

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075173.D
 Acq On : 23 Jan 2023 14:04
 Operator : KP/SY
 Sample : 01233-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P34B

Quant Time: Jan 23 14:11:08 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)

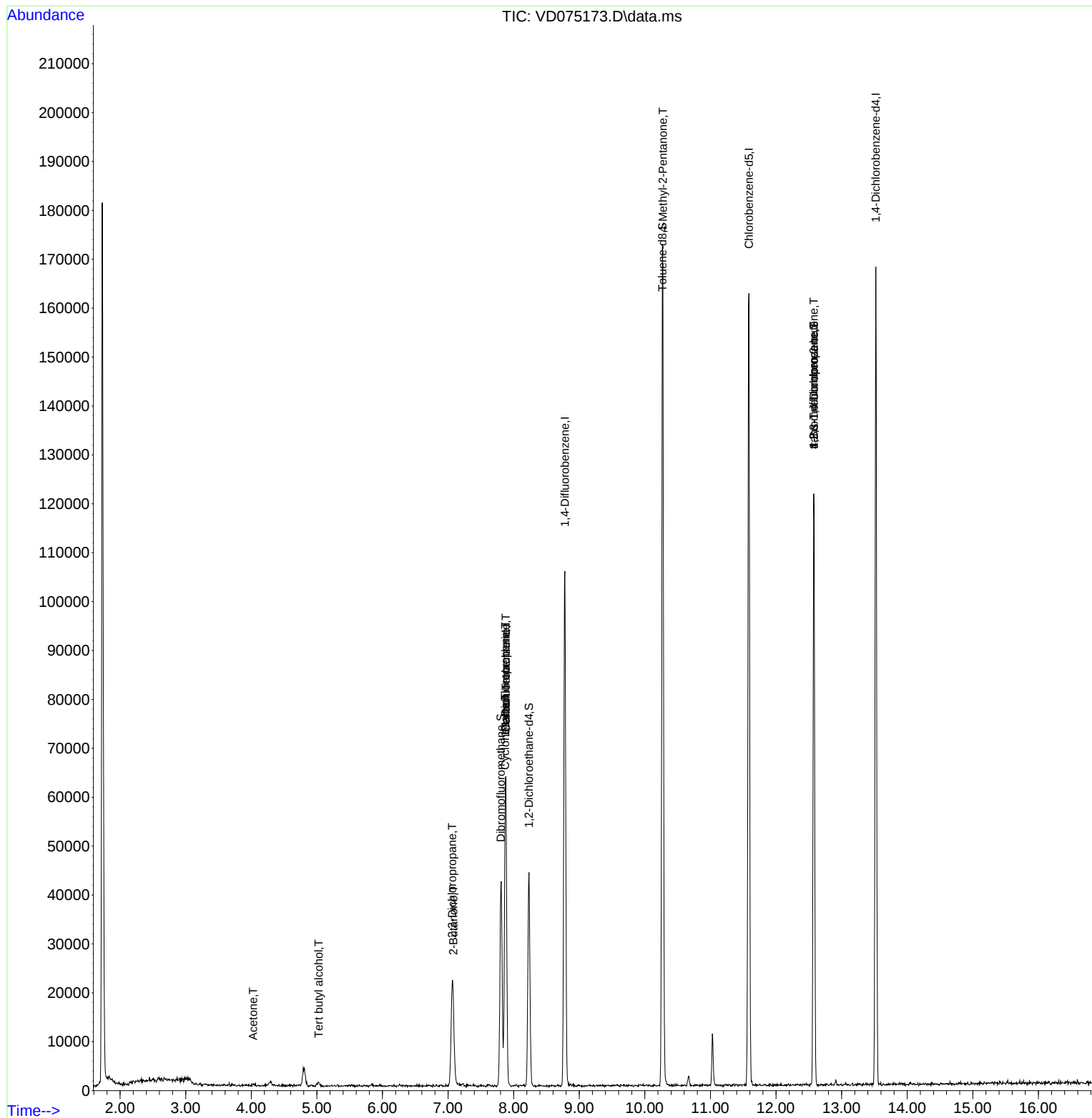
Internal Standards						
1) Pentafluorobenzene	7.881	168	49085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	95032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	93578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	41757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33237	66.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.720%	
35) Dibromofluoromethane	7.804	113	30709	53.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.269	98	119243	52.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.575	95	40309	56.173	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.028	59	460	13.164	ug/l #	89
16) Acetone	4.028	43	595	4.504	ug/l #	42
20) Methylene Chloride	4.805	84	2803	Below Cal	#	85
25) 2-Butanone	7.081	43	1221	7.647	ug/l #	50
26) 2,2-Dichloropropane	7.063	77	1626	1.710	ug/l #	51
31) Cyclohexane	7.869	56	1205	1.200	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	4389	4.757	ug/l #	45
38) Carbon Tetrachloride	7.881	117	5274	6.789	ug/l #	20
51) 4-Methyl-2-Pentanone	10.275	43	466	1.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	21360	60.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	21360	140.099	ug/l #	14

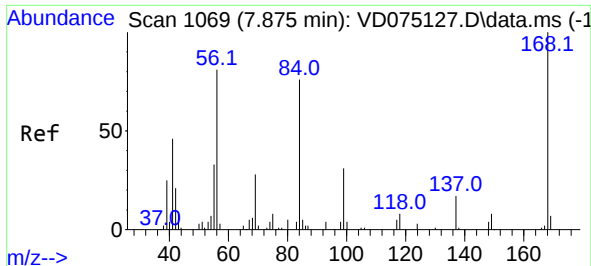
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

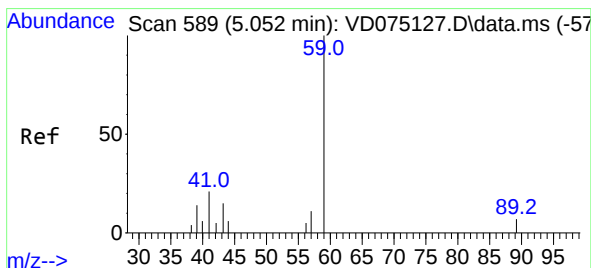
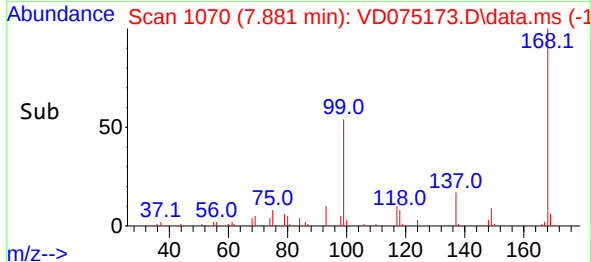
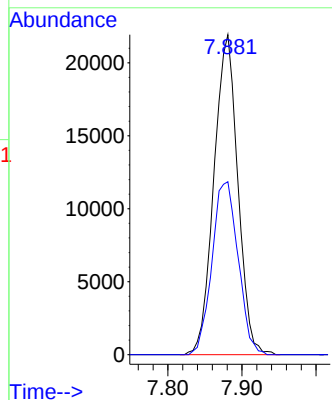
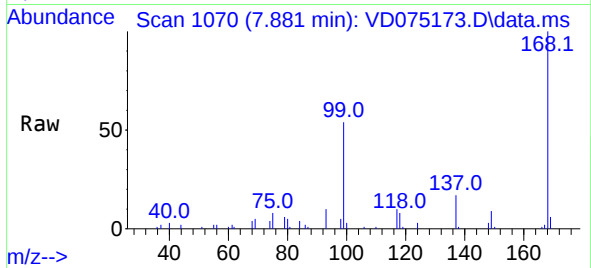




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

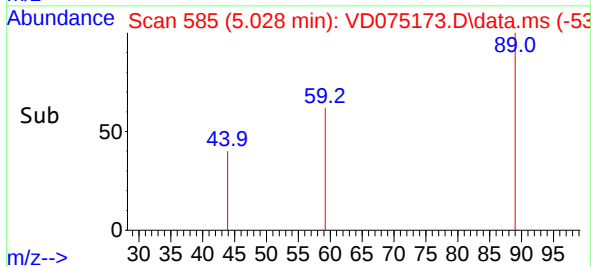
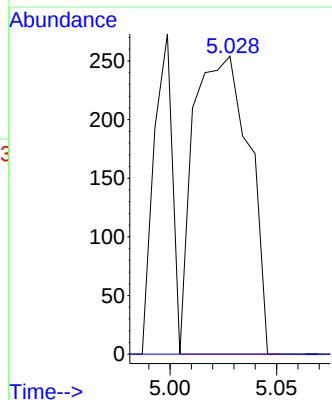
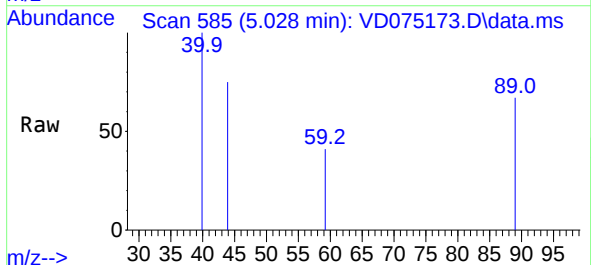
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

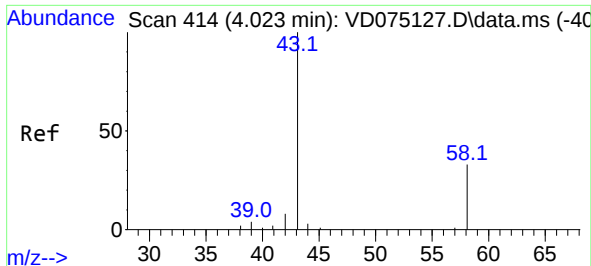
Tgt Ion:168 Resp: 49085
Ion Ratio Lower Upper
168 100
99 54.1 45.2 67.8



#11
Tert butyl alcohol
Concen: 13.164 ug/l
RT: 5.028 min Scan# 585
Delta R.T. -0.024 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#

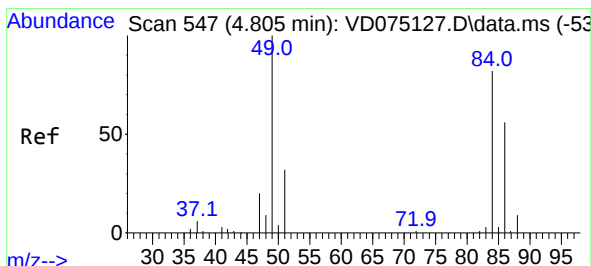
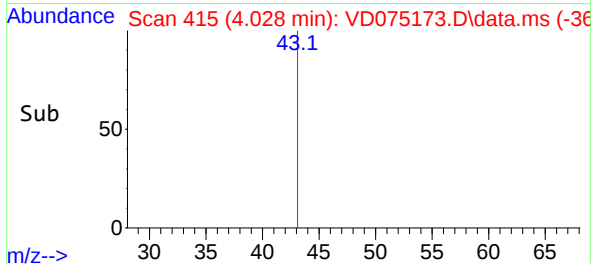
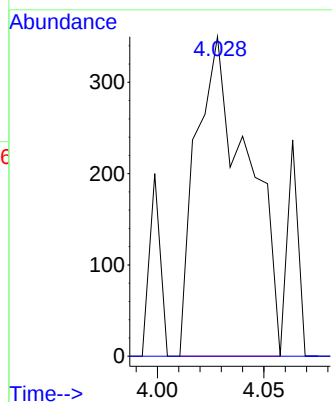
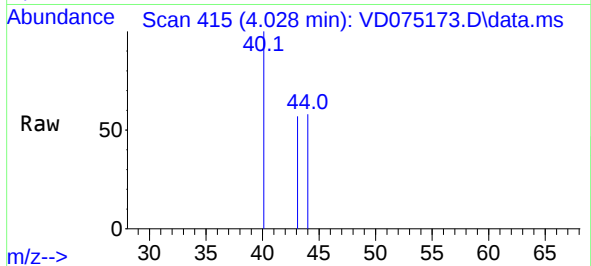




#16
Acetone
Concen: 4.504 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

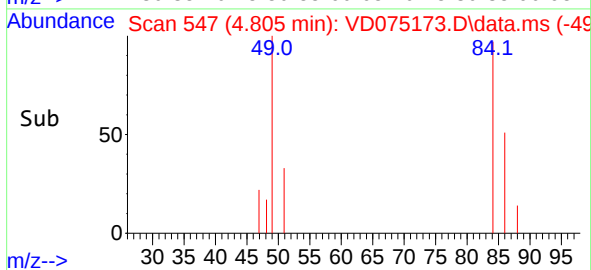
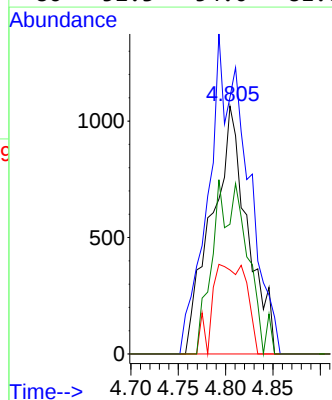
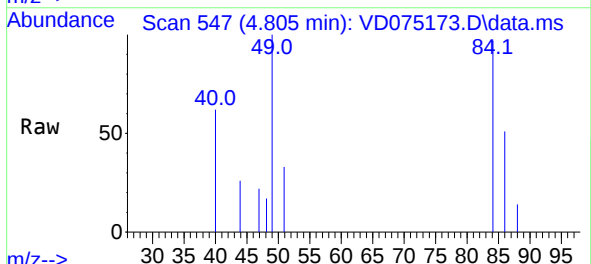
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

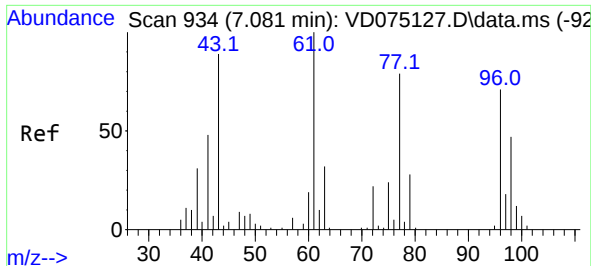
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 84 Resp: 2803
Ion Ratio Lower Upper
84 100
49 103.6 97.0 145.6
51 33.9 30.9 46.3
86 52.3 54.0 81.0#

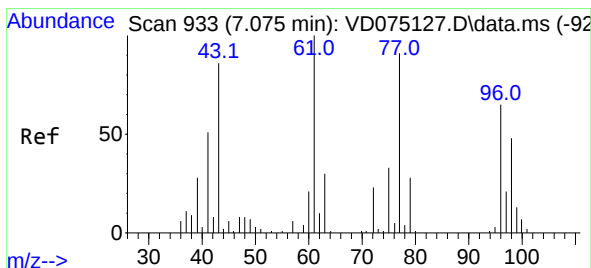
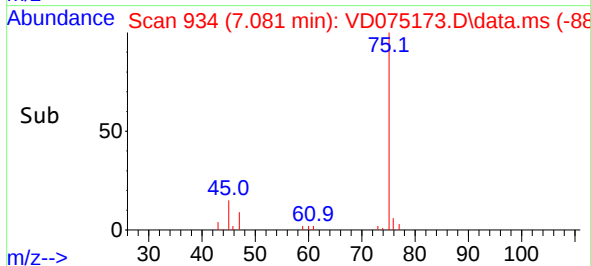
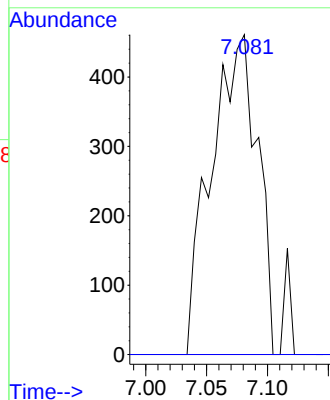
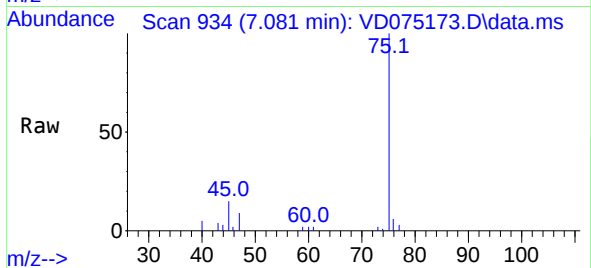




#25
2-Butanone
Concen: 7.647 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

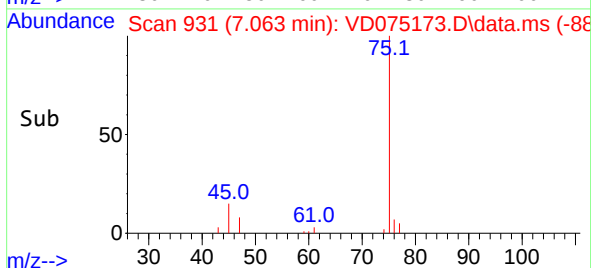
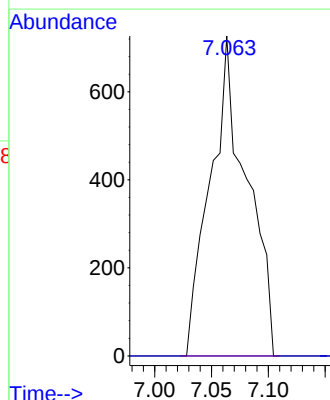
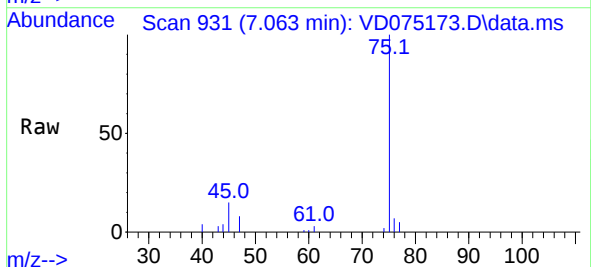
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

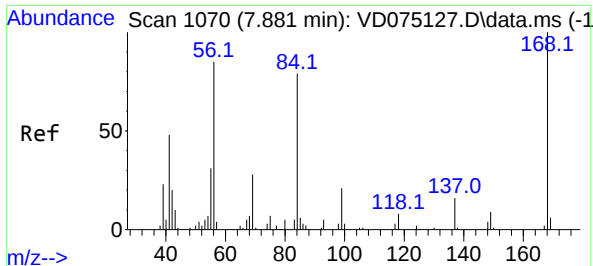
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 1.710 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

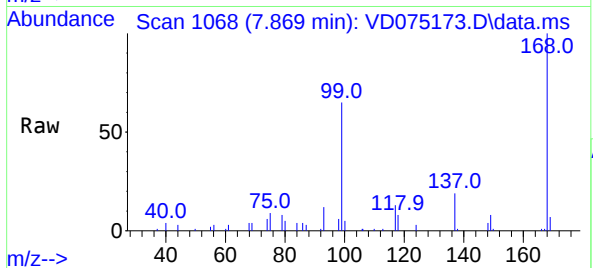
Tgt Ion: 77 Resp: 1626
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.0#



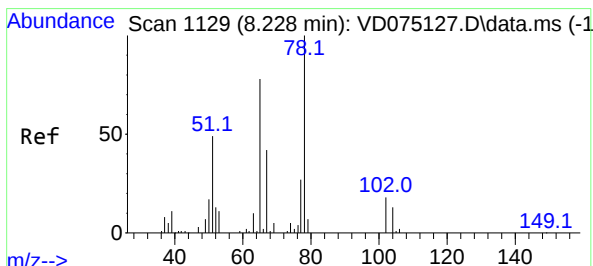
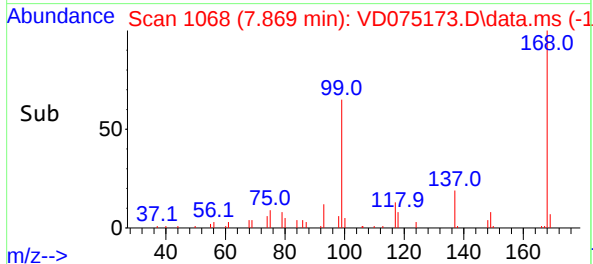
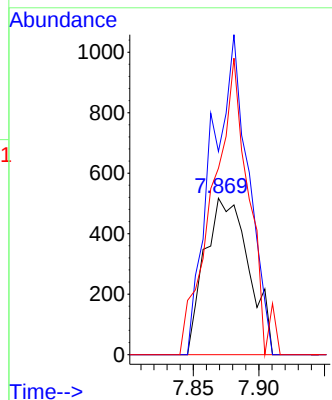


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.869 min Scan# 1105
Delta R.T. -0.012 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Instrument :
MSVOA_D
ClientSampleId :
B-P34B

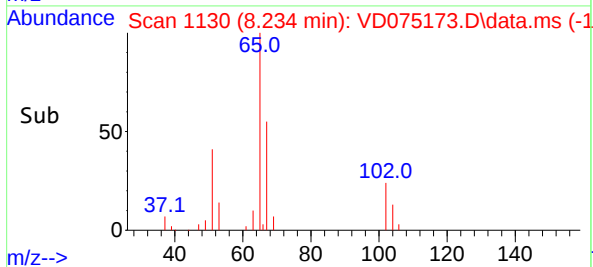
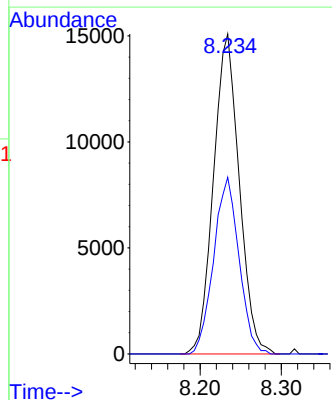
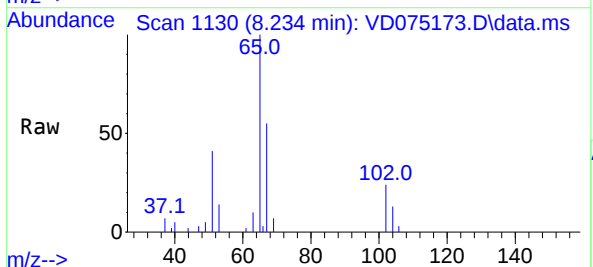


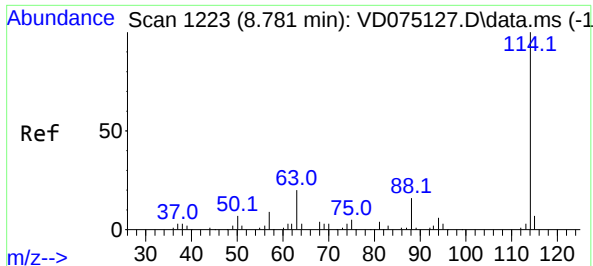
Tgt Ion: 56 Resp: 1205
Ion Ratio Lower Upper
56 100
69 130.0 26.6 40.0#
84 119.1 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 66.358 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 65 Resp: 33237
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.2

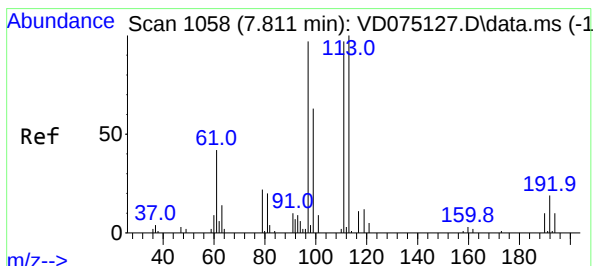
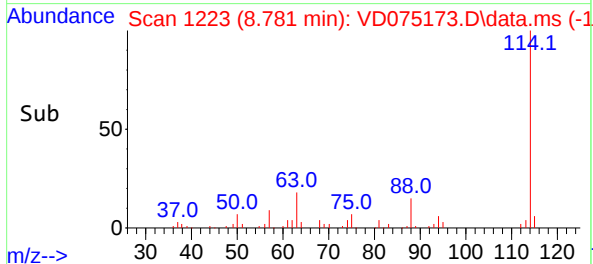
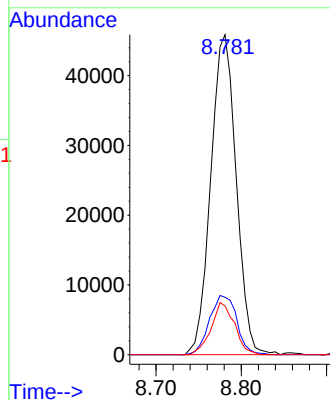
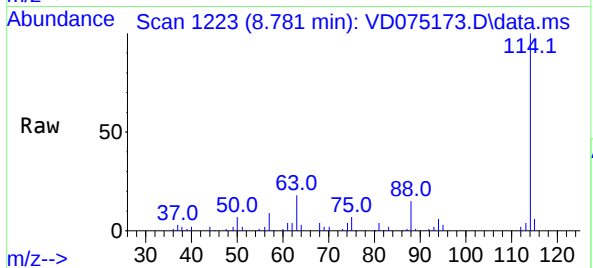




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

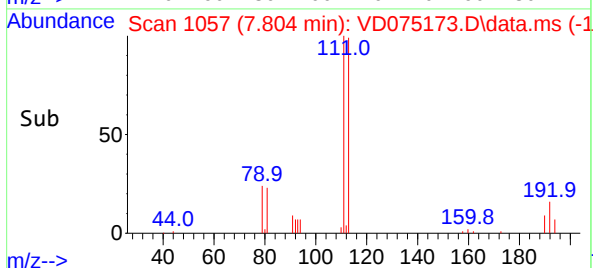
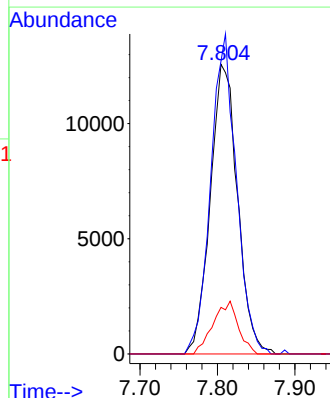
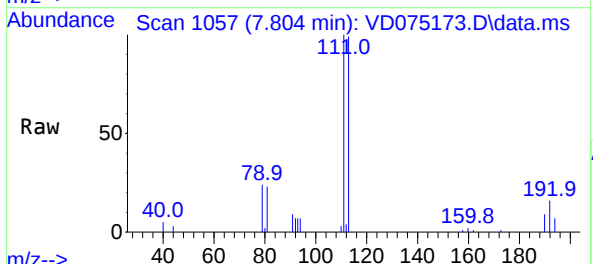
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

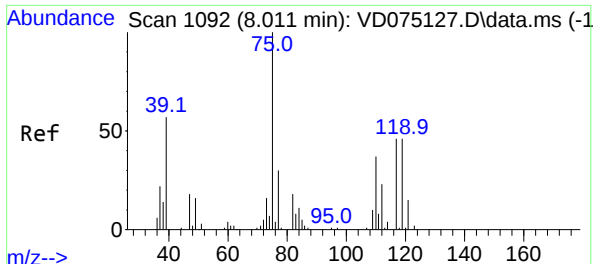
Tgt Ion:114 Resp: 95032
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.2
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 53.477 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion:113 Resp: 30709
Ion Ratio Lower Upper
113 100
111 103.9 80.1 120.1
192 16.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075173.D

Acq: 23 Jan 2023 14:04

Instrument :

MSVOA_D

ClientSampleId :

B-P34B

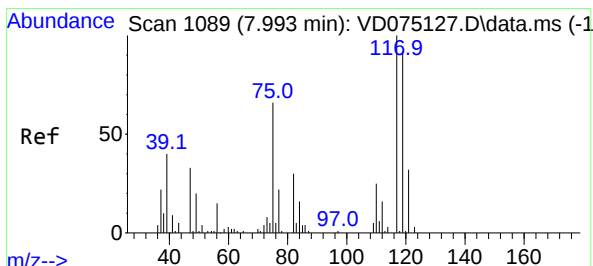
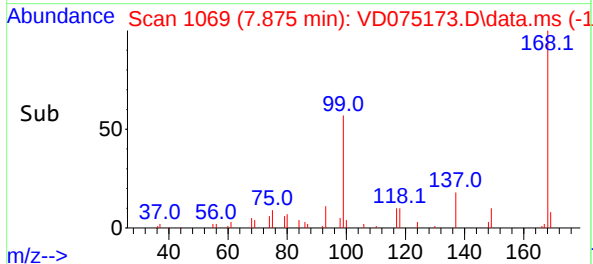
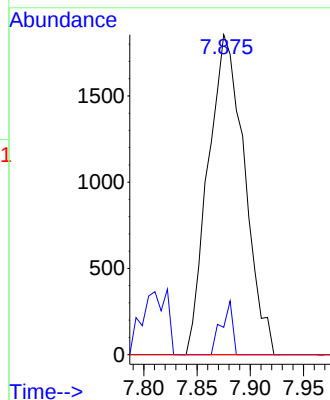
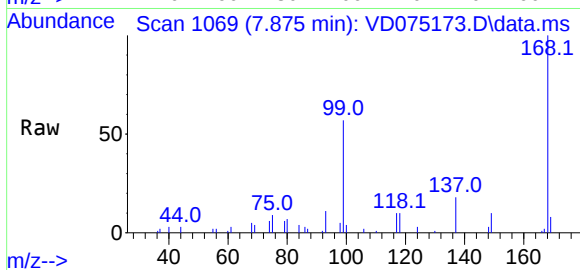
Tgt Ion: 75 Resp: 4389

Ion Ratio Lower Upper

75 100

110 5.2 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.789 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075173.D

Acq: 23 Jan 2023 14:04

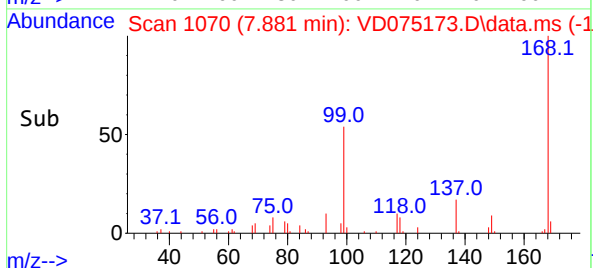
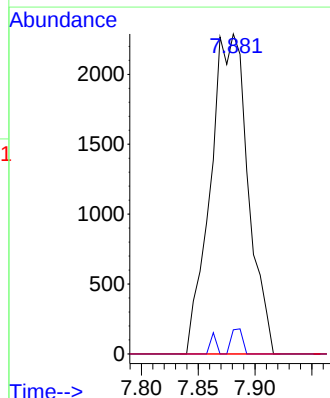
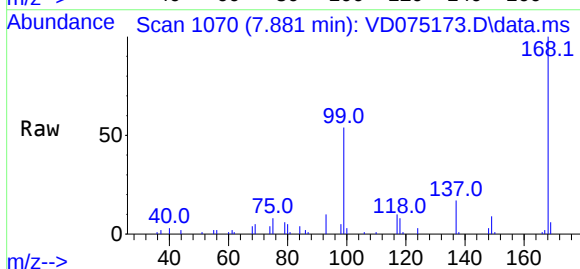
Tgt Ion: 117 Resp: 5274

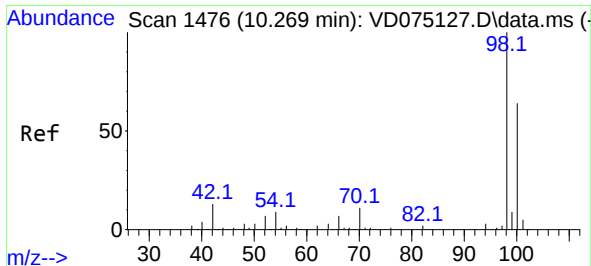
Ion Ratio Lower Upper

117 100

119 7.6 73.6 110.4#

121 0.0 25.4 38.0#

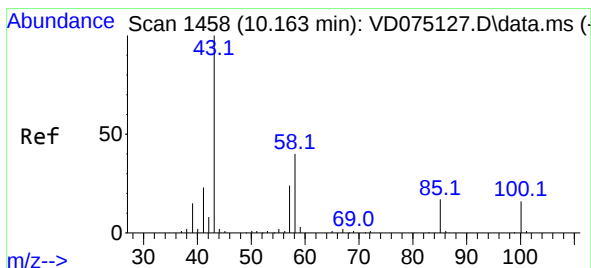
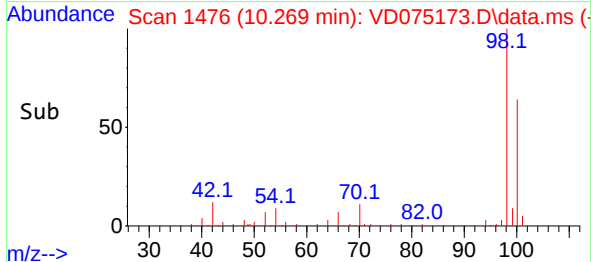
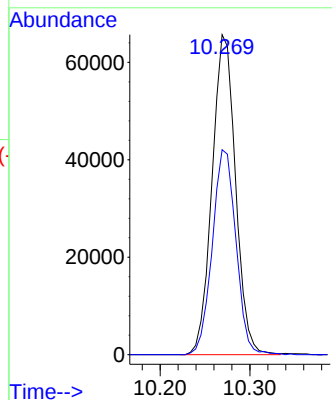
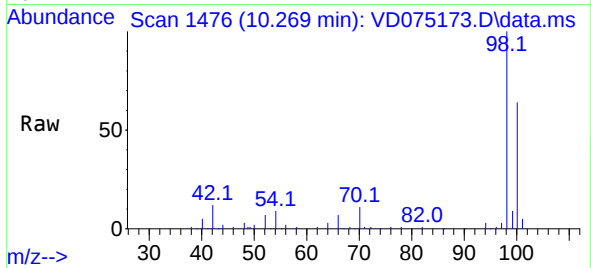




#50
Toluene-d8
Concen: 52.738 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

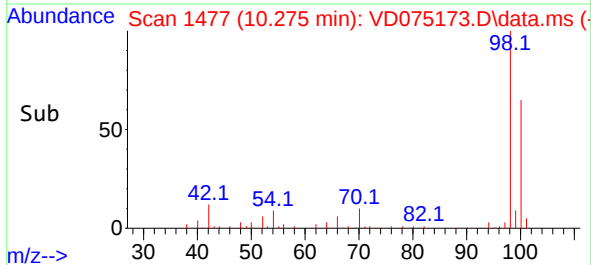
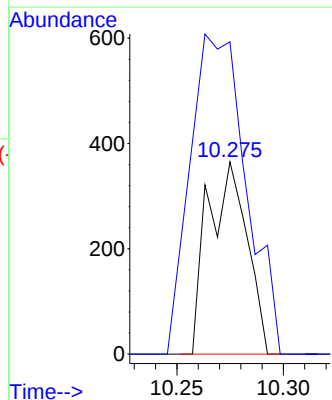
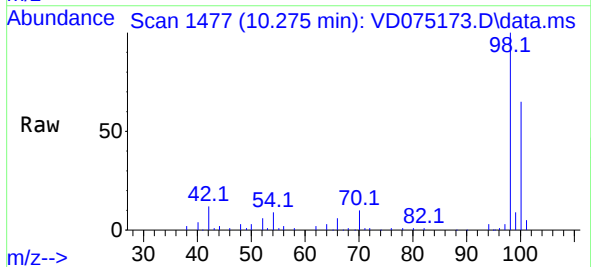
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

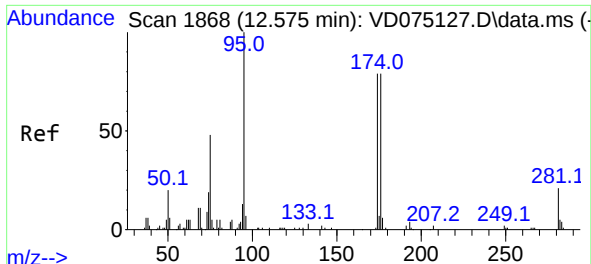
Tgt Ion: 98 Resp: 119243
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.342 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 238.2 31.4 47.0#

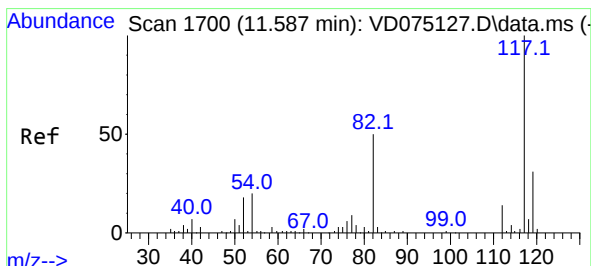
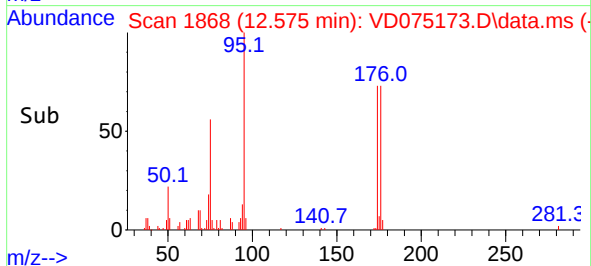
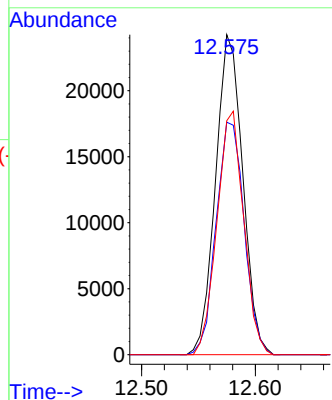
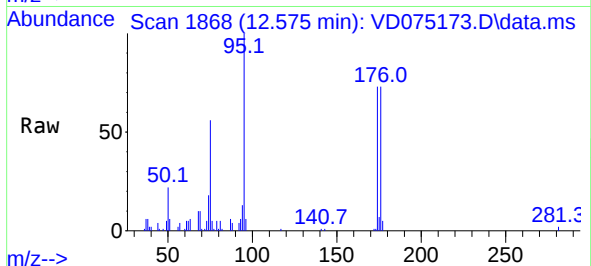




#62
4-Bromofluorobenzene
Concen: 56.173 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

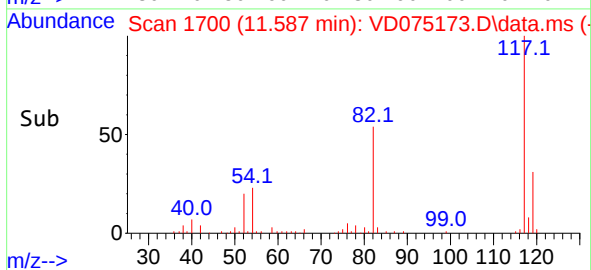
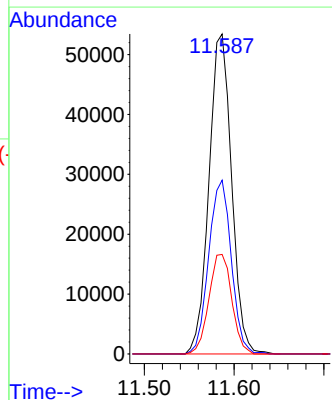
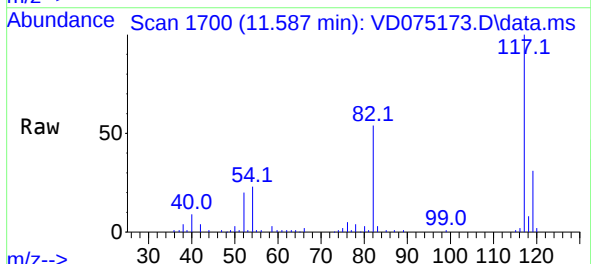
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

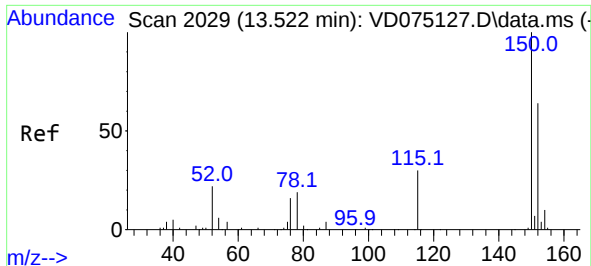
Tgt Ion: 95 Resp: 40309
Ion Ratio Lower Upper
95 100
174 75.1 0.0 161.2
176 74.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 117 Resp: 93578
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 31.1 24.6 37.0

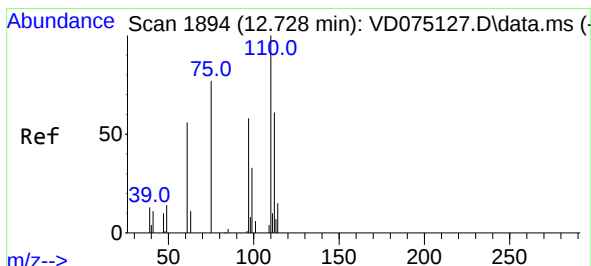
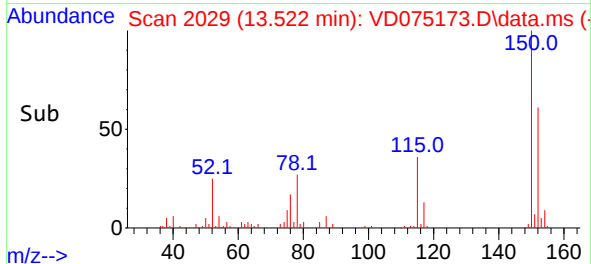
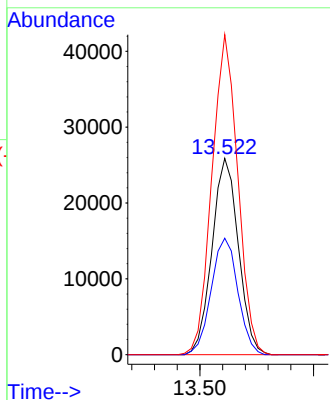
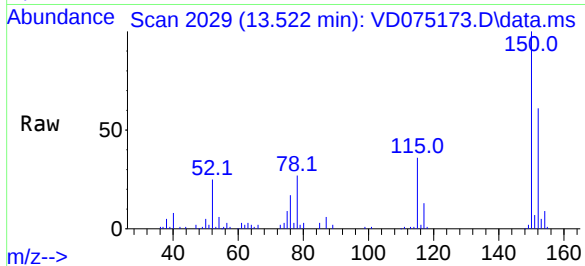




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

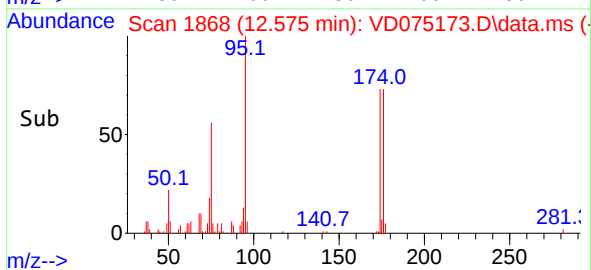
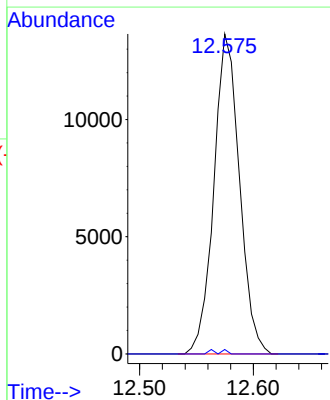
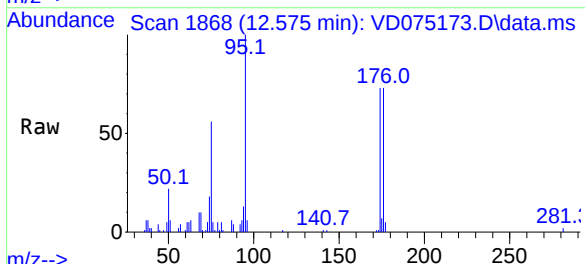
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

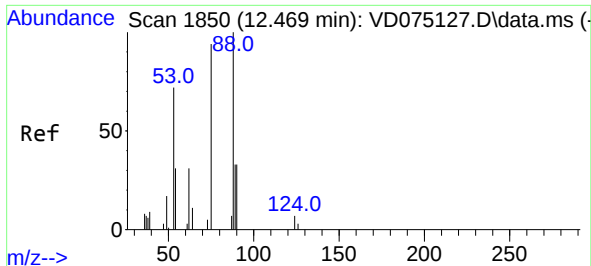
Tgt Ion:152 Resp: 41757
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.4
150 159.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 60.399 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075173.D
Acq: 23 Jan 2023 14:04

Tgt Ion: 75 Resp: 21360
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.099 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075173.D
 Acq: 23 Jan 2023 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P34B

Tgt Ion: 75 Resp: 21360
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

