

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075174.D
 Acq On : 23 Jan 2023 14:32
 Operator : KP/SY
 Sample : 01233-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36A

Quant Time: Jan 23 15:24:25 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)

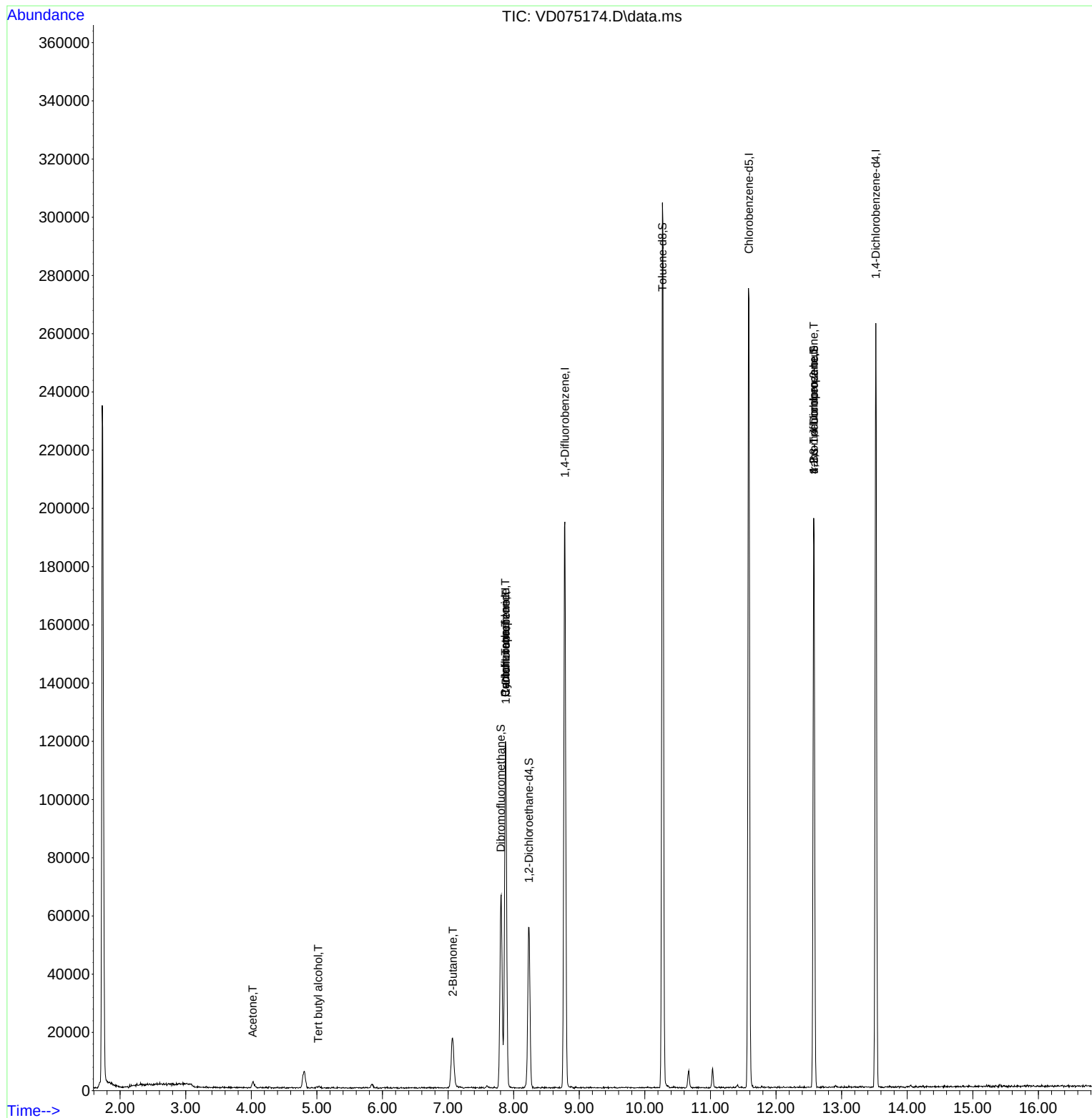
Internal Standards						
1) Pentafluorobenzene	7.875	168	87972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	171041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	157598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44732	49.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.804	113	48680	47.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.269	98	209398	51.456	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.575	95	65265	50.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.060%
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.022	59	216	3.449	ug/l #	89
16) Acetone	4.022	43	3746	15.822	ug/l	93
20) Methylene Chloride	4.805	84	4693	Below Cal	#	83
25) 2-Butanone	7.075	43	643	2.247	ug/l #	50
31) Cyclohexane	7.875	56	2276	1.264	ug/l #	20
36) 1,1-Dichloropropene	7.881	75	7646	4.604	ug/l #	47
38) Carbon Tetrachloride	7.875	117	9997	7.150	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	34300	63.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34300	146.228	ug/l #	14

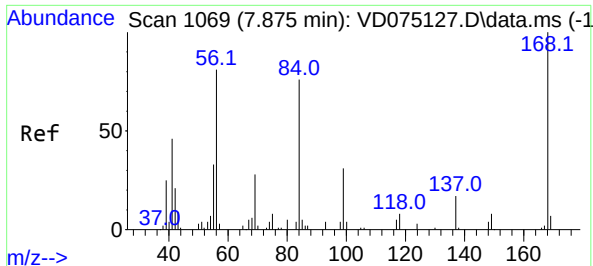
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-P36A

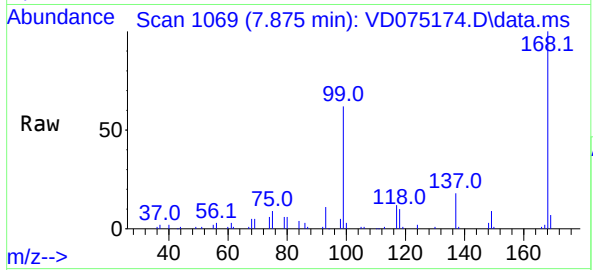
Quant Time: Jan 23 15:24:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
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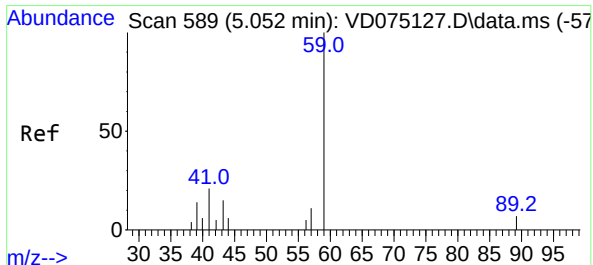
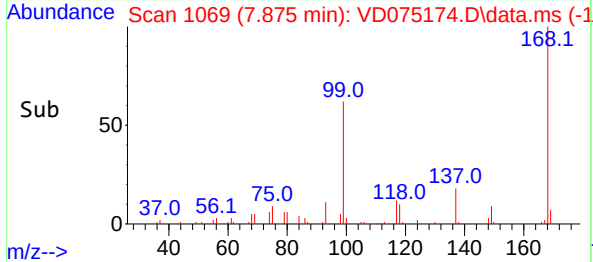
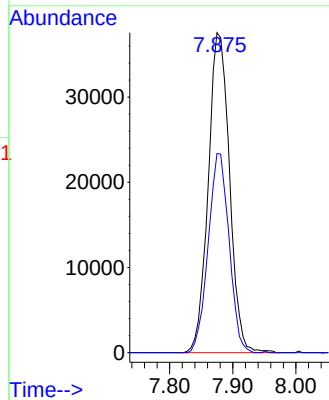


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
B-P36A

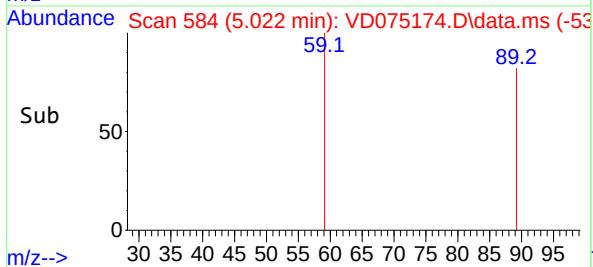
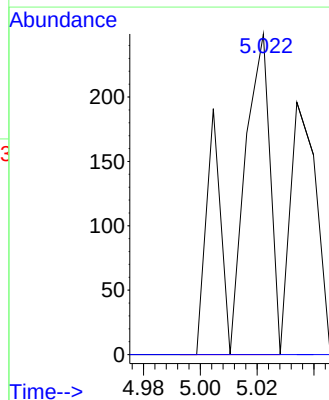
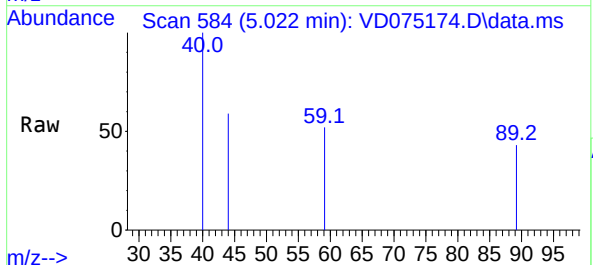


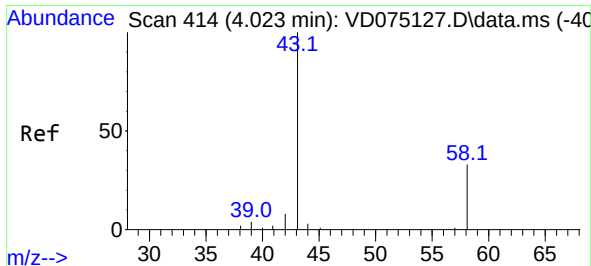
Tgt Ion:168 Resp: 87972
Ion Ratio Lower Upper
168 100
99 62.2 45.2 67.8



#11
Tert butyl alcohol
Concen: 3.449 ug/l
RT: 5.022 min Scan# 584
Delta R.T. -0.030 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#

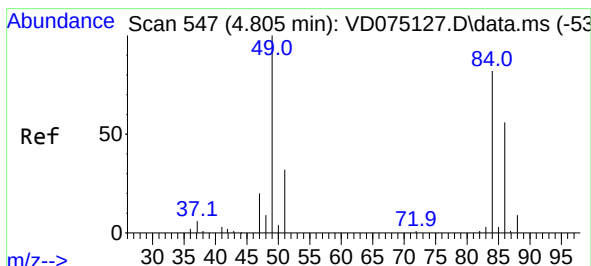
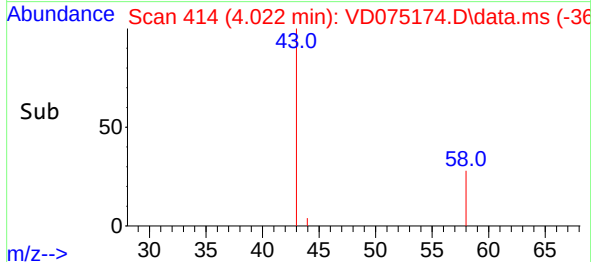
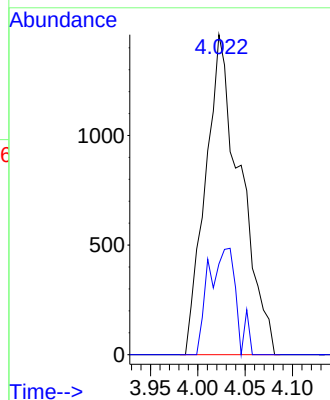
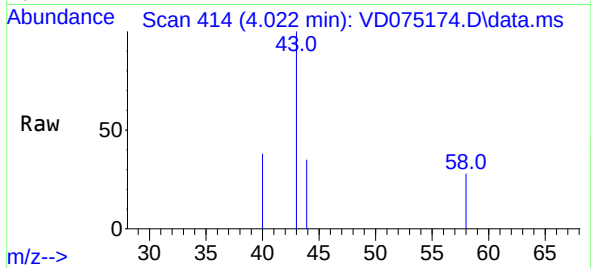




#16
Acetone
Concen: 15.822 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

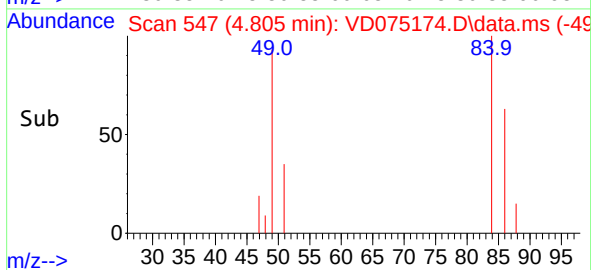
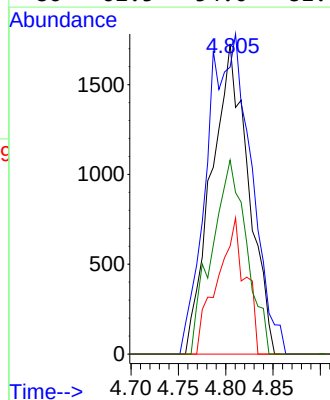
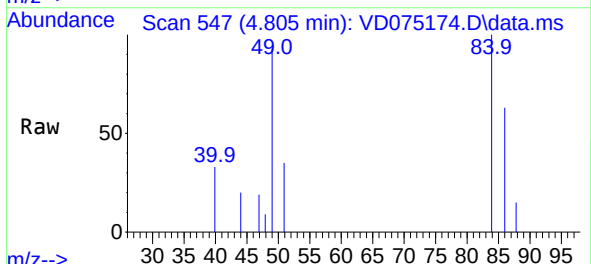
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

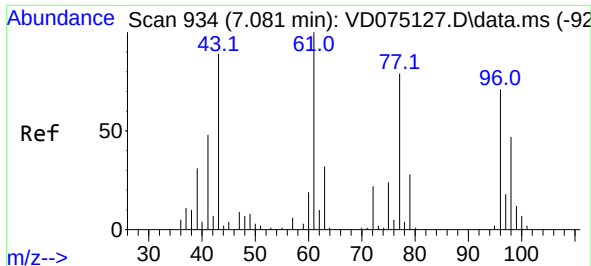
Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 28.4 26.0 39.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion: 84 Resp: 4693
Ion Ratio Lower Upper
84 100
49 92.5 97.0 145.6#
51 34.8 30.9 46.3
86 62.5 54.0 81.0

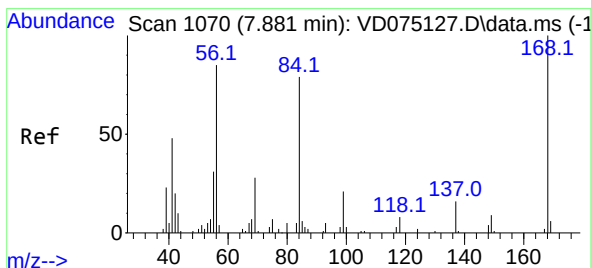
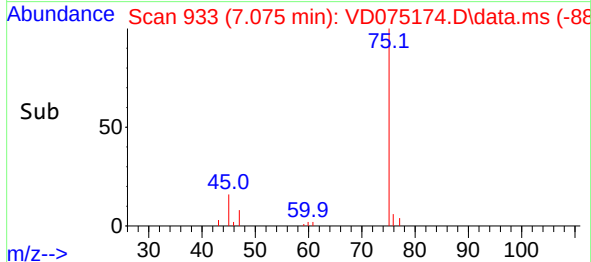
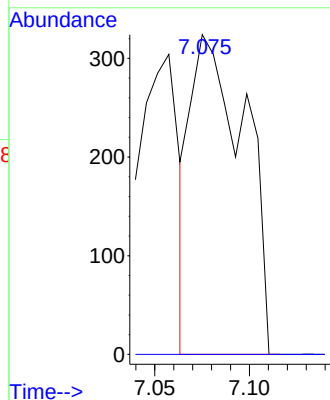
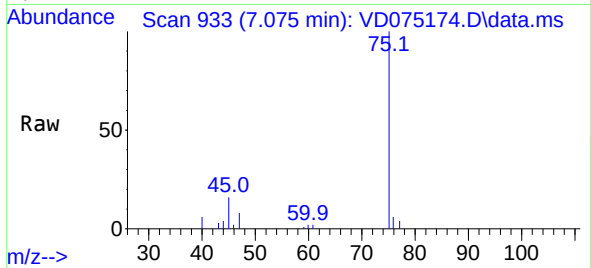




#25
2-Butanone
Concen: 2.247 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

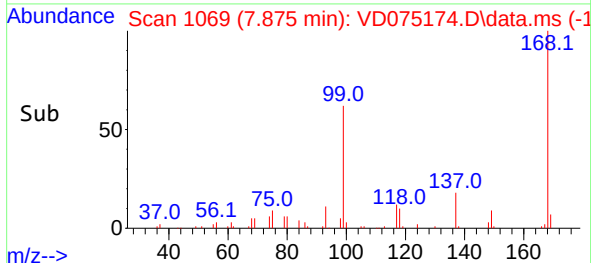
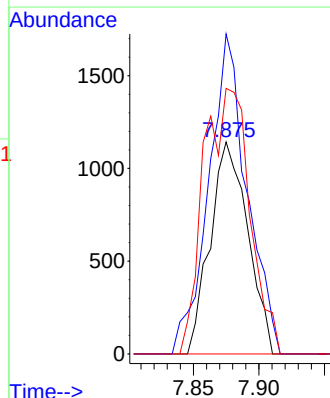
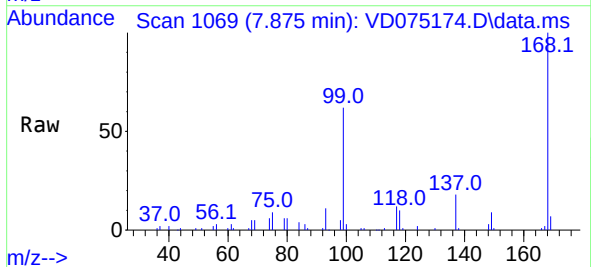
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

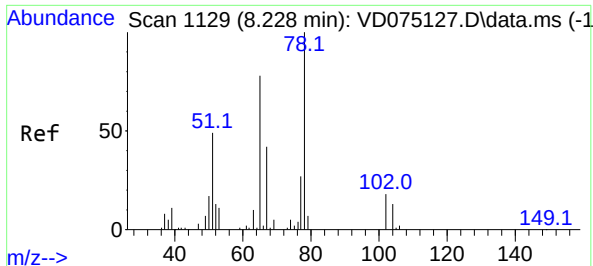
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion: 56 Resp: 2276
Ion Ratio Lower Upper
56 100
69 150.9 26.6 40.0#
84 125.3 74.1 111.1#





#33

1,2-Dichloroethane-d4

Concen: 49.830 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075174.D

Acq: 23 Jan 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

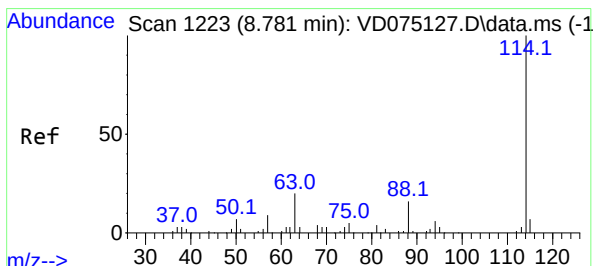
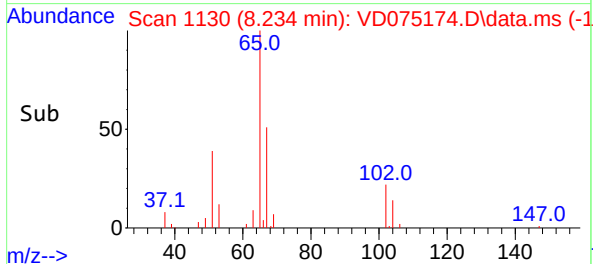
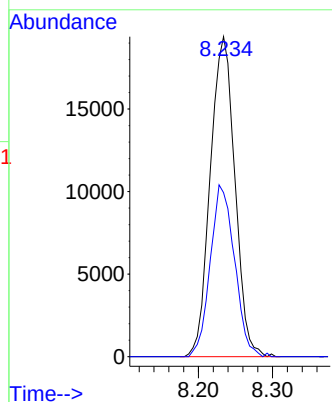
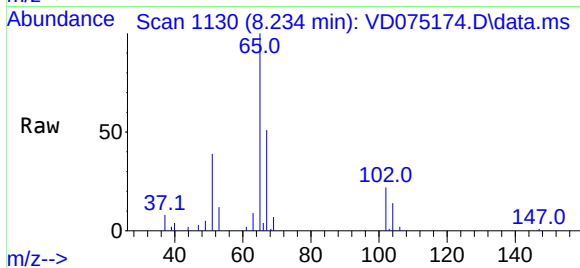
B-P36A

Tgt Ion: 65 Resp: 44732

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: VD075174.D

Acq: 23 Jan 2023 14:32

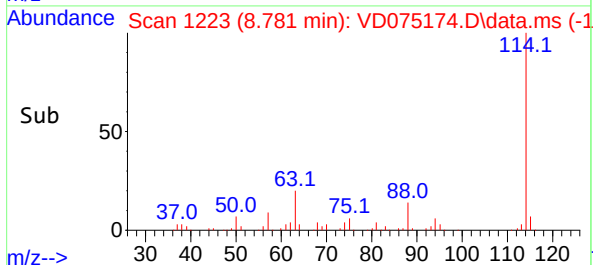
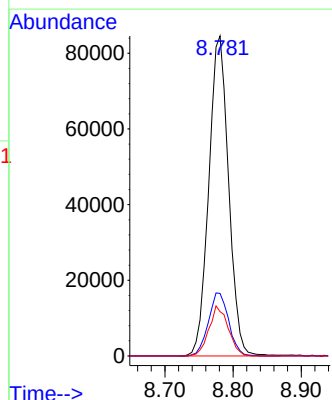
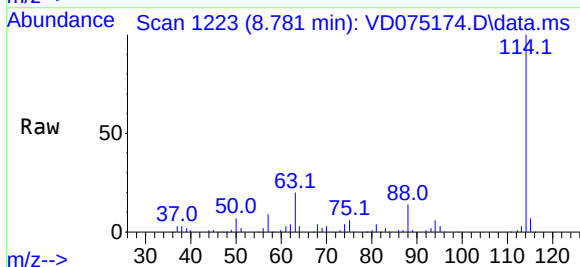
Tgt Ion: 114 Resp: 171041

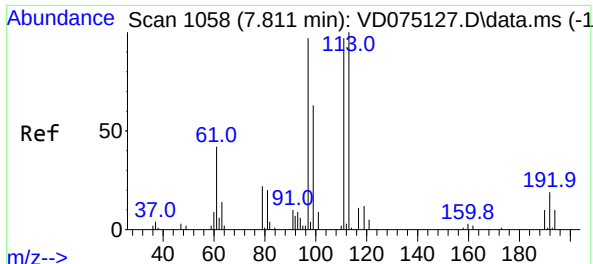
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 13.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.100 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075174.D

Acq: 23 Jan 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

B-P36A

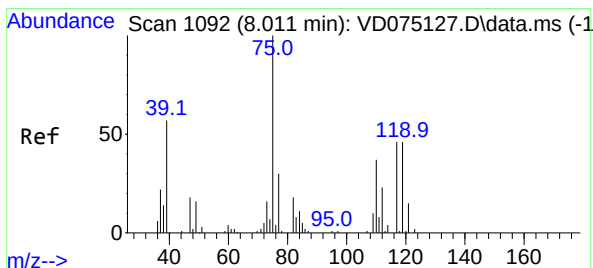
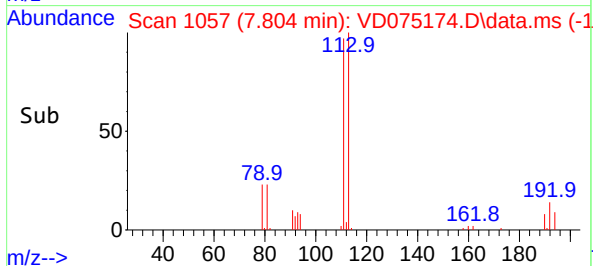
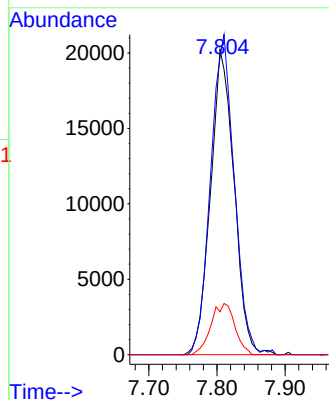
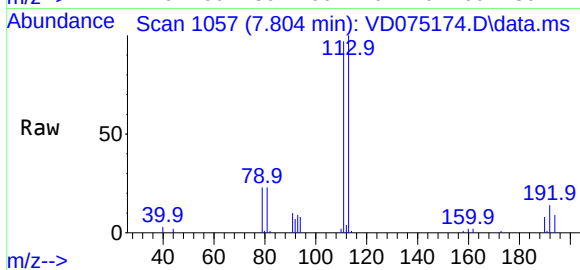
Tgt Ion:113 Resp: 48680

Ion Ratio Lower Upper

113 100

111 105.5 80.1 120.1

192 17.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075174.D

Acq: 23 Jan 2023 14:32

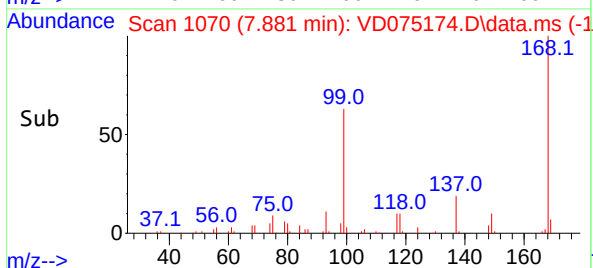
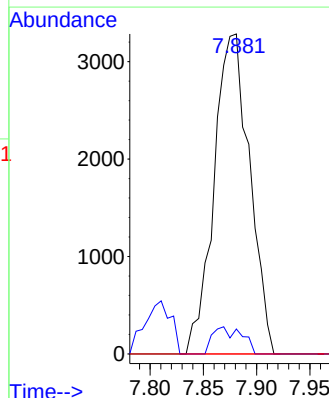
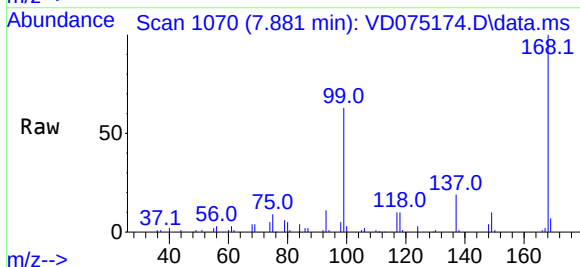
Tgt Ion: 75 Resp: 7646

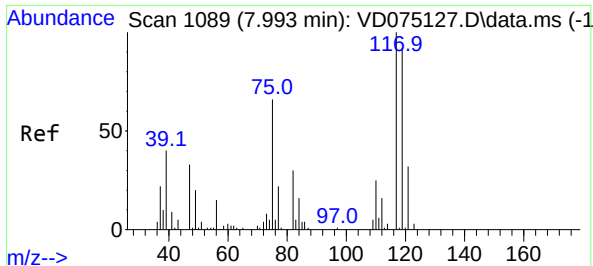
Ion Ratio Lower Upper

75 100

110 6.9 18.1 54.4#

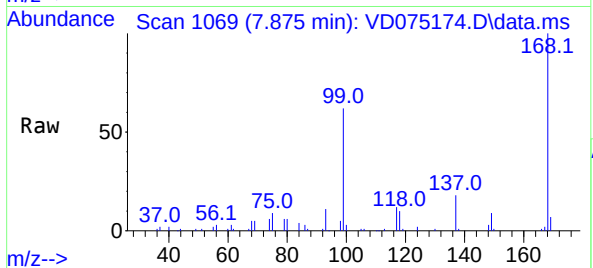
77 0.0 25.1 37.7#



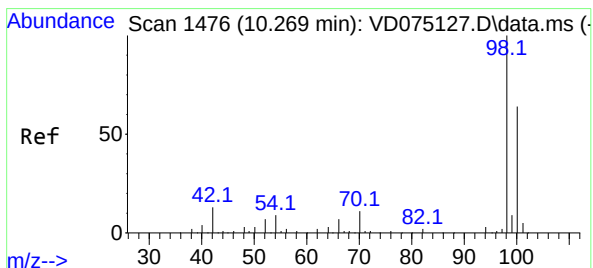
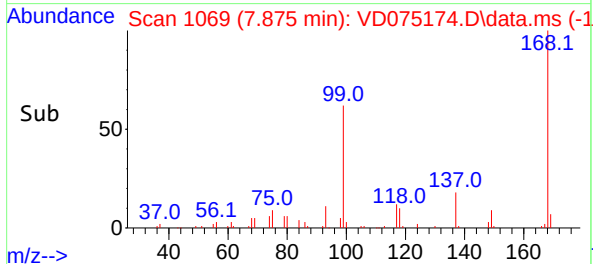
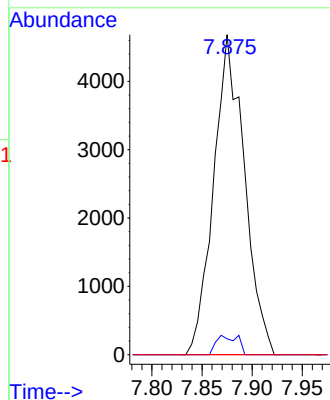


#38
Carbon Tetrachloride
Concen: 7.150 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
B-P36A

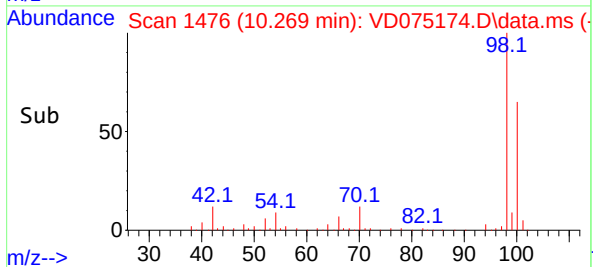
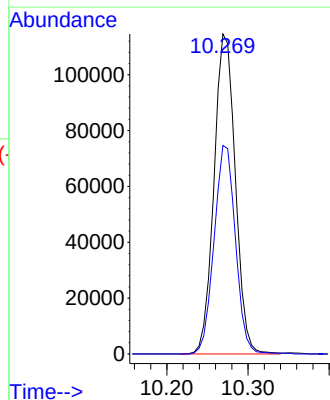
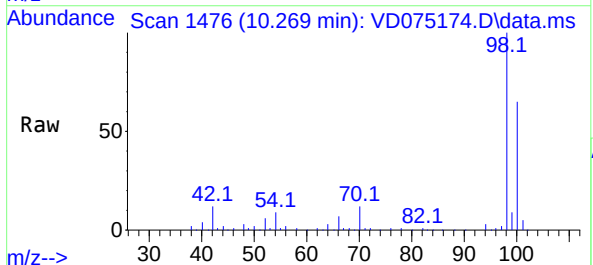


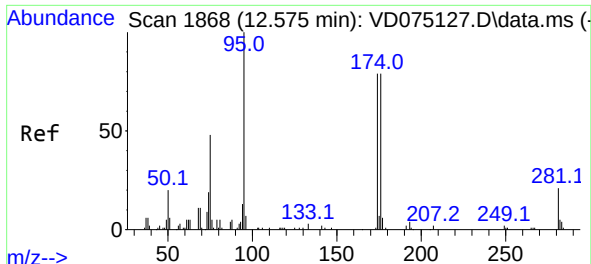
Tgt Ion:117 Resp: 9997
Ion Ratio Lower Upper
117 100
119 4.9 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion: 98 Resp: 209398
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

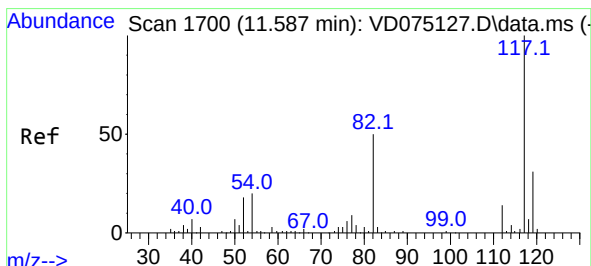
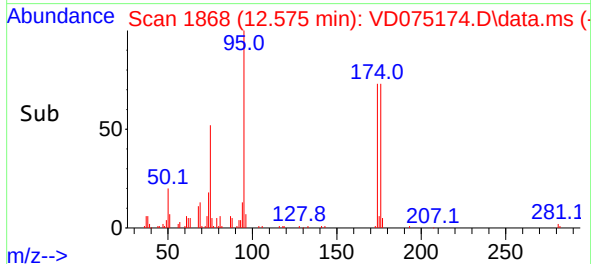
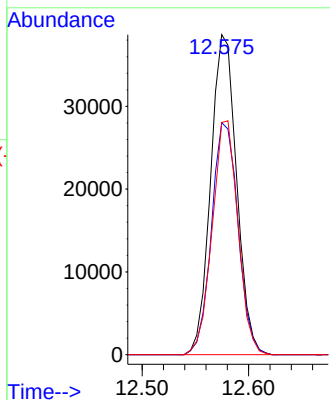
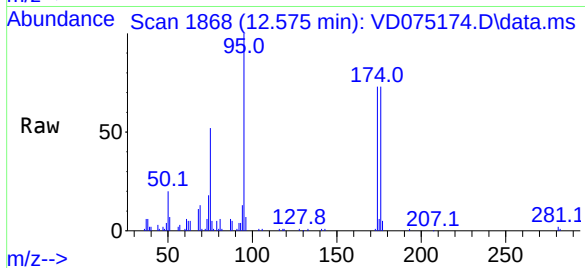




#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

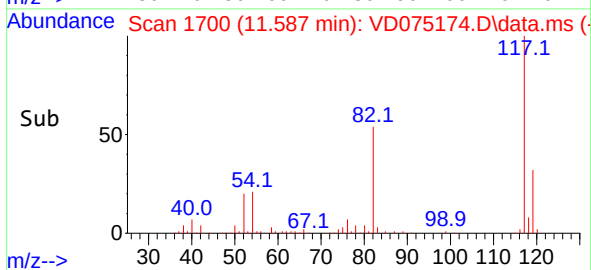
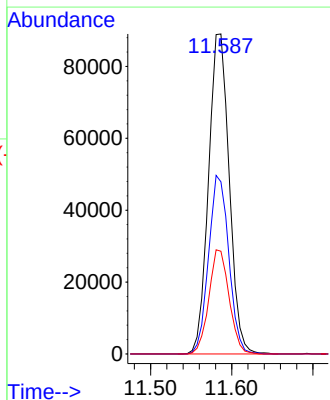
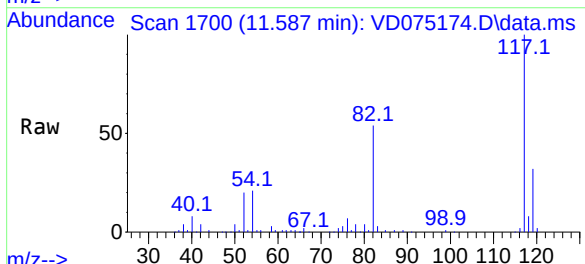
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

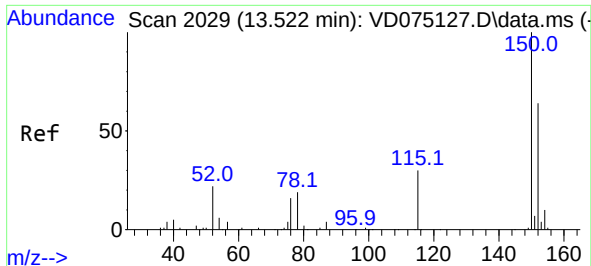
Tgt Ion:	95	Resp:	65265
Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	161.2
176	72.7	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion:	117	Resp:	157598
Ion	Ratio	Lower	Upper
117	100		
82	53.8	39.6	59.4
119	32.1	24.6	37.0

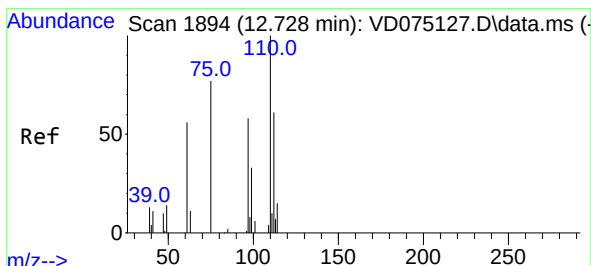
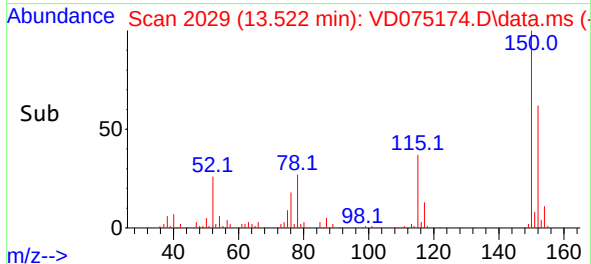
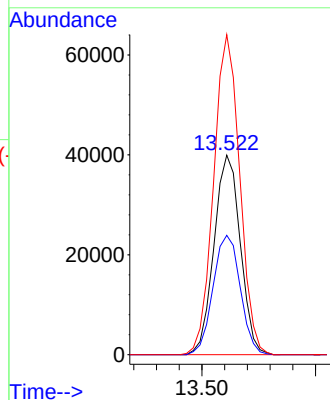
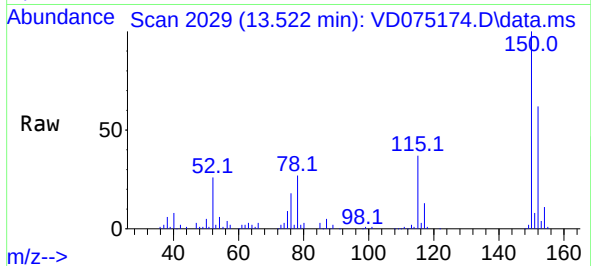




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

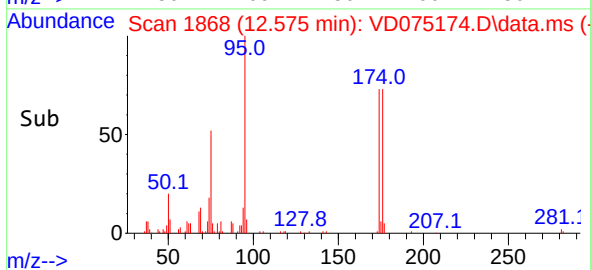
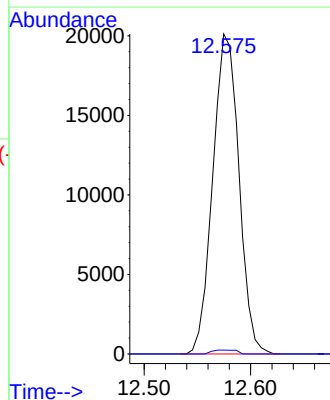
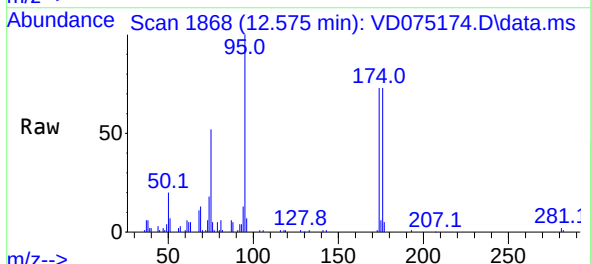
Instrument :
MSVOA_D
ClientSampleId :
B-P36A

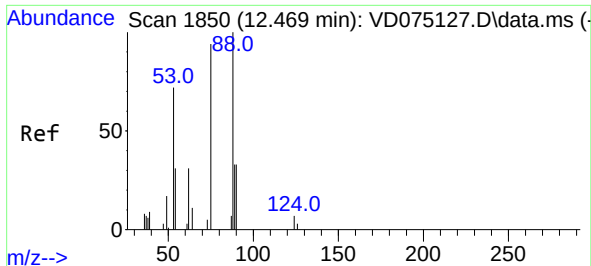
Tgt Ion:152 Resp: 64243
Ion Ratio Lower Upper
152 100
115 61.9 28.8 86.4
150 159.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 63.041 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075174.D
Acq: 23 Jan 2023 14:32

Tgt Ion: 75 Resp: 34300
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.228 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075174.D
 Acq: 23 Jan 2023 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36A

Tgt Ion: 75 Resp: 34300
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

