

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075157.D
 Acq On : 20 Jan 2023 16:58
 Operator : KP/SY
 Sample : 01233-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36A

Quant Time: Jan 23 00:32:41 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)

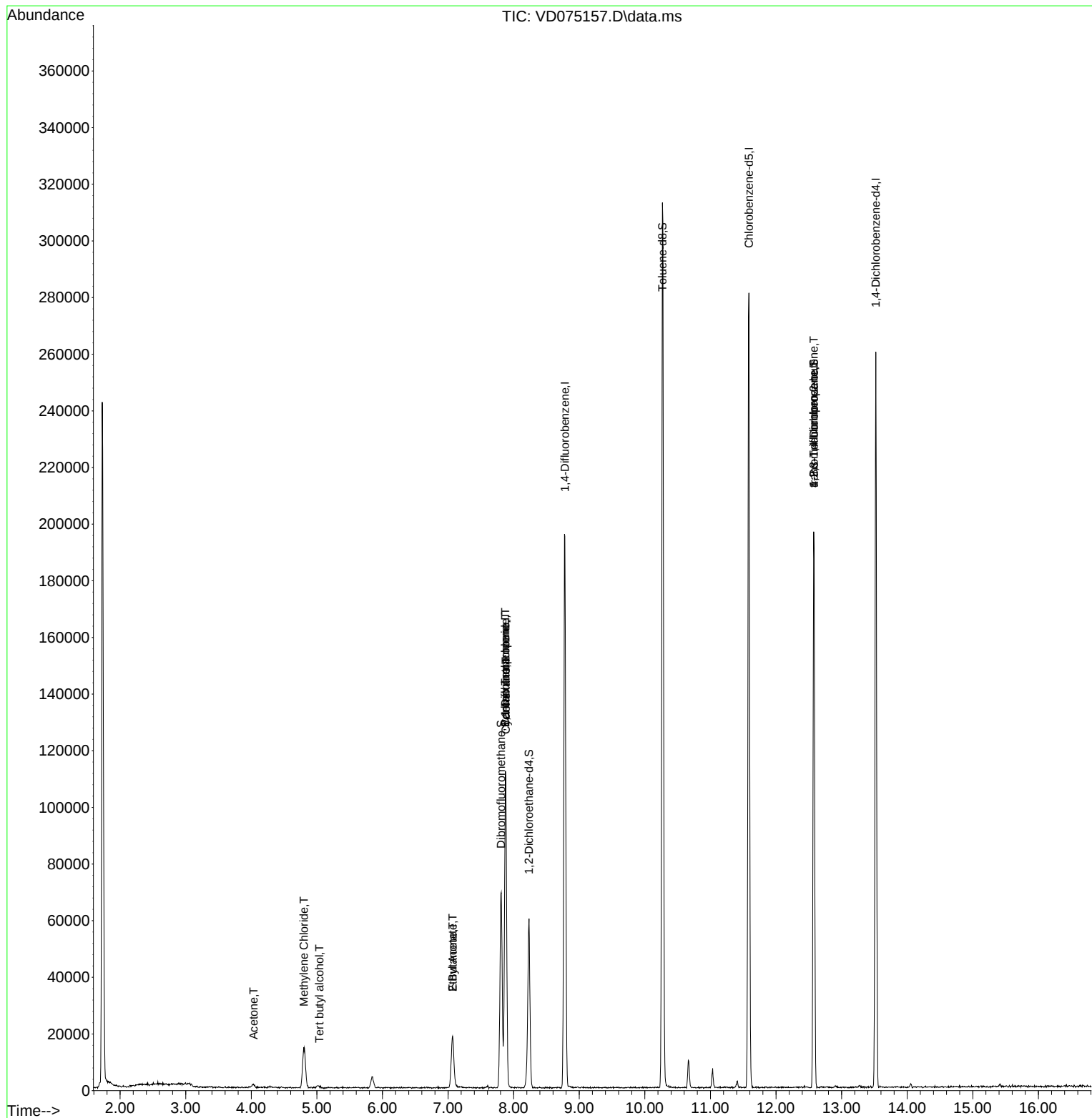
Internal Standards						
1) Pentafluorobenzene	7.875	168	82971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	158524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44545	52.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.220%	
35) Dibromofluoromethane	7.810	113	50806	48.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.960%	
50) Toluene-d8	10.269	98	218258	52.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.575	95	64263	49.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	158	2.675	ug/l #	89
16) Acetone	4.034	43	2392	10.712	ug/l	90
20) Methylene Chloride	4.805	84	11328	2.223	ug/l	95
25) 2-Butanone	7.069	43	1216	4.506	ug/l #	50
31) Cyclohexane	7.881	56	1983	1.168	ug/l #	37
36) 1,1-Dichloropropene	7.875	75	7154	4.248	ug/l #	43
37) Ethyl Acetate	7.069	43	1216	1.792	ug/l #	19
38) Carbon Tetrachloride	7.875	117	8374	5.906	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	35000	63.713	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35000	147.786	ug/l #	14

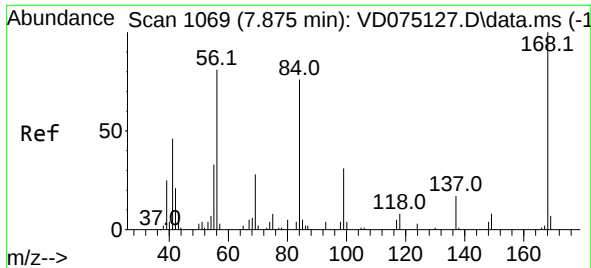
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
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B-P36A

Quant Time: Jan 23 00:32:41 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

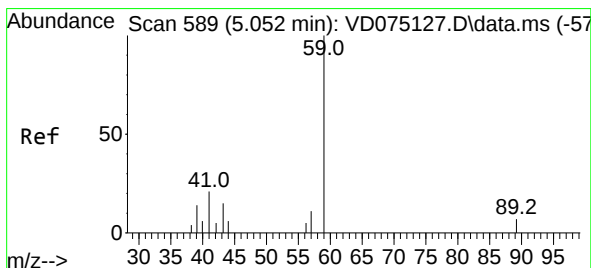
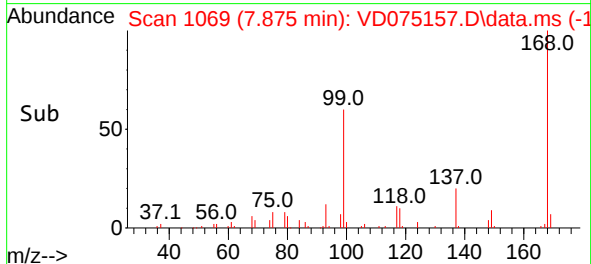
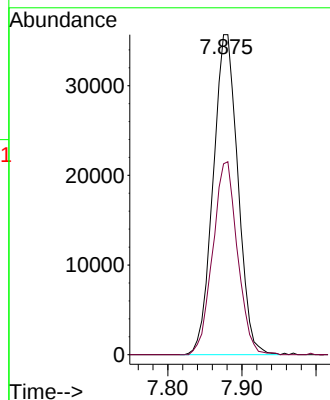
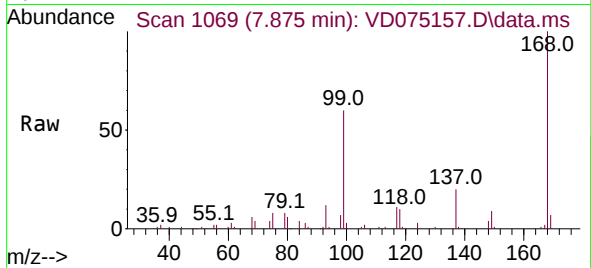




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

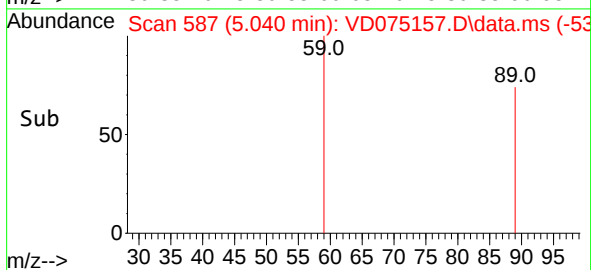
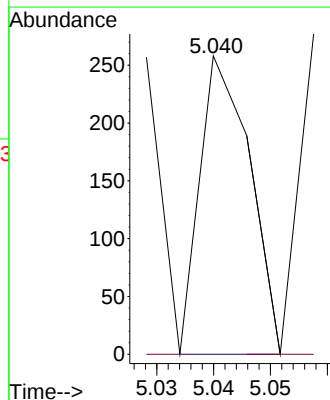
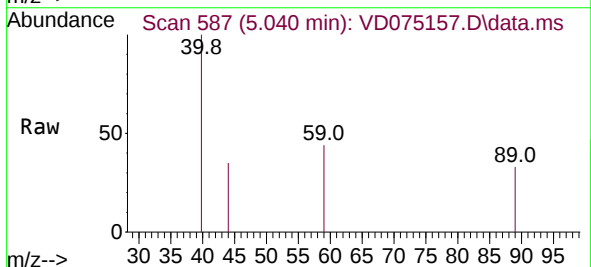
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

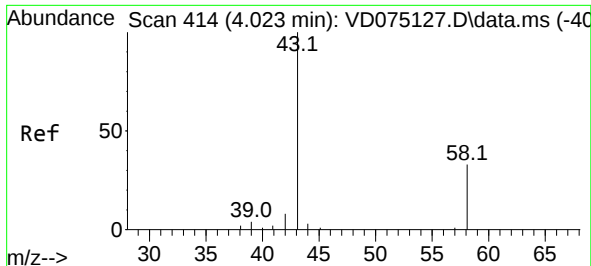
Tgt Ion:168 Resp: 82971
Ion Ratio Lower Upper
168 100
99 59.6 45.2 67.8



#11
Tert butyl alcohol
Concen: 2.675 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.012 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#





#16

Acetone

Concen: 10.712 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD075157.D

Acq: 20 Jan 2023 16:58

Instrument :

MSVOA_D

ClientSampleId :

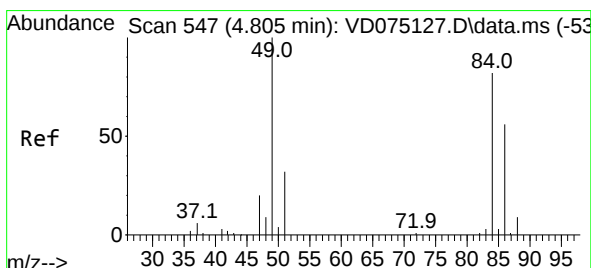
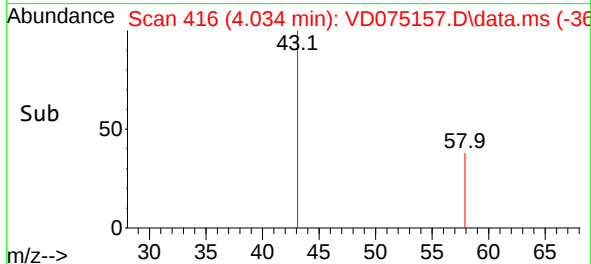
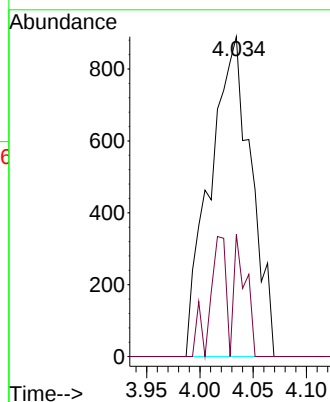
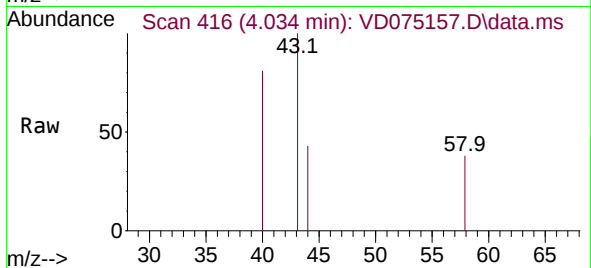
B-P36A

Tgt Ion: 43 Resp: 2392

Ion Ratio Lower Upper

43 100

58 38.2 26.0 39.0



#20

Methylene Chloride

Concen: 2.223 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075157.D

Acq: 20 Jan 2023 16:58

Tgt Ion: 84 Resp: 11328

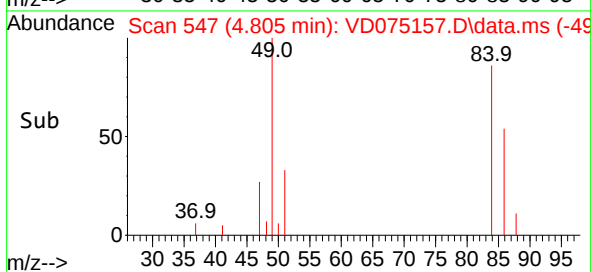
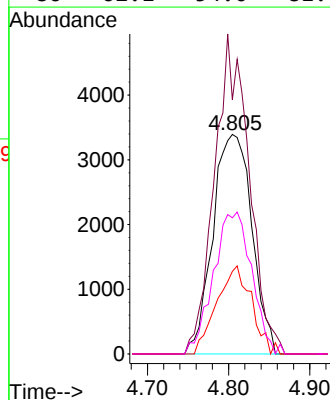
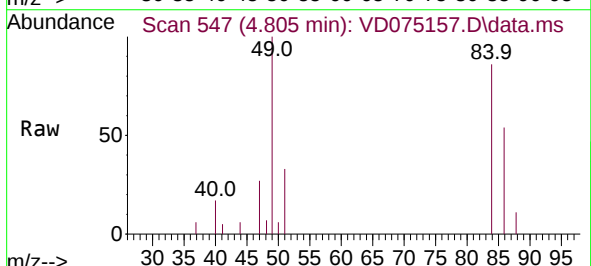
Ion Ratio Lower Upper

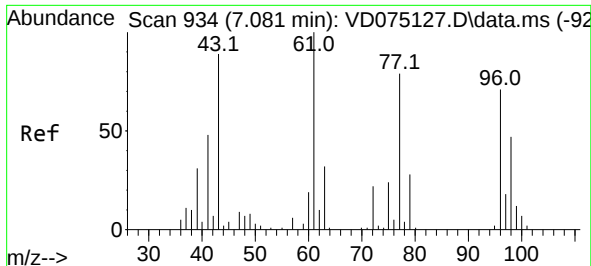
84 100

49 115.8 97.0 145.6

51 37.6 30.9 46.3

86 62.1 54.0 81.0

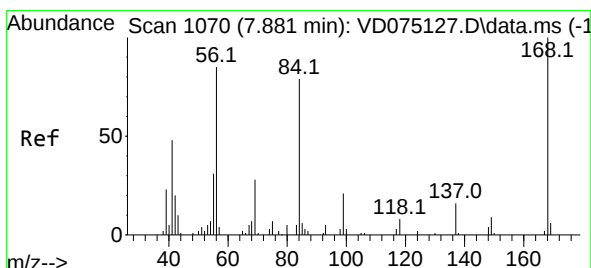
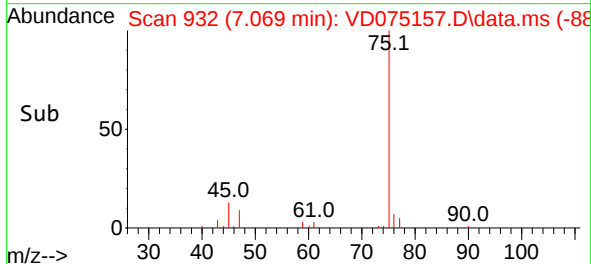
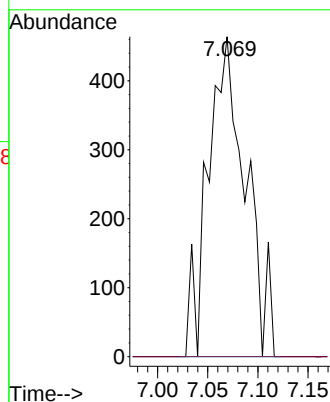
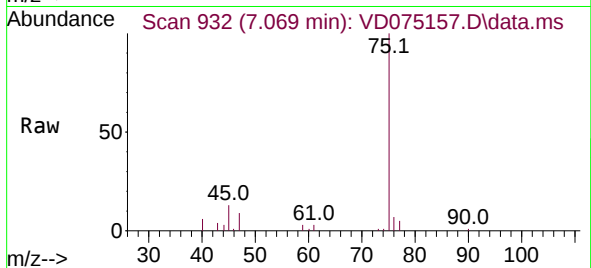




#25
2-Butanone
Concen: 4.506 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

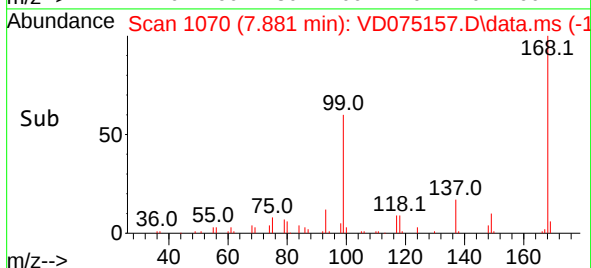
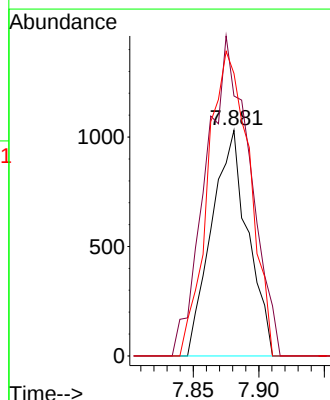
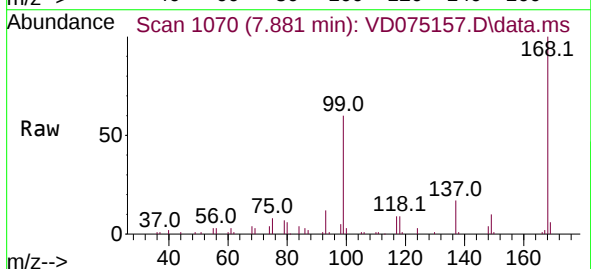
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

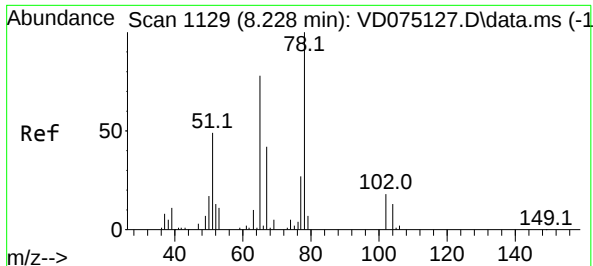
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Tgt Ion: 56 Resp: 1983
Ion Ratio Lower Upper
56 100
69 115.2 26.6 40.0#
84 125.2 74.1 111.1#





#33

1,2-Dichloroethane-d4

Concen: 52.613 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075157.D

Acq: 20 Jan 2023 16:58

Instrument :

MSVOA_D

ClientSampleId :

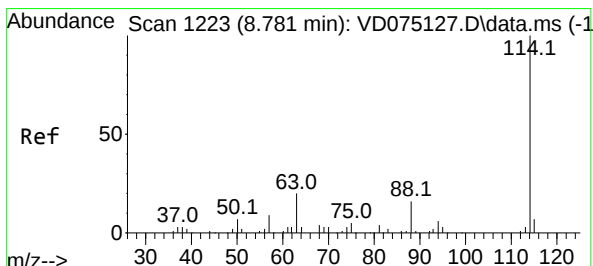
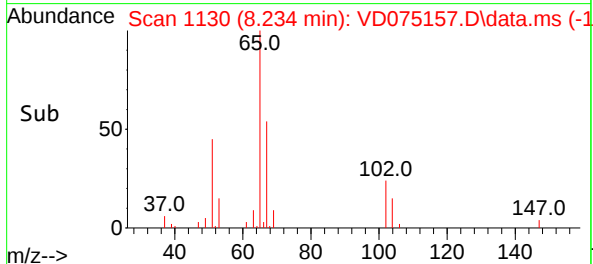
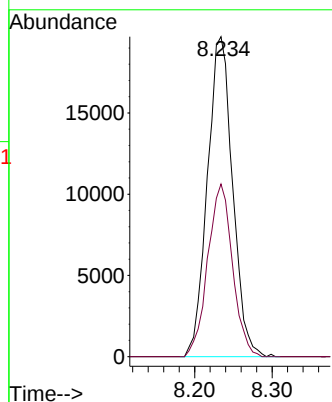
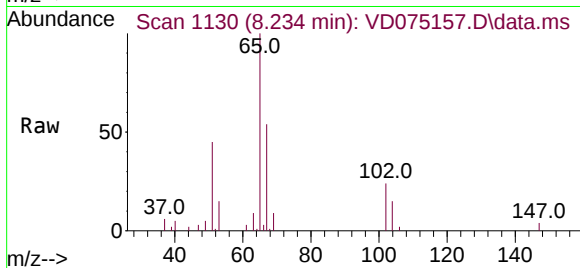
B-P36A

Tgt Ion: 65 Resp: 44545

Ion Ratio Lower Upper

65 100

67 53.0 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: VD075157.D

Acq: 20 Jan 2023 16:58

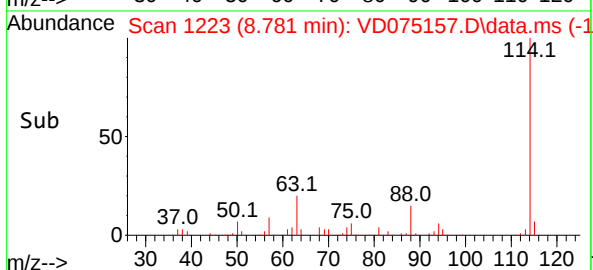
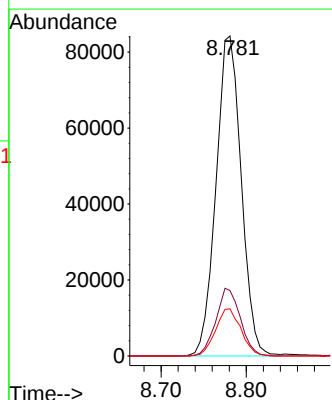
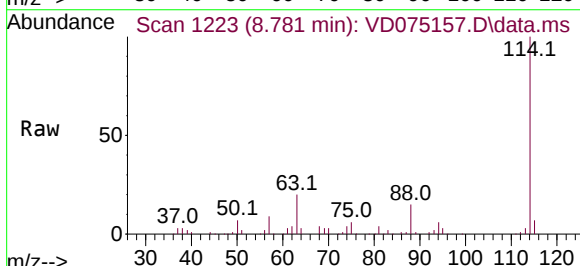
Tgt Ion: 114 Resp: 173442

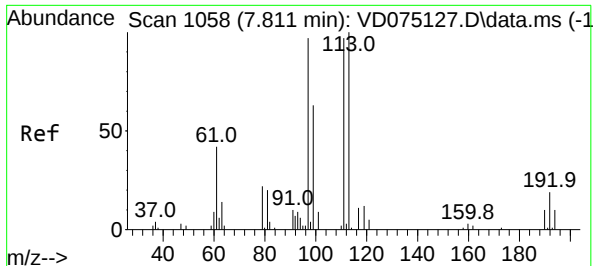
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.7 0.0 32.2

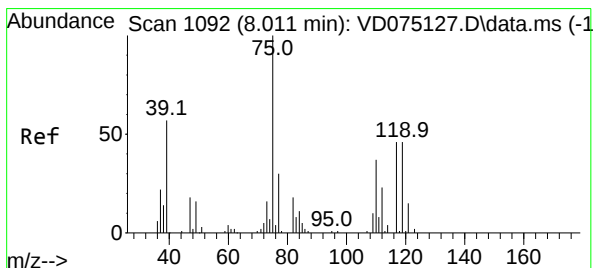
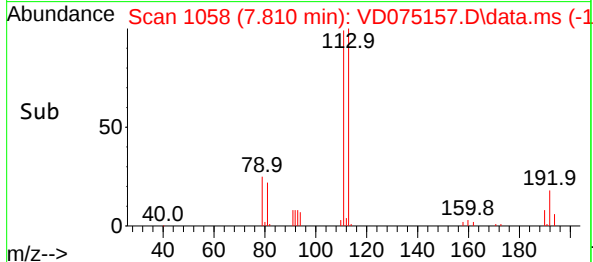
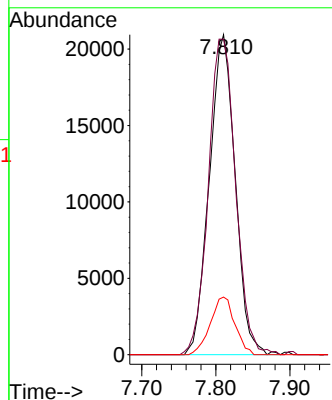
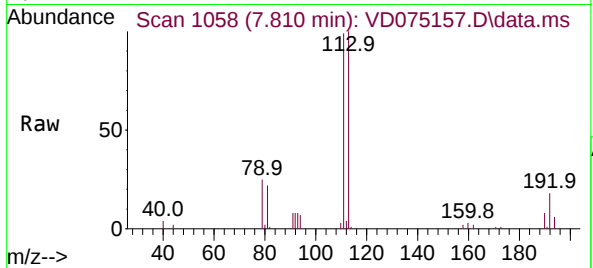




#35
 Dibromofluoromethane
 Concen: 48.476 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD075157.D
 Acq: 20 Jan 2023 16:58

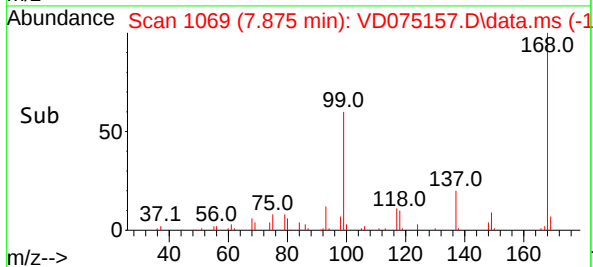
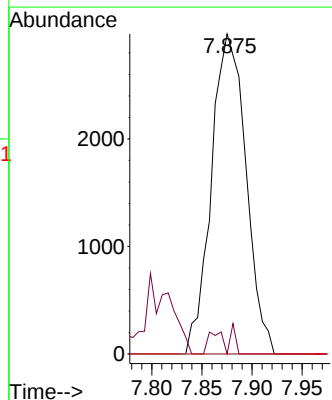
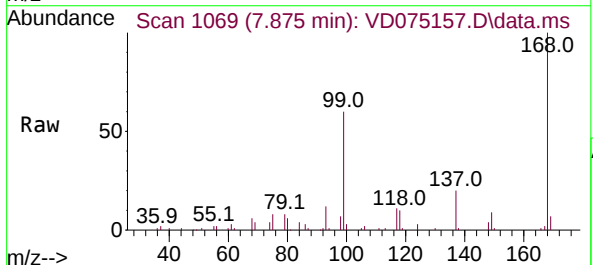
Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36A

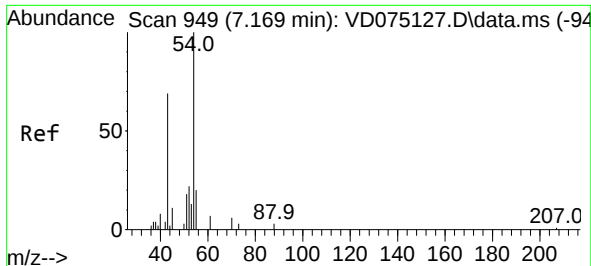
Tgt Ion:113	Resp:	50806
Ion	Ratio	Lower Upper
113	100	
111	104.1	80.1 120.1
192	17.0	15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.248 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD075157.D
 Acq: 20 Jan 2023 16:58

Tgt Ion: 75	Resp:	7154
Ion	Ratio	Lower Upper
75	100	
110	2.9	18.1 54.4#
77	0.0	25.1 37.7#





#37

Ethyl Acetate

Concen: 1.792 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.100 min

Lab File: VD075157.D

Acq: 20 Jan 2023 16:58

Instrument :

MSVOA_D

ClientSampleId :

B-P36A

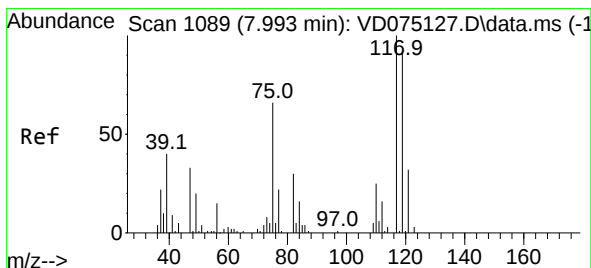
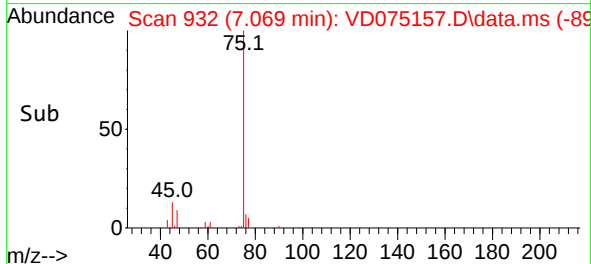
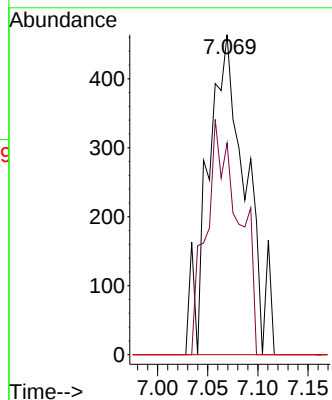
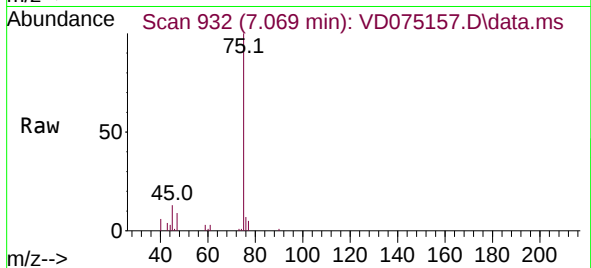
Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

61 63.8 11.7 17.5#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075157.D

Acq: 20 Jan 2023 16:58

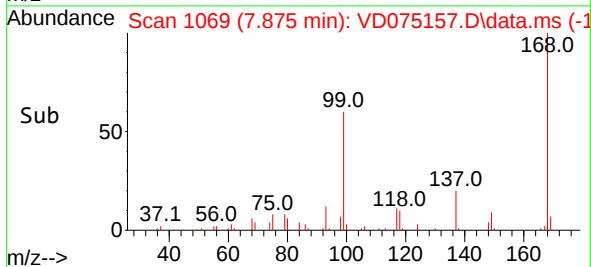
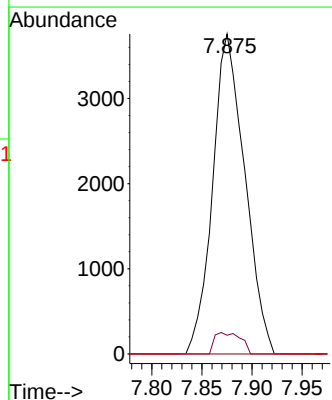
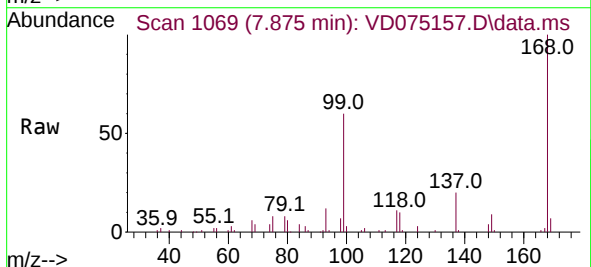
Tgt Ion: 117 Resp: 8374

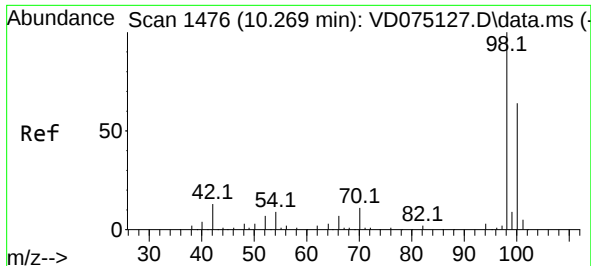
Ion Ratio Lower Upper

117 100

119 5.9 73.6 110.4#

121 0.0 25.4 38.0#

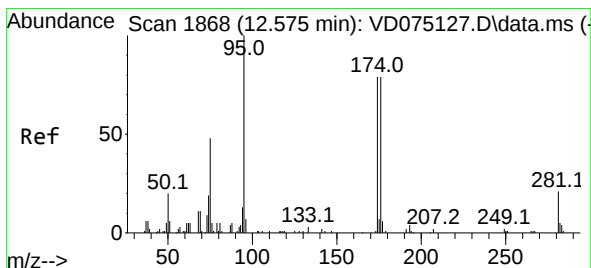
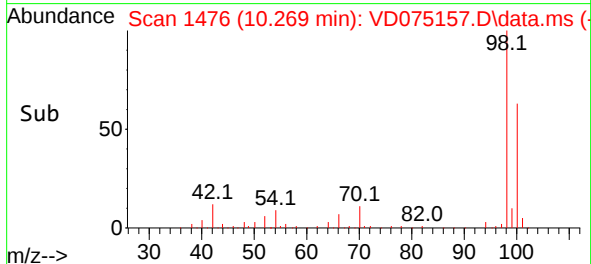
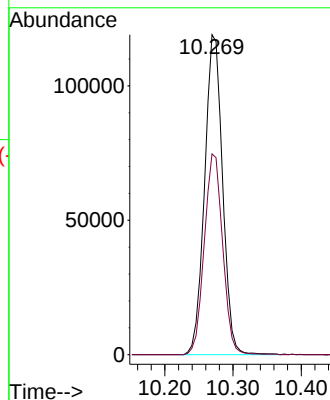
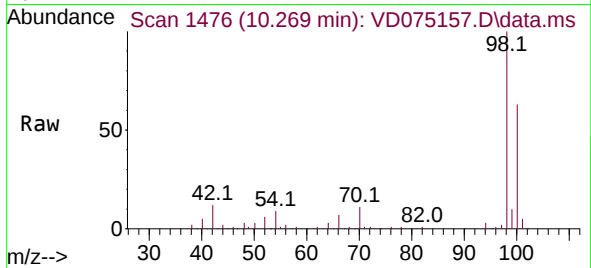




#50
Toluene-d8
Concen: 52.891 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

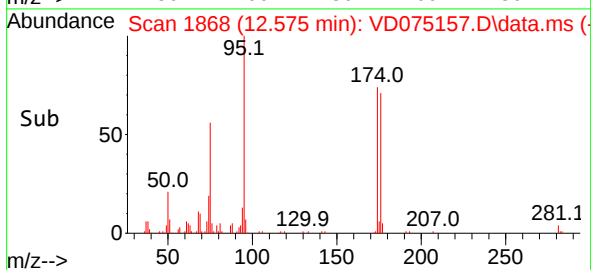
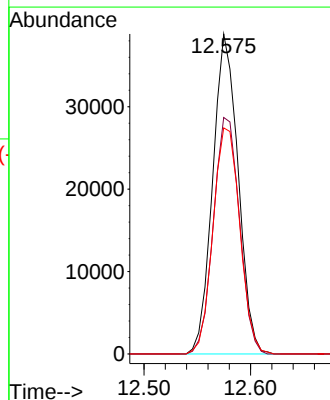
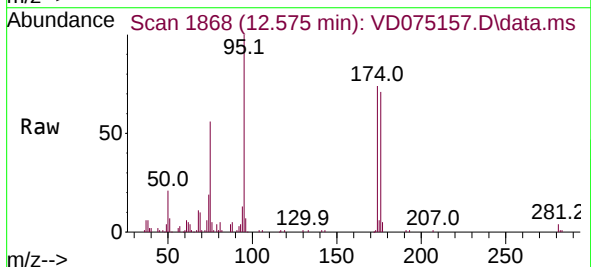
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

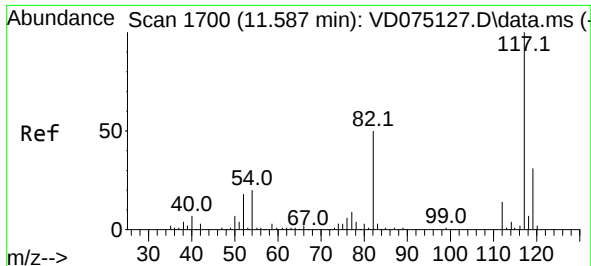
Tgt Ion: 98 Resp: 218258
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.069 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Tgt Ion: 95 Resp: 64263
Ion Ratio Lower Upper
95 100
174 75.9 0.0 161.2
176 74.6 0.0 160.2

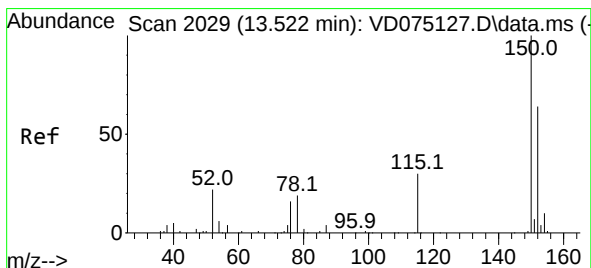
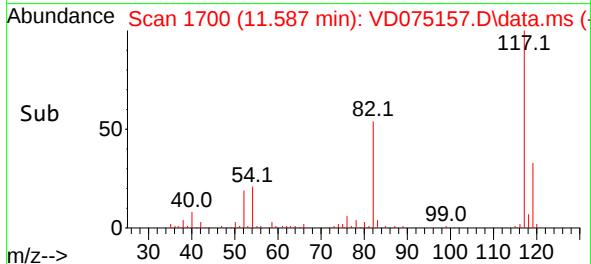
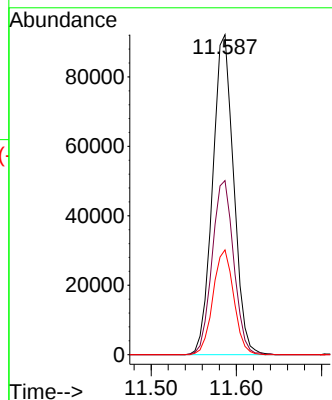
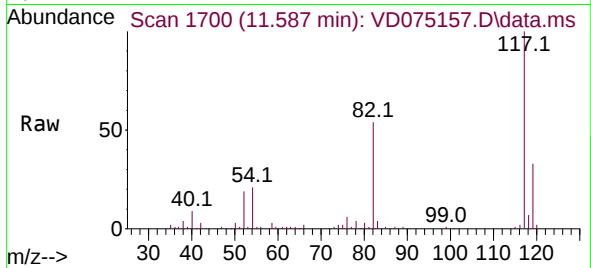




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

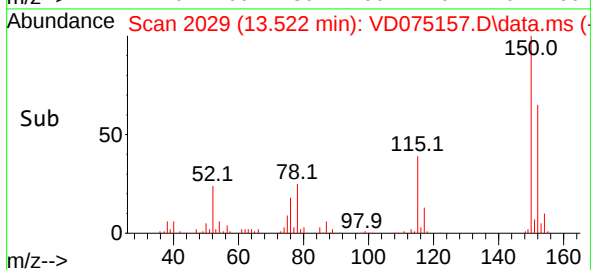
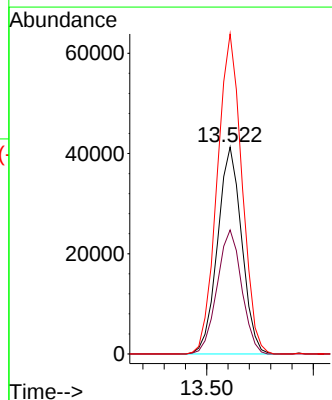
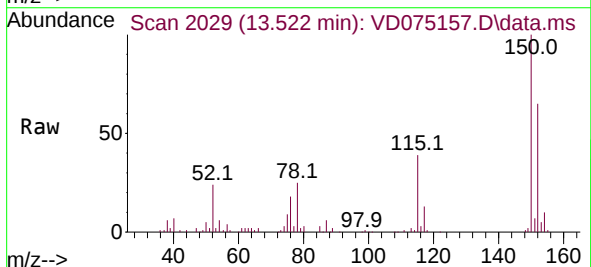
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

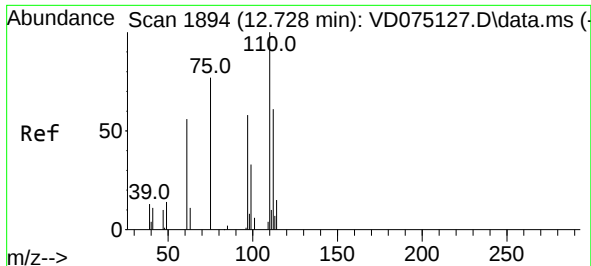
Tgt Ion:117 Resp: 158524
Ion Ratio Lower Upper
117 100
82 54.4 39.6 59.4
119 32.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Tgt Ion:152 Resp: 64863
Ion Ratio Lower Upper
152 100
115 60.8 28.8 86.4
150 158.4 0.0 348.6

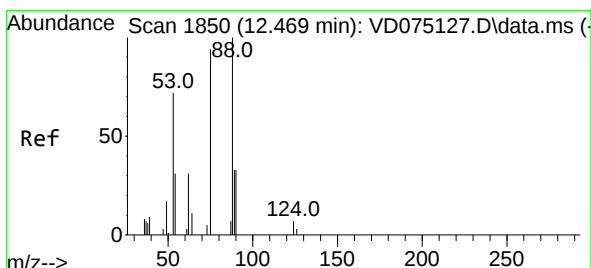
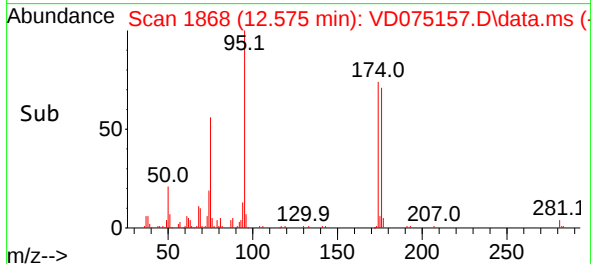
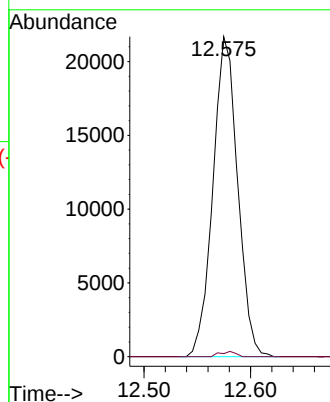
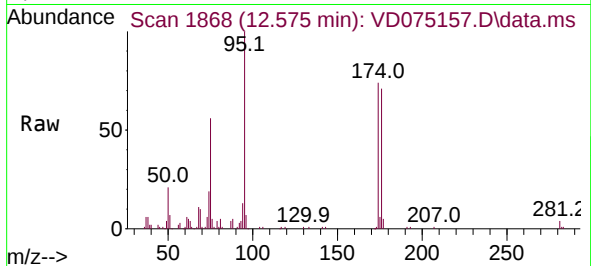




#76
1,2,3-Trichloropropane
Concen: 63.713 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Instrument :
MSVOA_D
ClientSampleId :
B-P36A

Tgt Ion: 75 Resp: 35000
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.786 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075157.D
Acq: 20 Jan 2023 16:58

Tgt Ion: 75 Resp: 35000
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

