 24 Jan 2023 12:12

Instrument :
 MSVOA_D
 ClientSampleId :

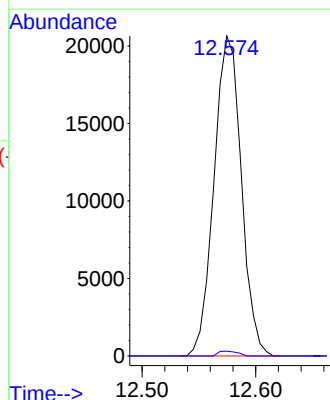
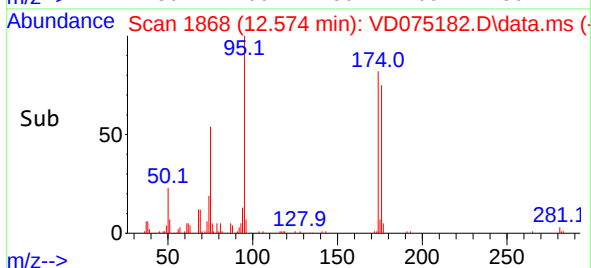
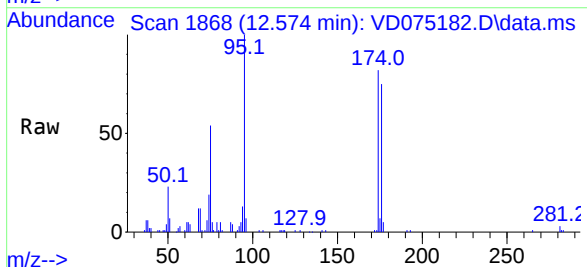


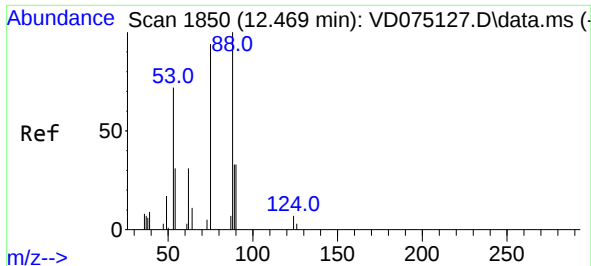
Tgt Ion:152 Resp: 67308
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.8 86.4
 150 154.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 60.442 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075182.D
 Acq: 24 Jan 2023 12:12

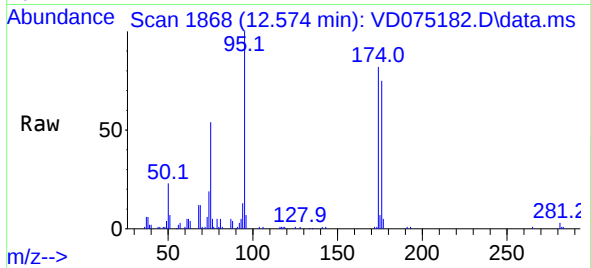
Tgt Ion: 75 Resp: 34455
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.200 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD075182.D
 Acq: 24 Jan 2023 12:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 34455
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

