

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075152.D
 Acq On : 20 Jan 2023 14:41
 Operator : KP/SY
 Sample : 01229-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-011923

Quant Time: Jan 23 00:31:54 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)

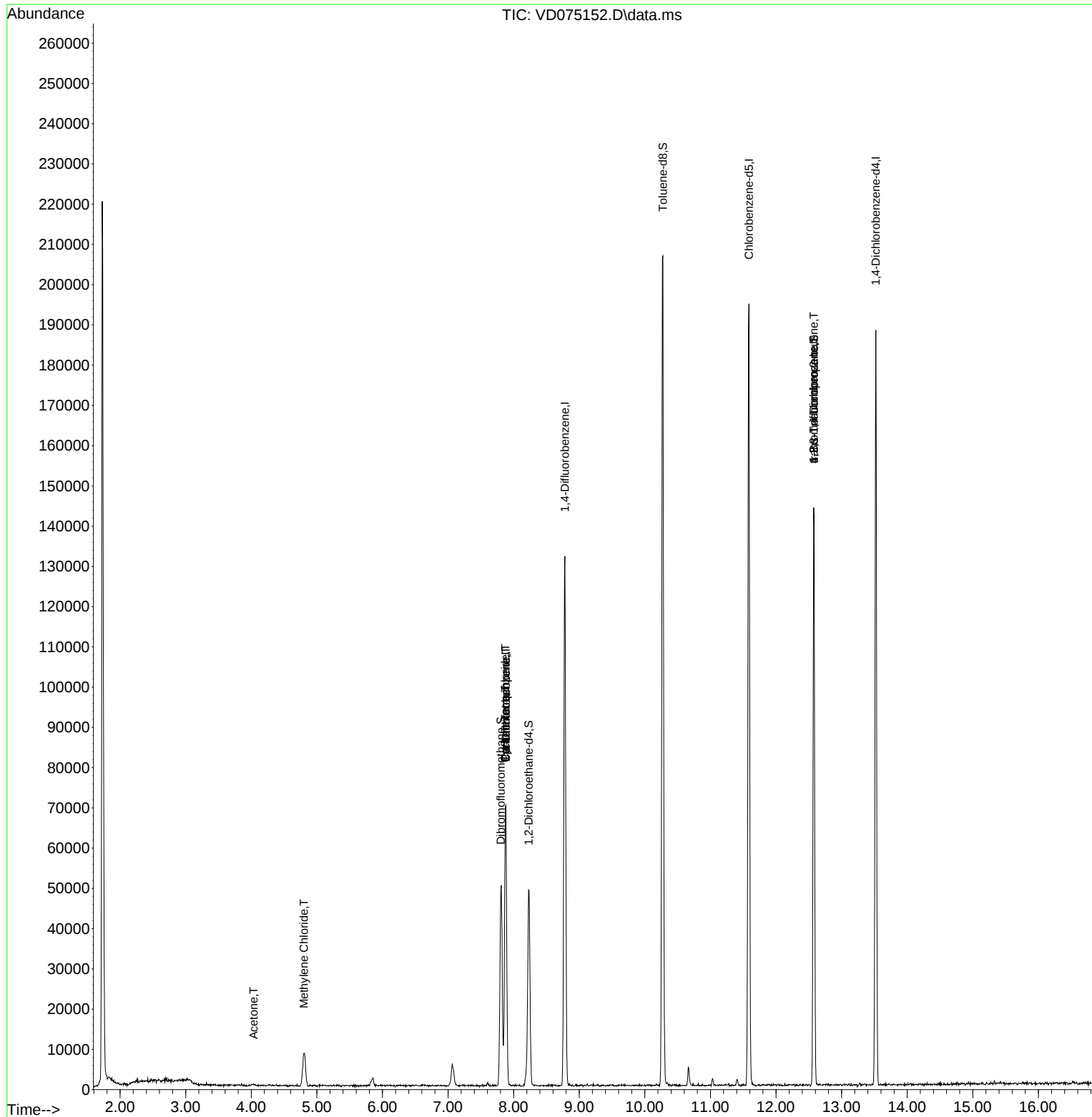
Internal Standards						
1) Pentafluorobenzene	7.881	168	53200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	117097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	110520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38256	70.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.940%	
35) Dibromofluoromethane	7.804	113	37631	53.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.275	98	145219	52.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.575	95	47788	54.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	751	5.245	ug/l #	42
20) Methylene Chloride	4.805	84	6612	1.186	ug/l #	84
31) Cyclohexane	7.875	56	1372	1.260	ug/l #	36
36) 1,1-Dichloropropene	7.881	75	4754	4.182	ug/l #	45
38) Carbon Tetrachloride	7.875	117	5310	5.547	ug/l #	21
76) 1,2,3-Trichloropropane	12.575	75	24068	59.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24068	137.938	ug/l #	14

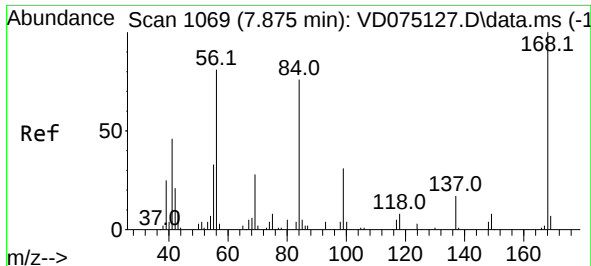
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

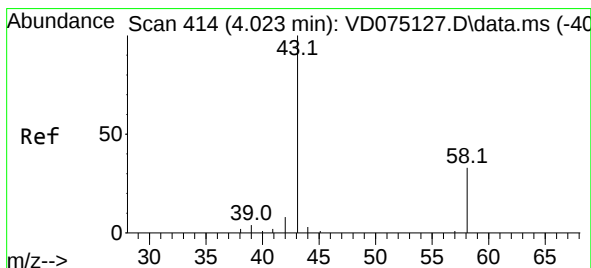
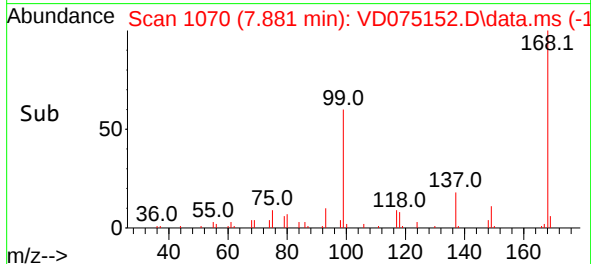
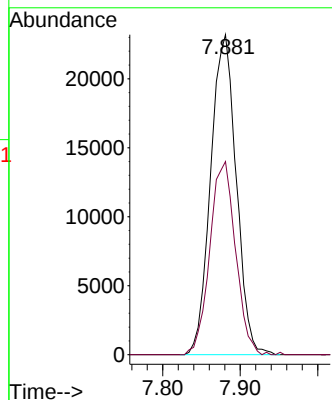
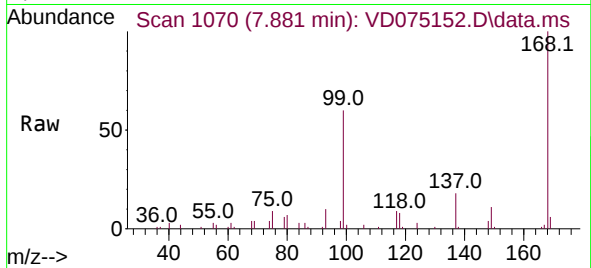




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

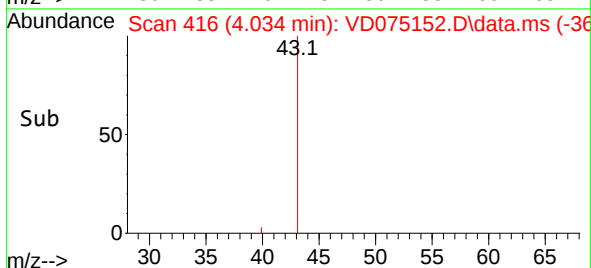
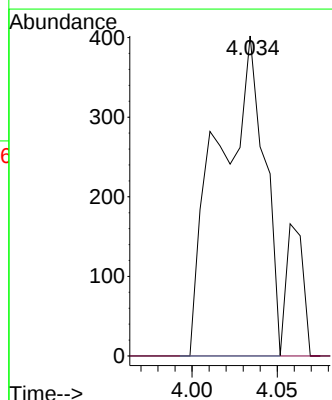
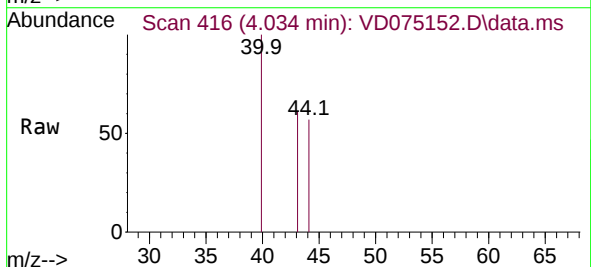
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

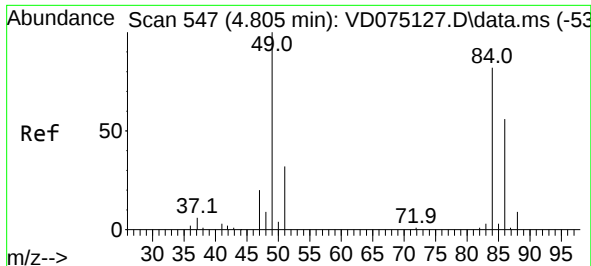
Tgt Ion:168 Resp: 53200
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#16
Acetone
Concen: 5.245 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

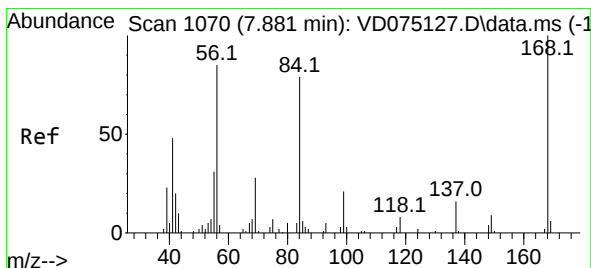
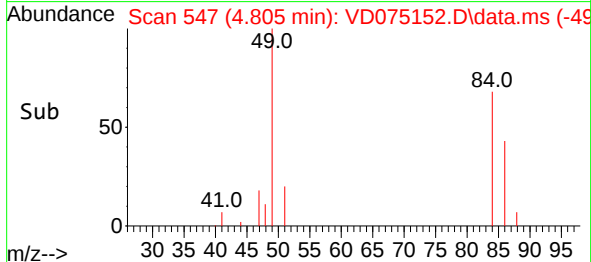
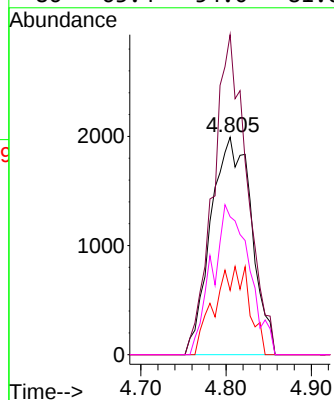
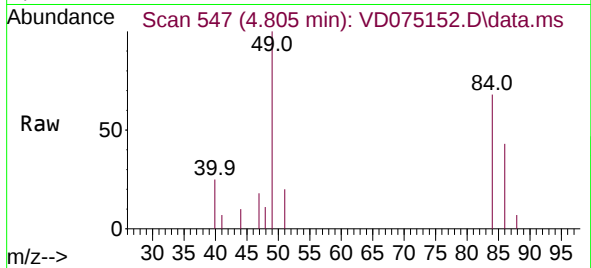




#20
Methylene Chloride
Concen: 1.186 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

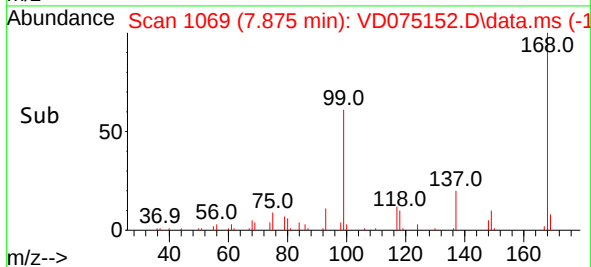
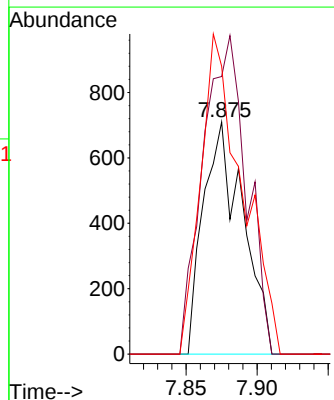
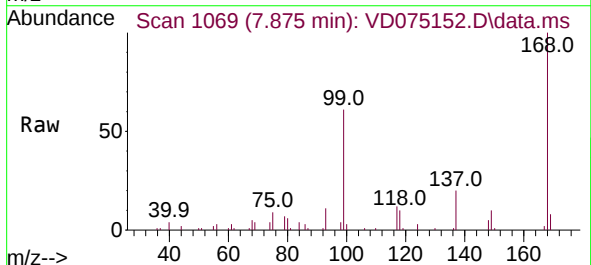
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

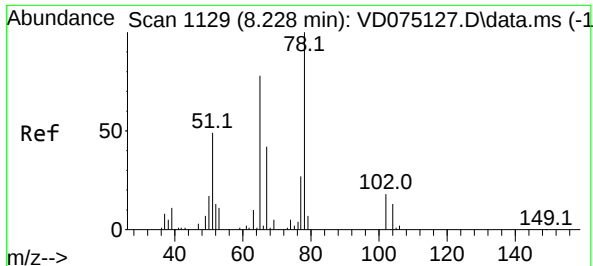
Tgt Ion:	84	Resp:	6612
Ion	Ratio	Lower	Upper
84	100		
49	147.2	97.0	145.6#
51	29.6	30.9	46.3#
86	63.4	54.0	81.0



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

Tgt Ion:	56	Resp:	1372
Ion	Ratio	Lower	Upper
56	100		
69	119.6	26.6	40.0#
84	123.9	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 70.471 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075152.D

Acq: 20 Jan 2023 14:41

Instrument :

MSVOA_D

ClientSampleId :

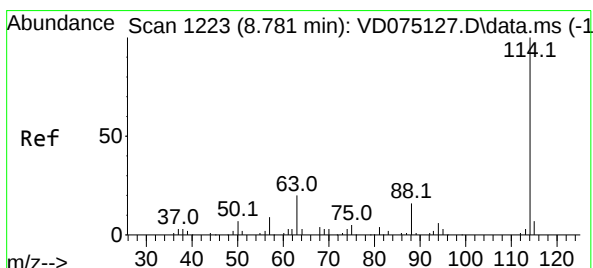
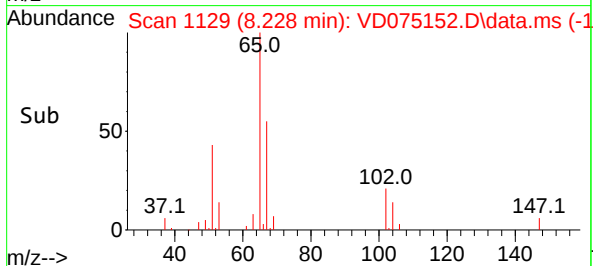
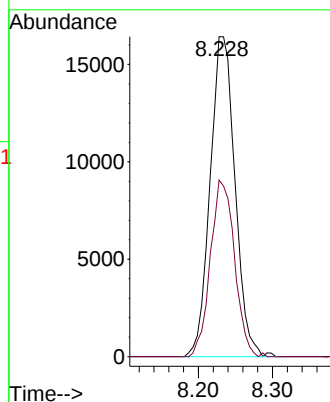
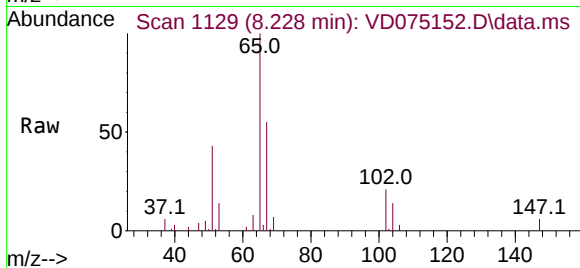
OK-02-011923

Tgt Ion: 65 Resp: 38256

Ion Ratio Lower Upper

65 100

67 53.6 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: VD075152.D

Acq: 20 Jan 2023 14:41

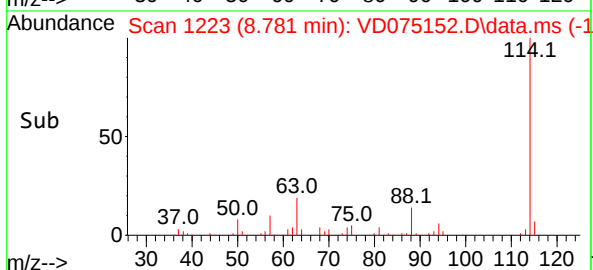
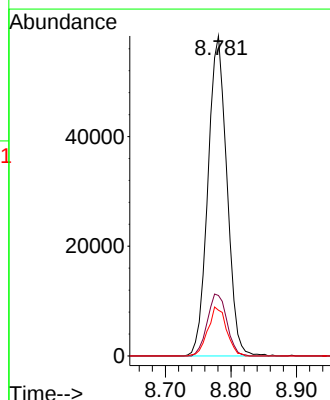
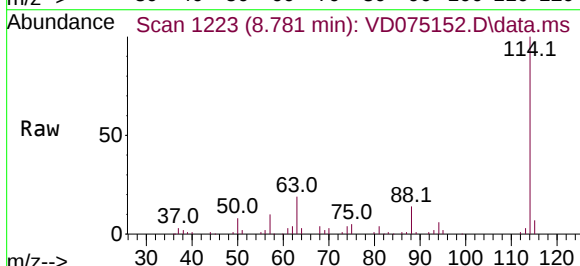
Tgt Ion: 114 Resp: 117097

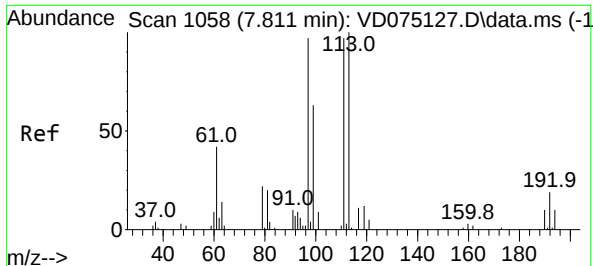
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 14.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.183 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075152.D

Acq: 20 Jan 2023 14:41

Instrument :

MSVOA_D

ClientSampleId :

OK-02-011923

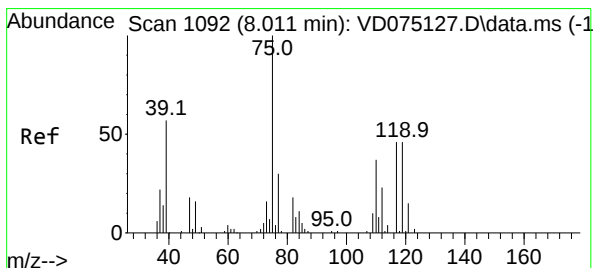
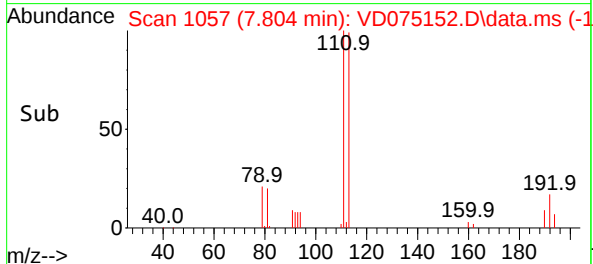
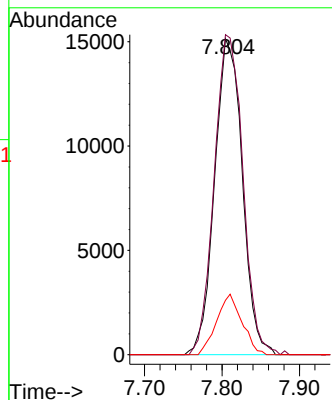
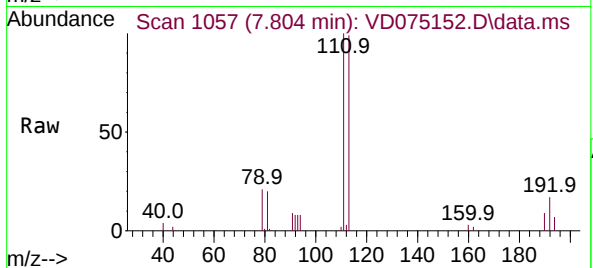
Tgt Ion:113 Resp: 37631

Ion Ratio Lower Upper

113 100

111 104.7 80.1 120.1

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.182 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075152.D

Acq: 20 Jan 2023 14:41

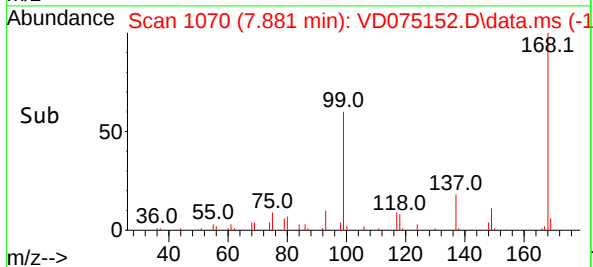
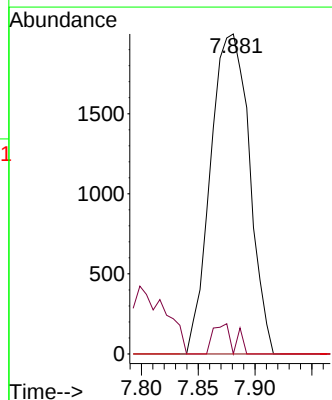
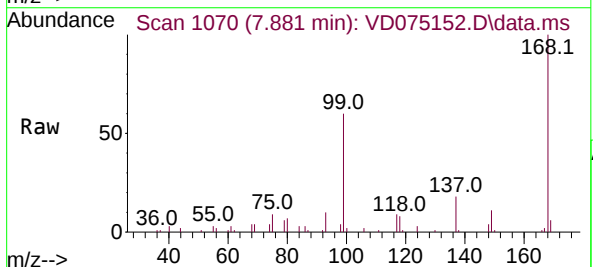
Tgt Ion: 75 Resp: 4754

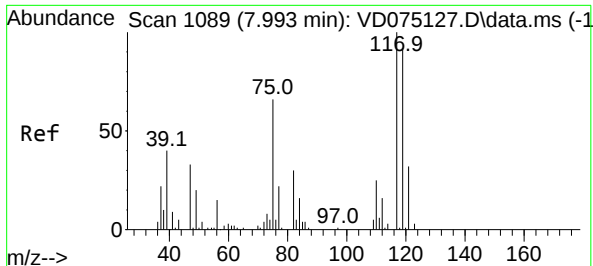
Ion Ratio Lower Upper

75 100

110 5.0 18.1 54.4#

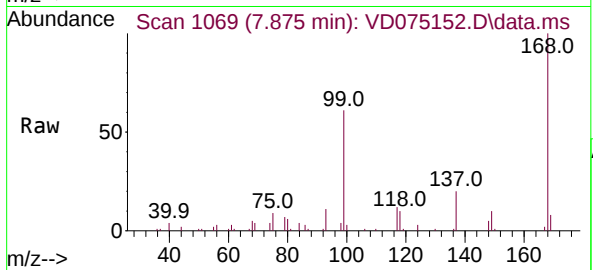
77 0.0 25.1 37.7#



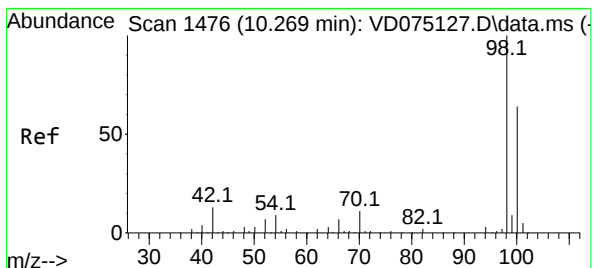
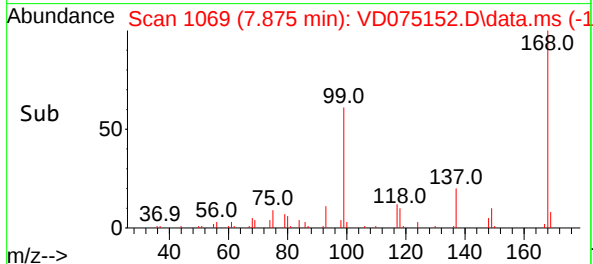
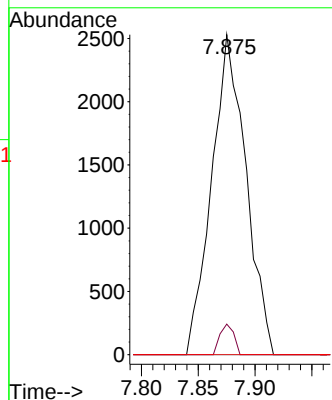


#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

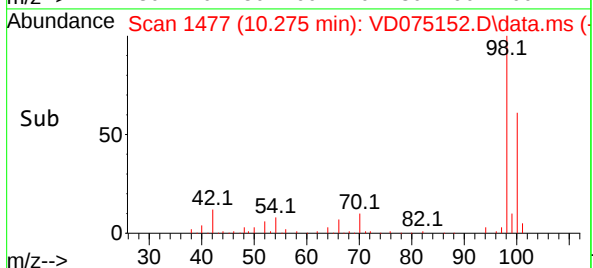
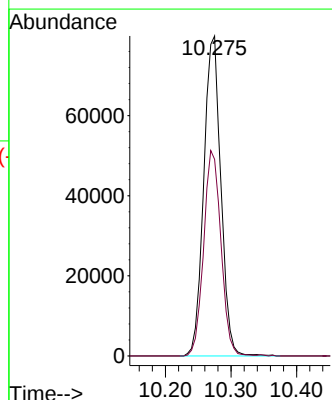
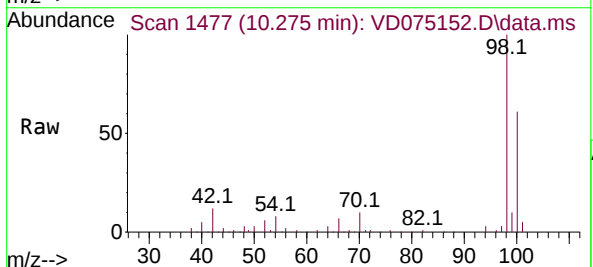


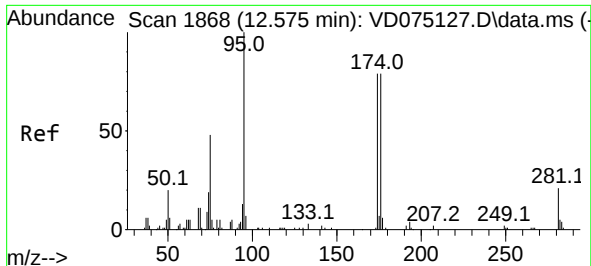
Tgt Ion:117 Resp: 5310
Ion Ratio Lower Upper
117 100
119 9.5 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.124 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

Tgt Ion: 98 Resp: 145219
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

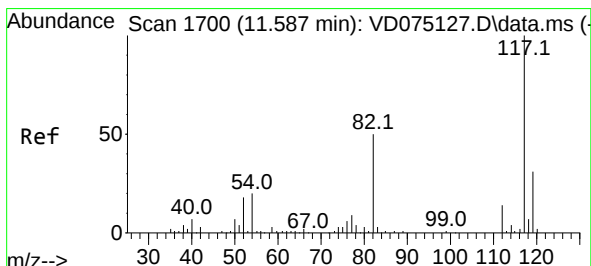
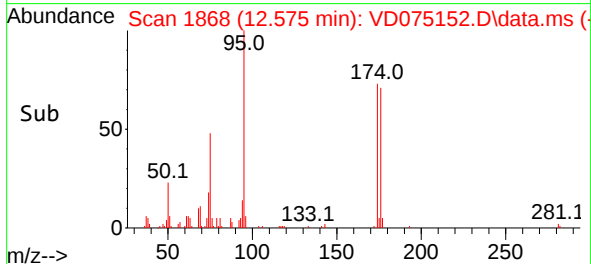
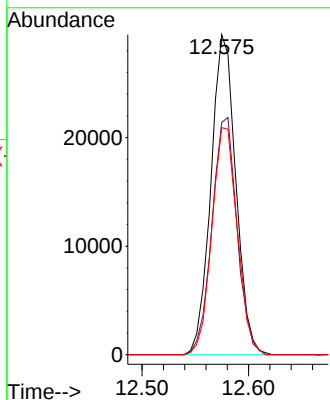
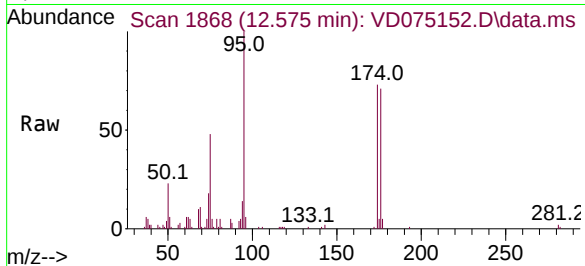




#62
4-Bromofluorobenzene
Concen: 54.047 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

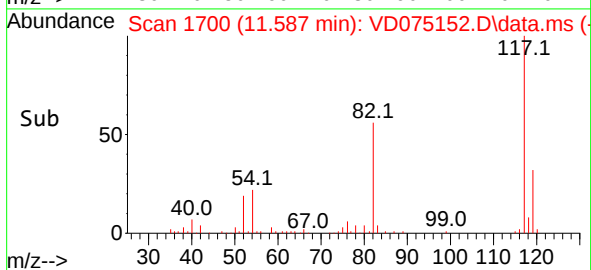
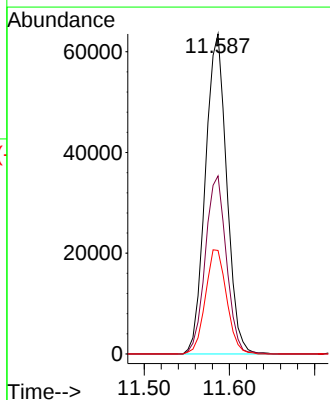
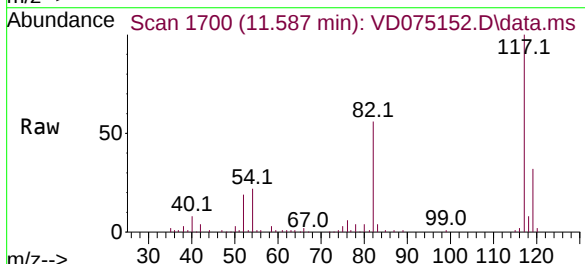
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

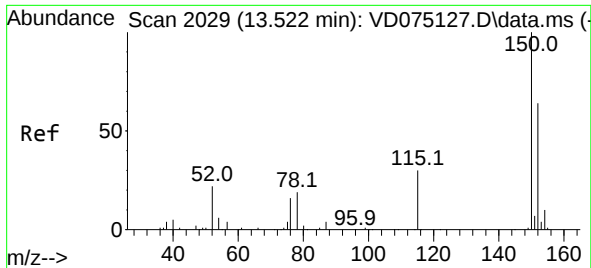
Tgt Ion:	95	Resp:	47788
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	161.2
176	72.4	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

Tgt Ion:	117	Resp:	110520
Ion	Ratio	Lower	Upper
117	100		
82	55.6	39.6	59.4
119	32.4	24.6	37.0

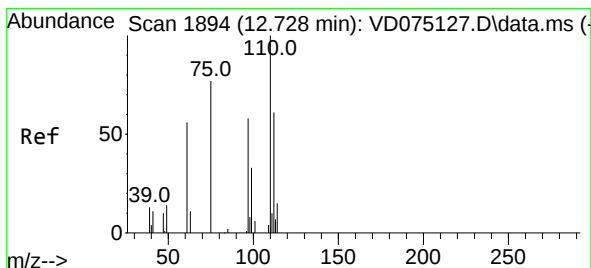
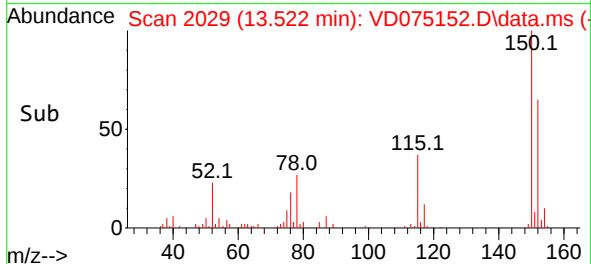
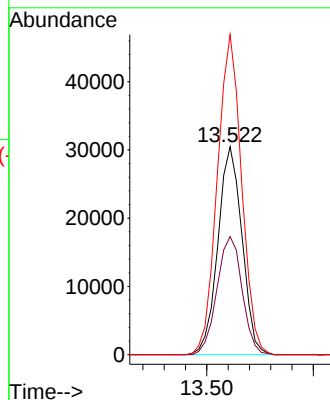
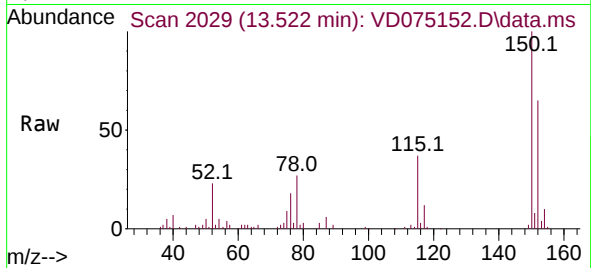




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

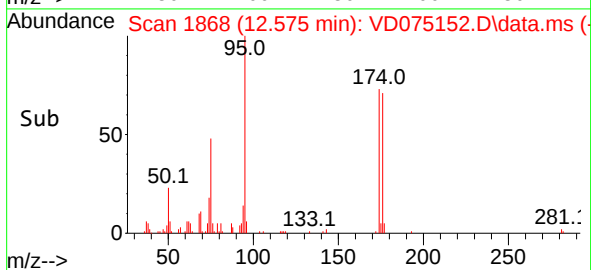
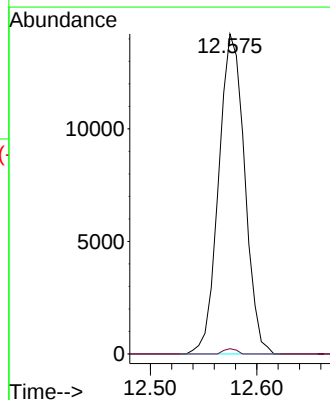
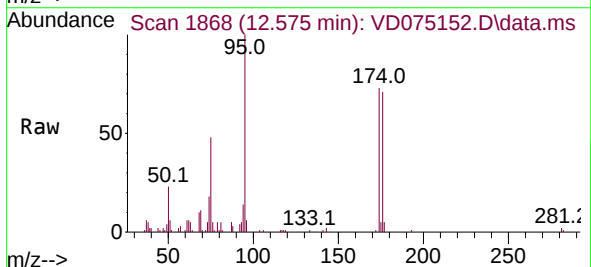
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

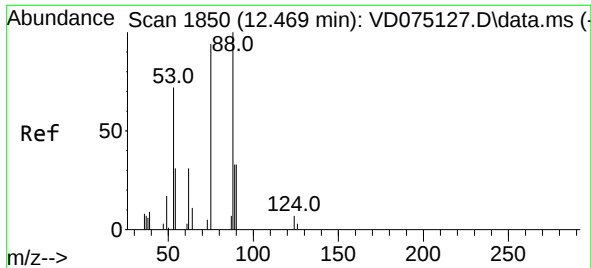
Tgt Ion:152 Resp: 47788
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.4
150 154.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 59.467 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075152.D
Acq: 20 Jan 2023 14:41

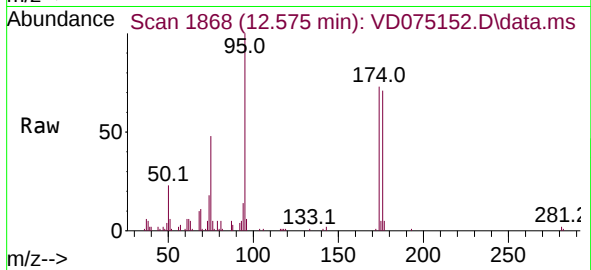
Tgt Ion: 75 Resp: 24068
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.938 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075152.D
 Acq: 20 Jan 2023 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-011923



Tgt Ion: 75 Resp: 24068
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

