

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075147.D
 Acq On : 20 Jan 2023 12:23
 Operator : KP/SY
 Sample : VD0120SBL04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL04

Quant Time: Jan 23 00:29:49 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)

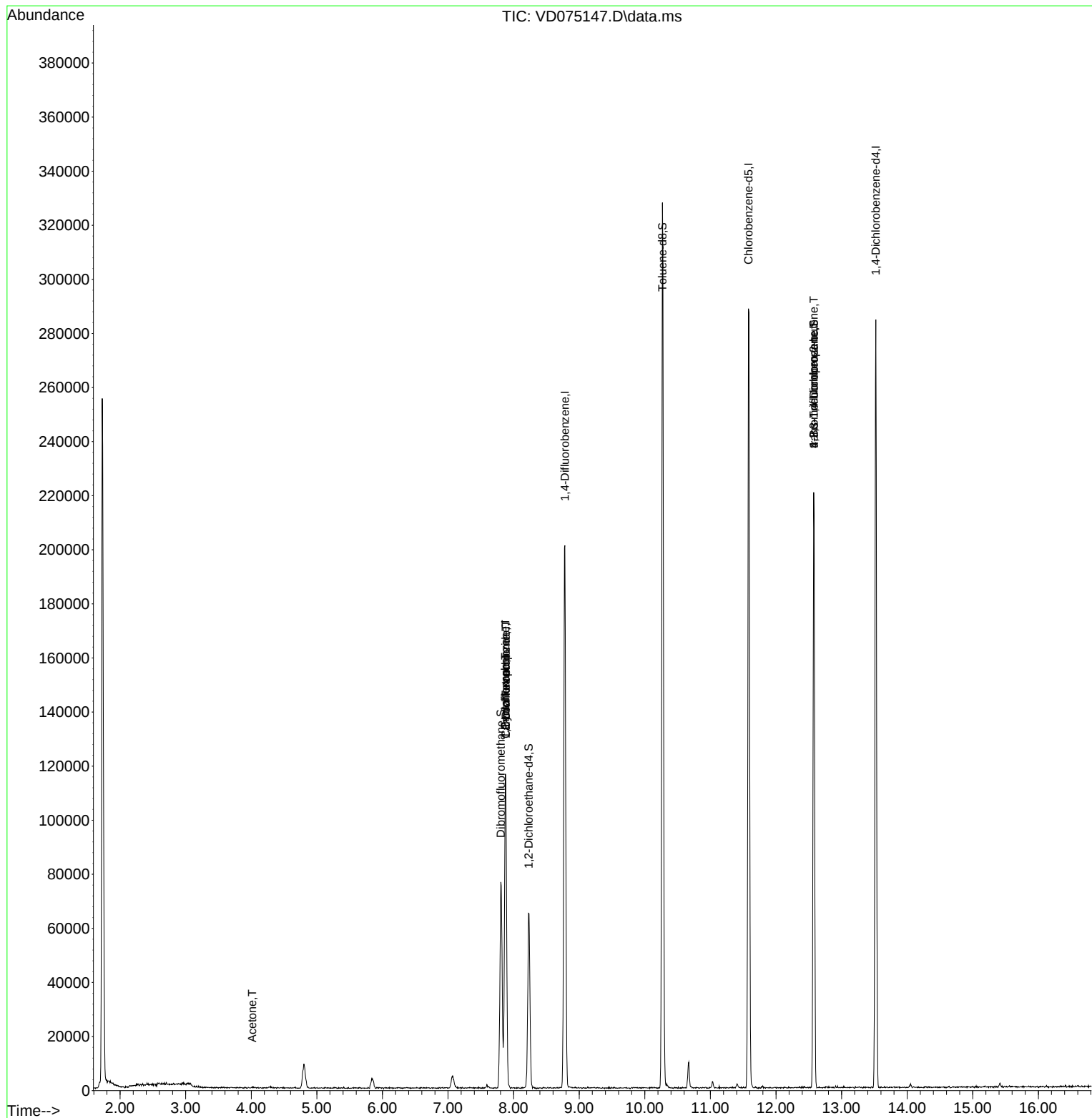
Internal Standards						
1) Pentafluorobenzene	7.875	168	86545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50502	57.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.380%			
35) Dibromofluoromethane	7.805	113	55275	50.664	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.320%			
50) Toluene-d8	10.269	98	223620	52.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.575	95	73089	53.611	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.220%			
Target Compounds						
16) Acetone	4.016	43	346	1.485	ug/l #	42
20) Methylene Chloride	4.799	84	6591	Below Cal		89
31) Cyclohexane	7.875	56	2304	1.301	ug/l #	43
36) 1,1-Dichloropropene	7.881	75	7494	4.275	ug/l #	48
38) Carbon Tetrachloride	7.881	117	8802	5.964	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	37052	60.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37052	139.973	ug/l #	14

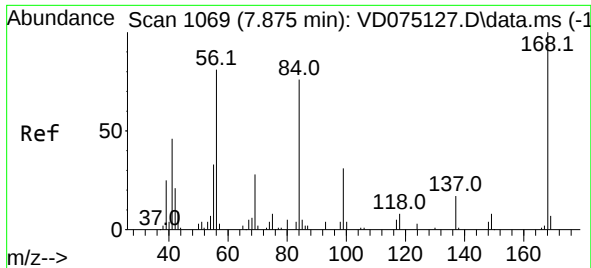
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
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Quant Title : SW846 8260
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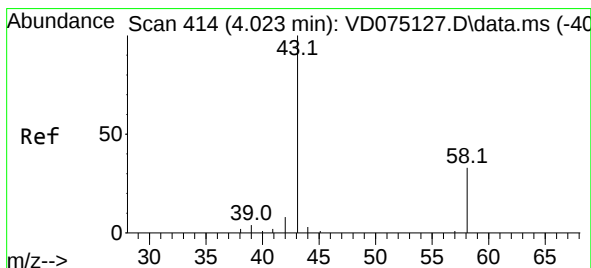
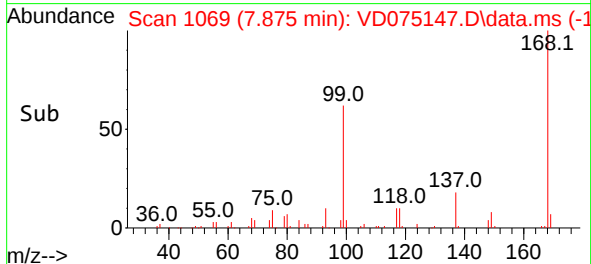
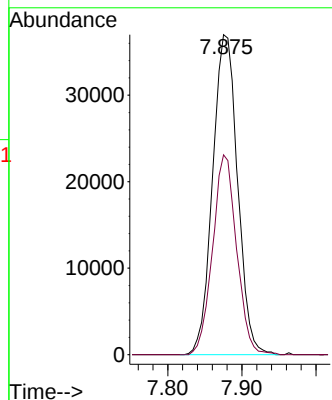
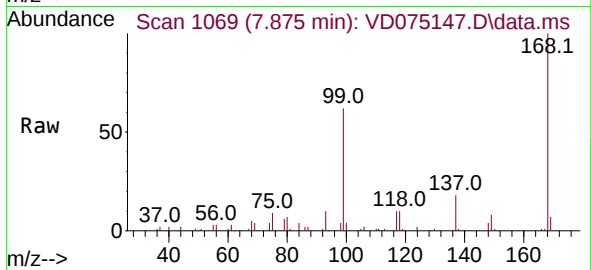




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

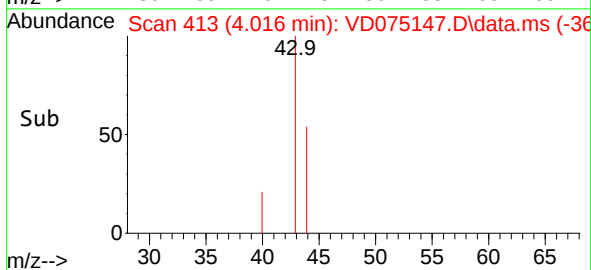
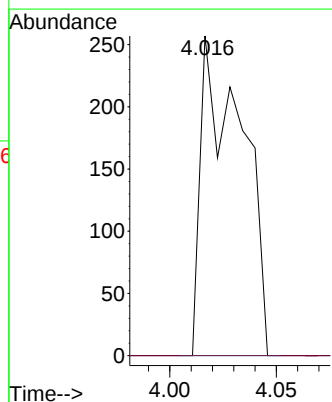
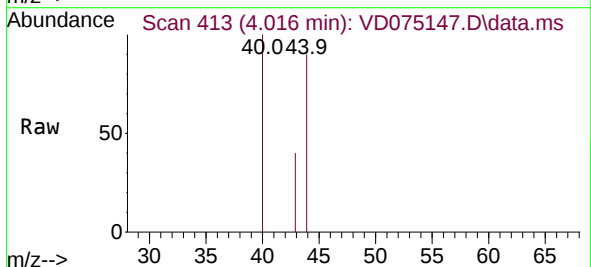
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL04

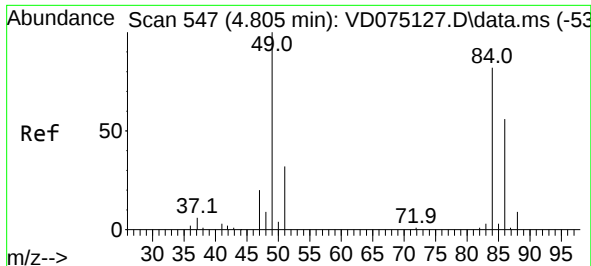
Tgt Ion:168 Resp: 86545
Ion Ratio Lower Upper
168 100
99 62.4 45.2 67.8



#16
Acetone
Concen: 1.485 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

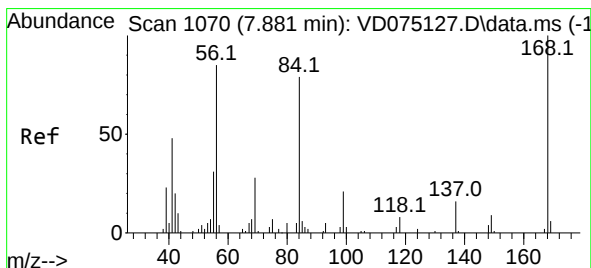
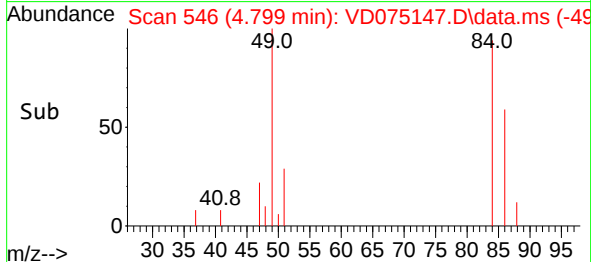
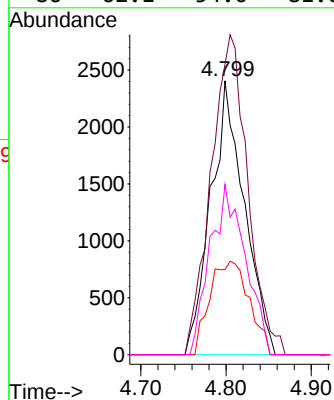
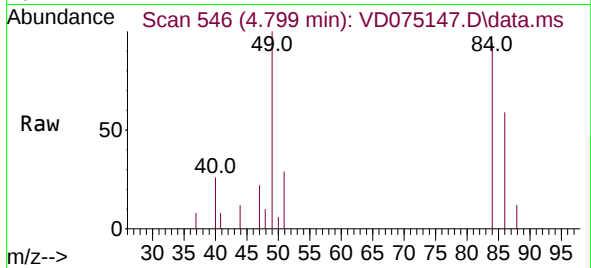




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

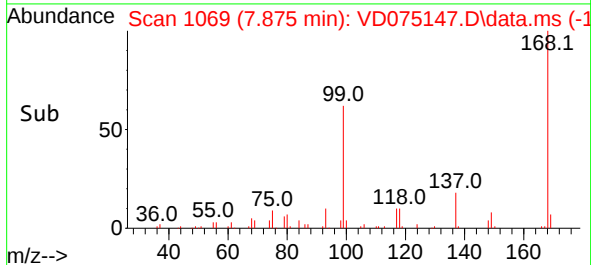
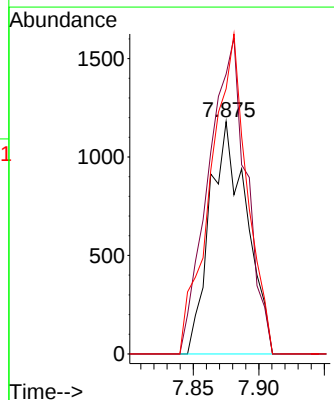
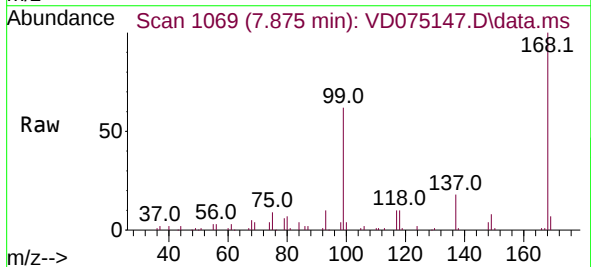
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL04

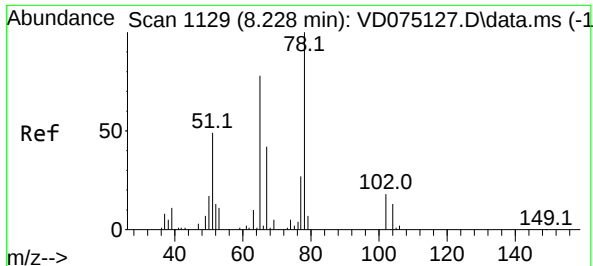
Tgt Ion: 84	Resp:	6591	
Ion	Ratio	Lower	Upper
84	100		
49	105.9	97.0	145.6
51	31.1	30.9	46.3
86	62.1	54.0	81.0



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

Tgt Ion: 56	Resp:	2304	
Ion Ratio	Lower	Upper	
56	100		
69	120.4	26.6	40.0#
84	114.1	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 57.186 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075147.D

Acq: 20 Jan 2023 12:23

Instrument :

MSVOA_D

ClientSampleId :

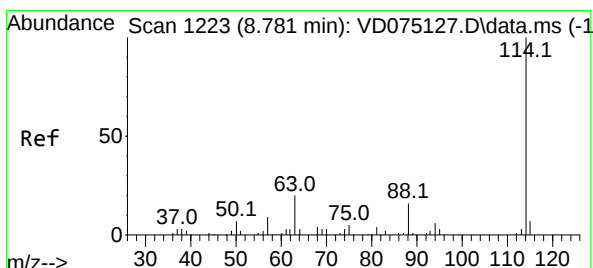
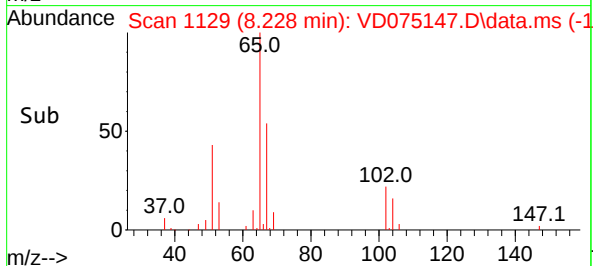
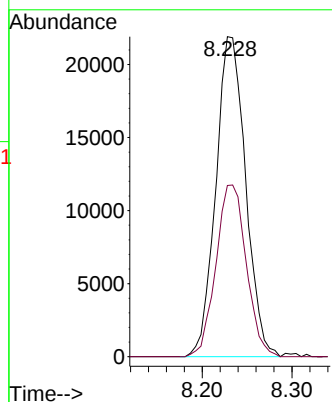
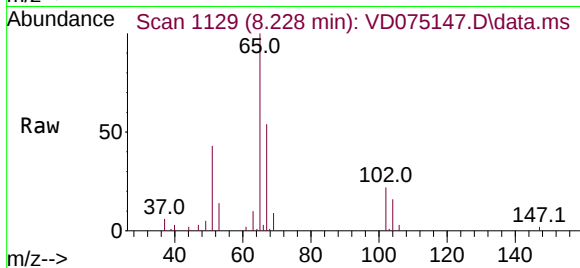
VD0120SBL04

Tgt Ion: 65 Resp: 50502

Ion Ratio Lower Upper

65 100

67 54.6 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: VD075147.D

Acq: 20 Jan 2023 12:23

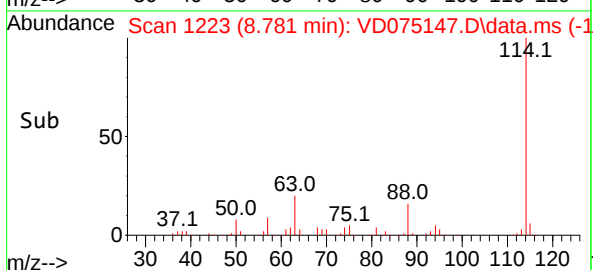
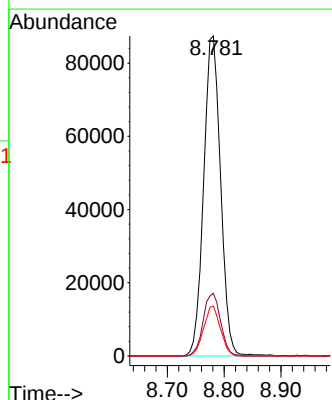
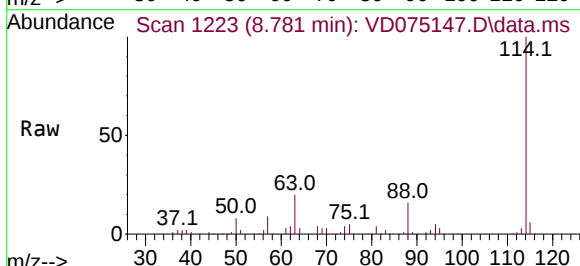
Tgt Ion: 114 Resp: 180550

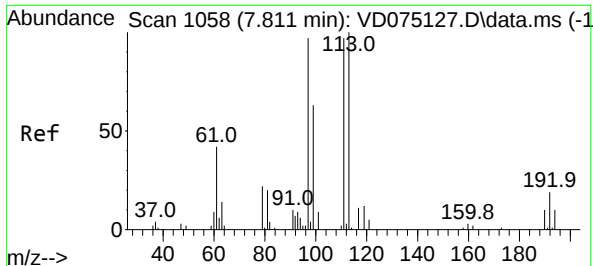
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.664 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075147.D

Acq: 20 Jan 2023 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL04

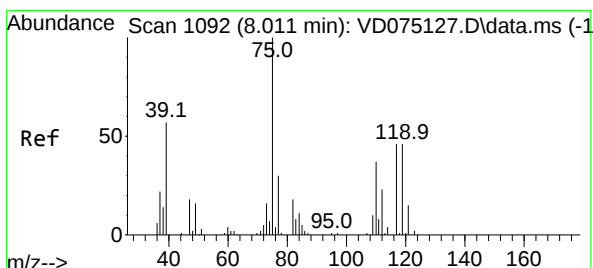
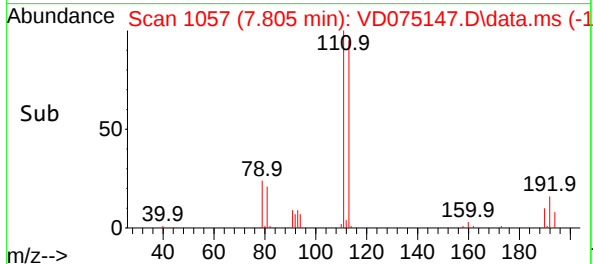
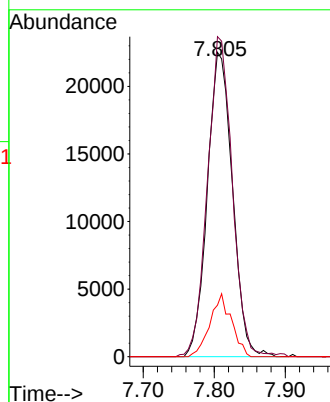
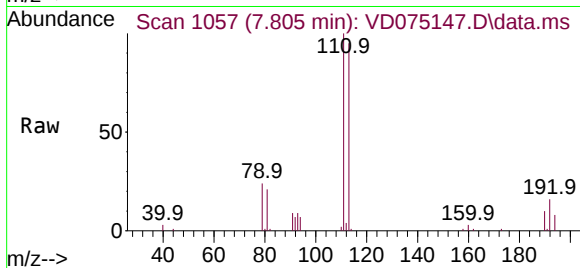
Tgt Ion:113 Resp: 55275

Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 17.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.275 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075147.D

Acq: 20 Jan 2023 12:23

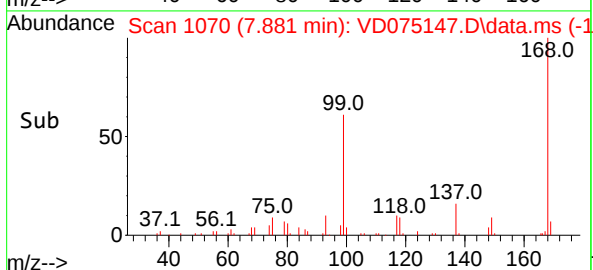
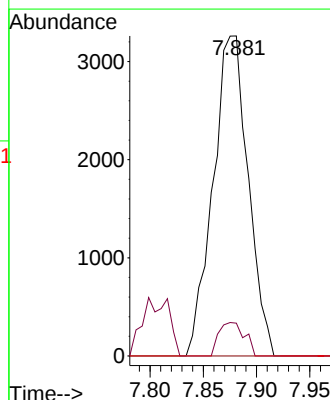
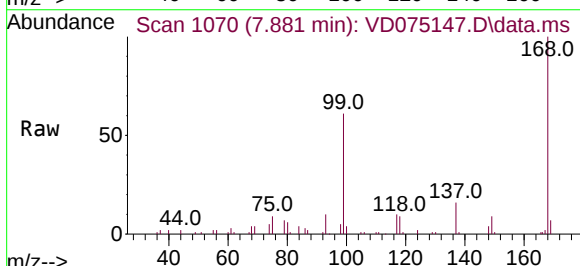
Tgt Ion: 75 Resp: 7494

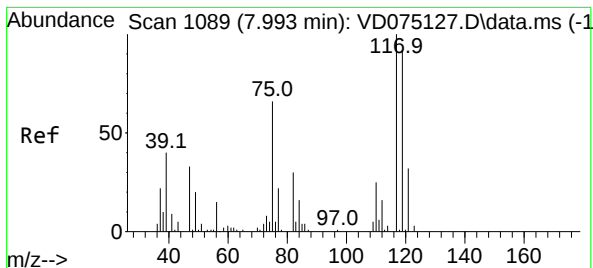
Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.964 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075147.D

Acq: 20 Jan 2023 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL04

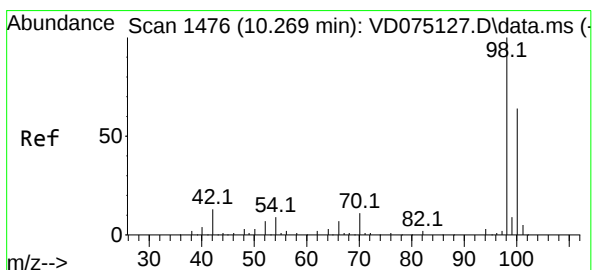
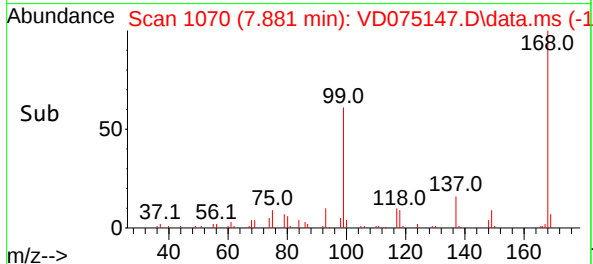
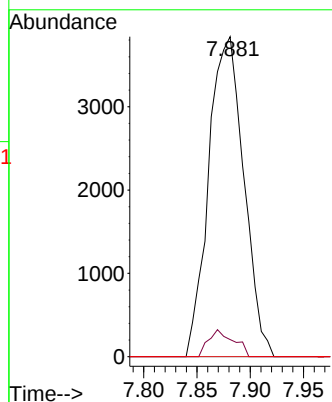
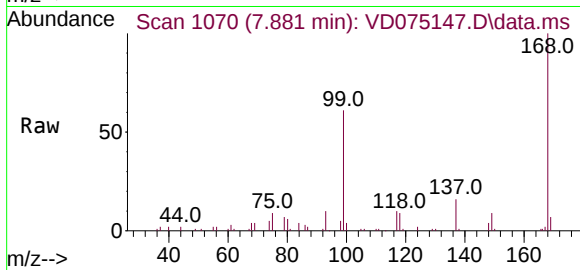
Tgt Ion:117 Resp: 8802

Ion Ratio Lower Upper

117 100

119 5.3 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 52.057 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075147.D

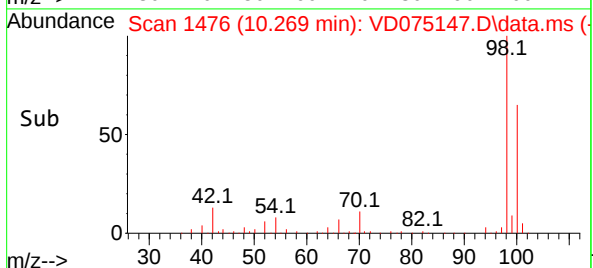
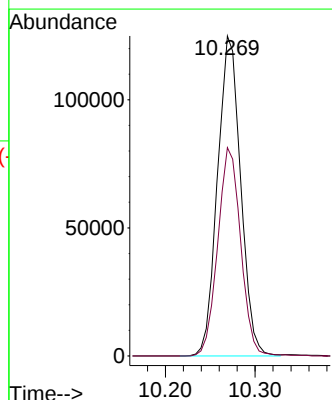
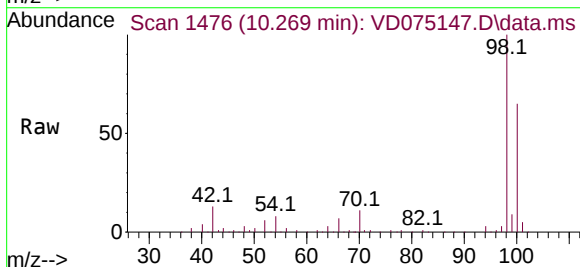
Acq: 20 Jan 2023 12:23

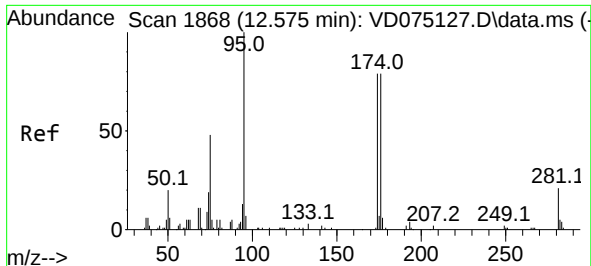
Tgt Ion: 98 Resp: 223620

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1

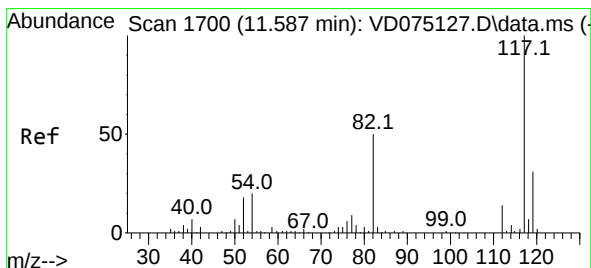
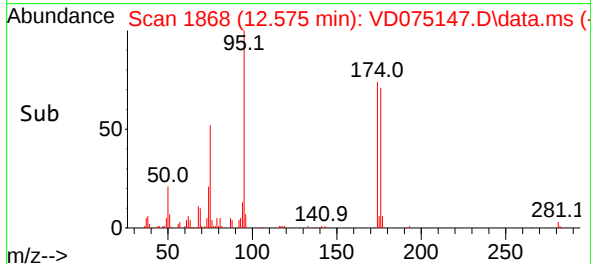
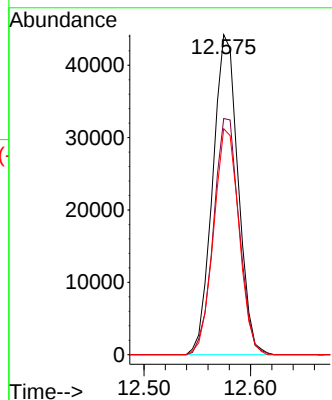
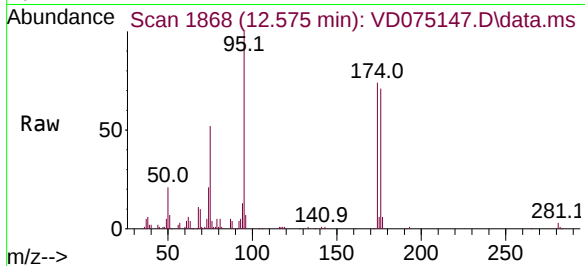




#62
4-Bromofluorobenzene
Concen: 53.611 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

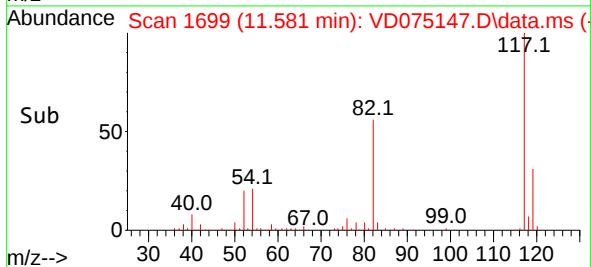
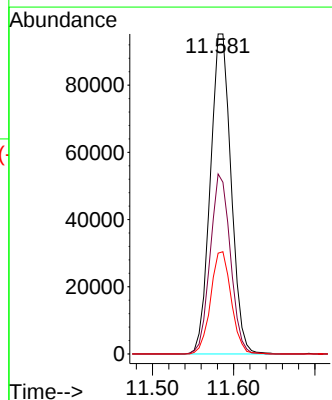
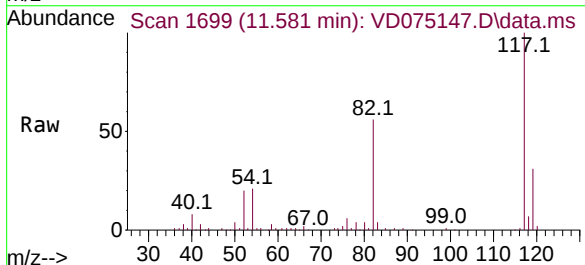
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VD0120SBL04

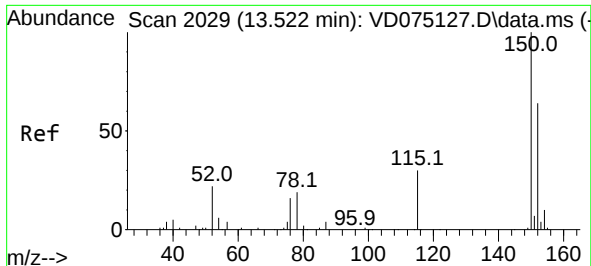
Tgt Ion: 95 Resp: 73089
Ion Ratio Lower Upper
95 100
174 74.4 0.0 161.2
176 70.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075147.D
Acq: 20 Jan 2023 12:23

Tgt Ion: 117 Resp: 168873
Ion Ratio Lower Upper
117 100
82 56.2 39.6 59.4
119 31.5 24.6 37.0

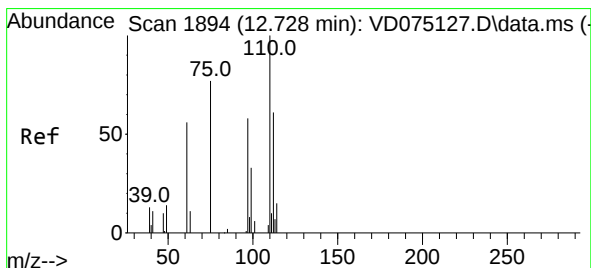
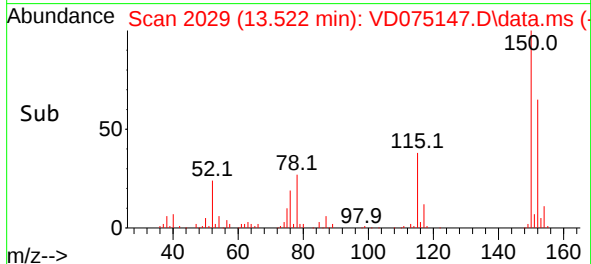
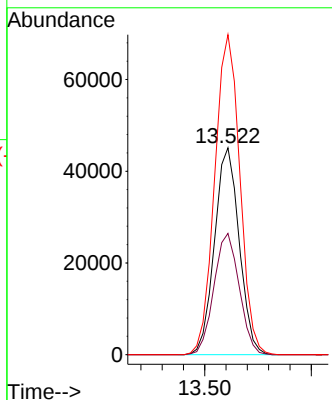
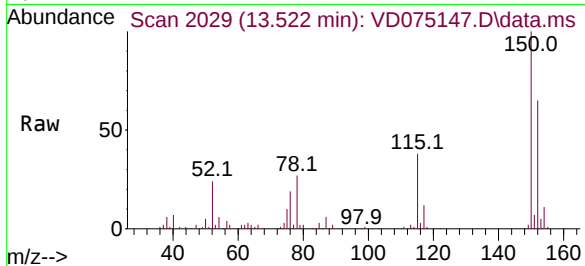




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075147.D
 Acq: 20 Jan 2023 12:23

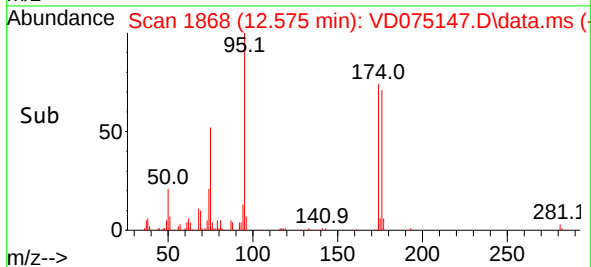
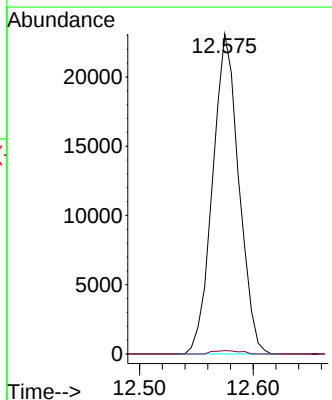
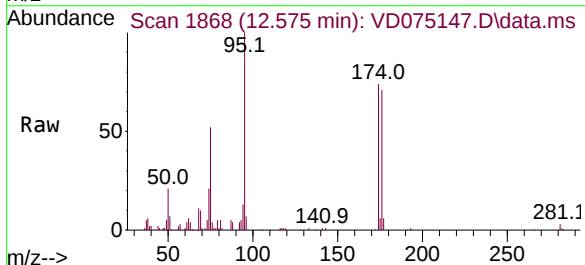
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL04

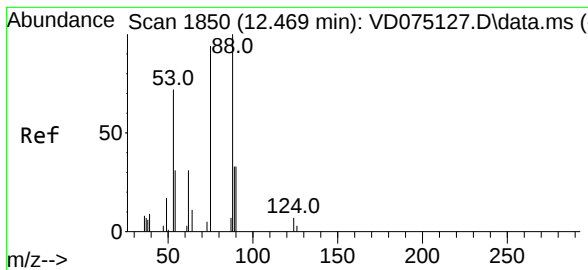
Tgt Ion:152 Resp: 72499
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.4
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 60.344 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075147.D
 Acq: 20 Jan 2023 12:23

Tgt Ion: 75 Resp: 37052
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.973 ug/l
 RT: 12.575 min Scan# 1850
 Delta R.T. 0.106 min
 Lab File: VD075147.D
 Acq: 20 Jan 2023 12:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL04

Tgt Ion: 75 Resp: 37052
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

