

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074762.D
 Acq On : 07 Nov 2022 15:37
 Operator : VA/SY
 Sample : N5494-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17

Quant Time: Nov 08 00:21:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

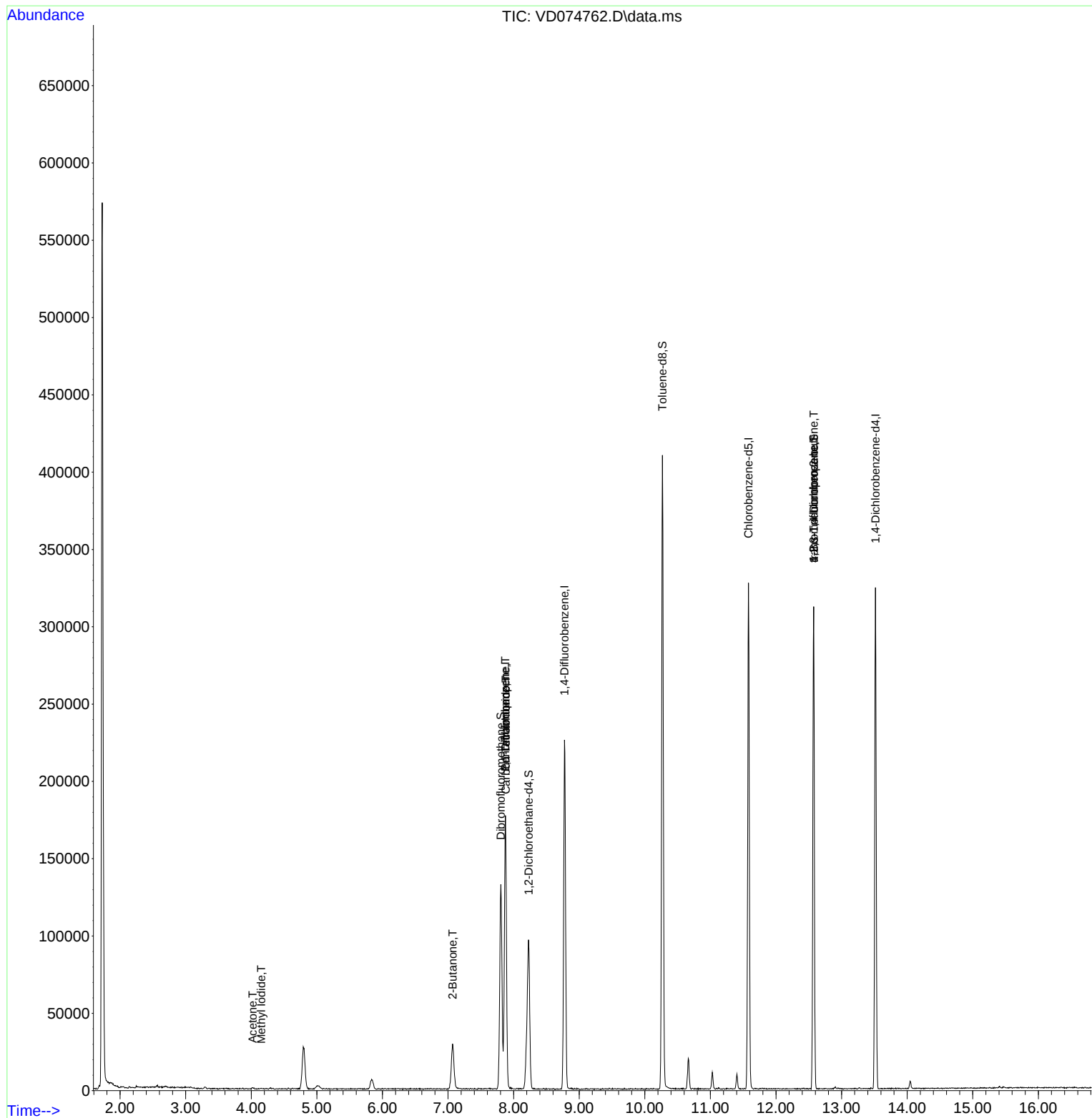
Internal Standards						
1) Pentafluorobenzene	7.875	168	142903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	214571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71244	62.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.900%
35) Dibromofluoromethane	7.805	113	98051	77.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	154.500%#
50) Toluene-d8	10.269	98	298423	64.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.920%
62) 4-Bromofluorobenzene	12.575	95	90754	67.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.780%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	70	5.588	ug/l #	43
11) Tert butyl alcohol	5.011	59	2604	Below Cal	#	84
16) Acetone	4.022	43	1095	4.636	ug/l #	37
25) 2-Butanone	7.069	43	1209	3.723	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	10054	5.218	ug/l #	46
38) Carbon Tetrachloride	7.881	117	12741	6.980	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	44643	63.810	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	44643	151.470	ug/l #	17

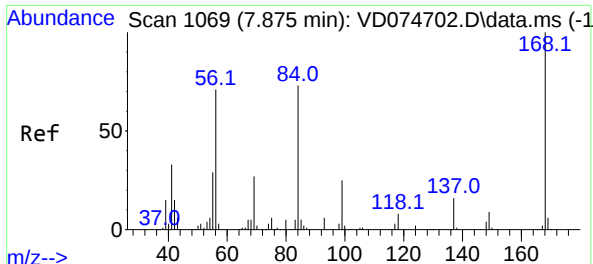
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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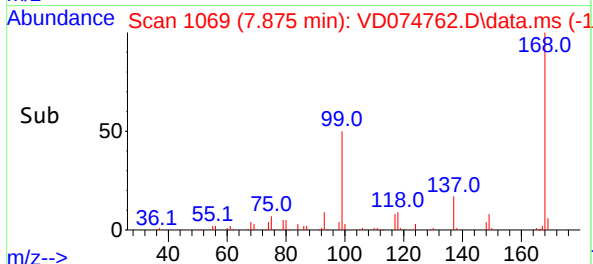
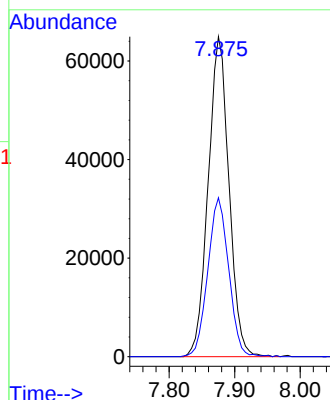
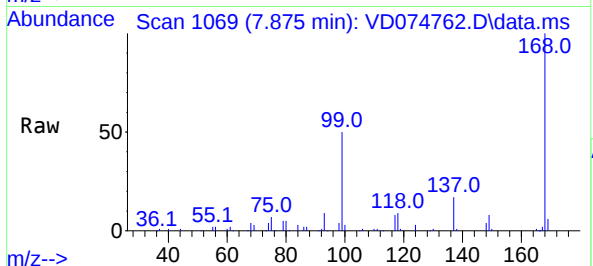




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

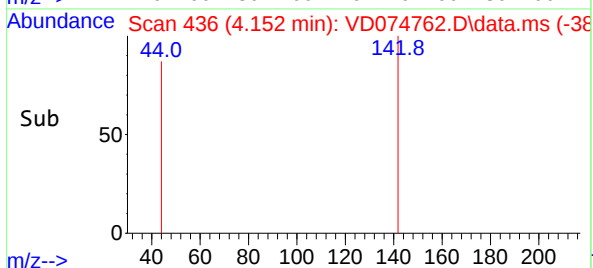
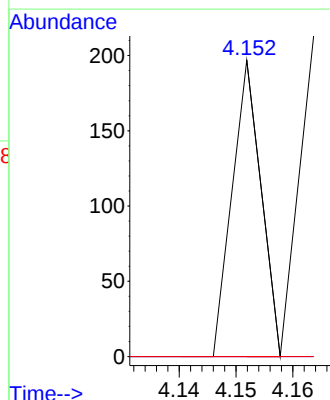
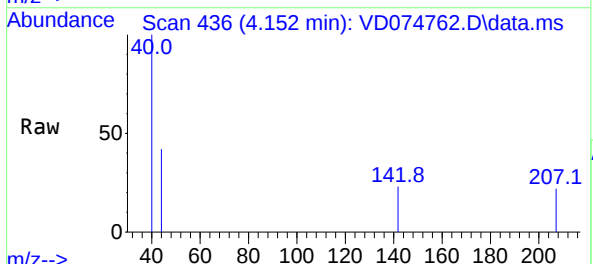
Instrument :
MSVOA_D
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SB-17

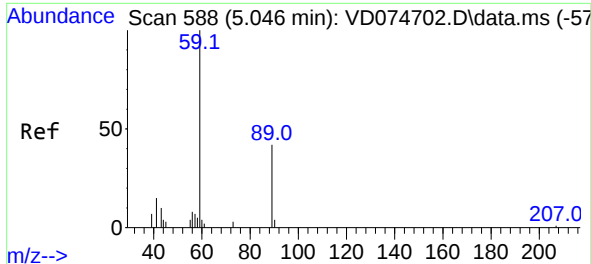
Tgt Ion:168 Resp: 142903
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.588 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.011 min Scan# 588

Delta R.T. -0.035 min

Lab File: VD074762.D

Acq: 07 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

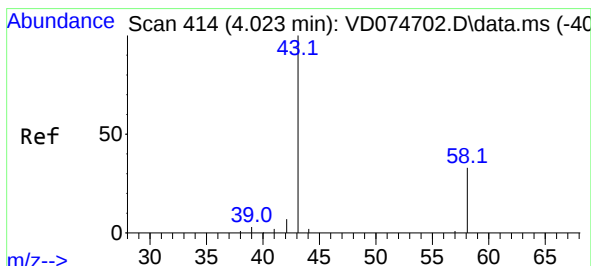
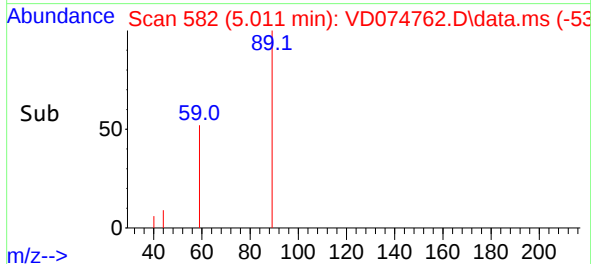
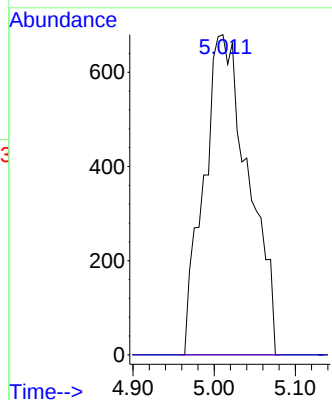
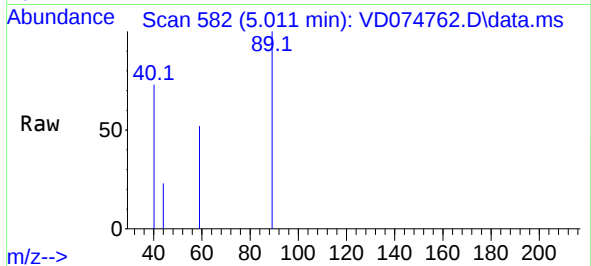
SB-17

Tgt Ion: 59 Resp: 2604

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.636 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074762.D

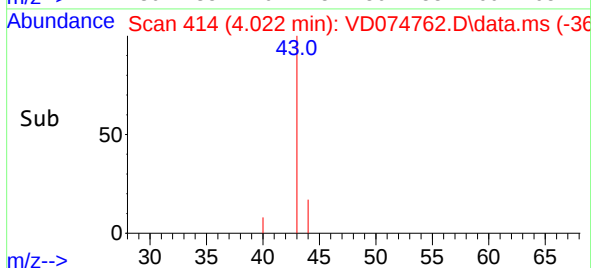
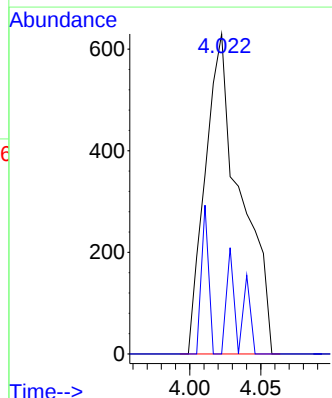
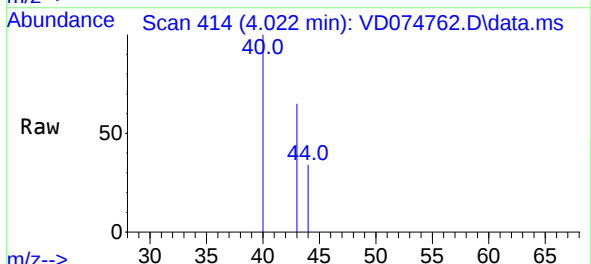
Acq: 07 Nov 2022 15:37

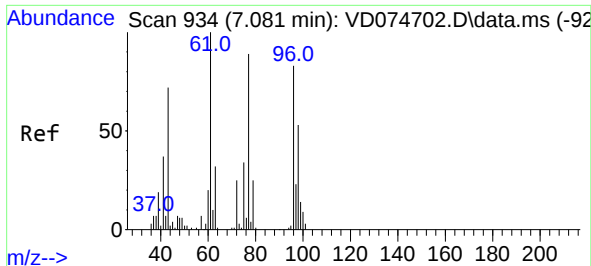
Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#

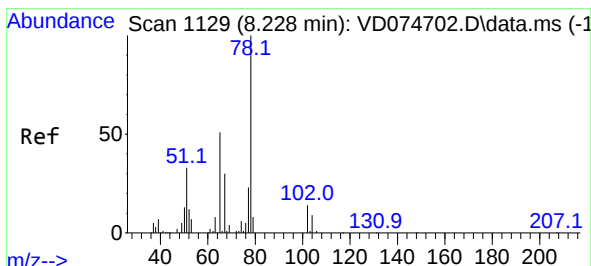
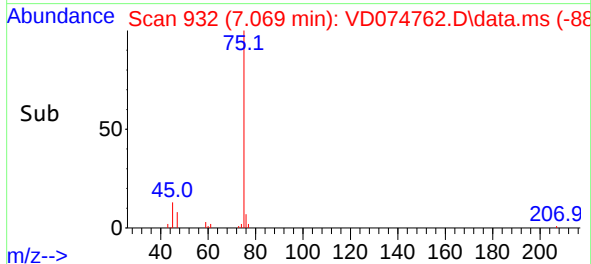
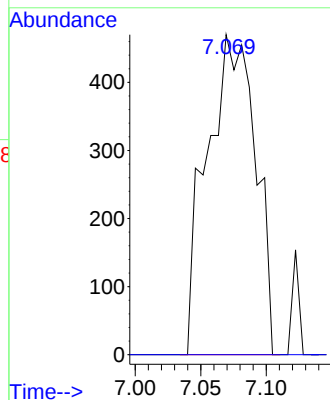
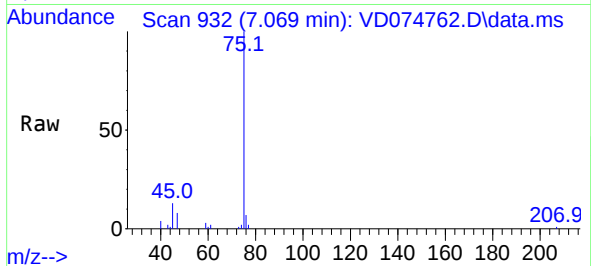




#25
2-Butanone
Concen: 3.723 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

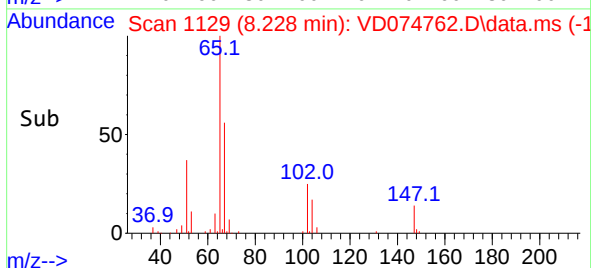
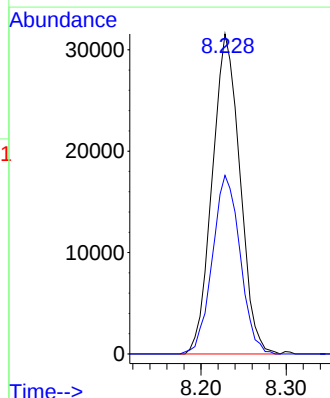
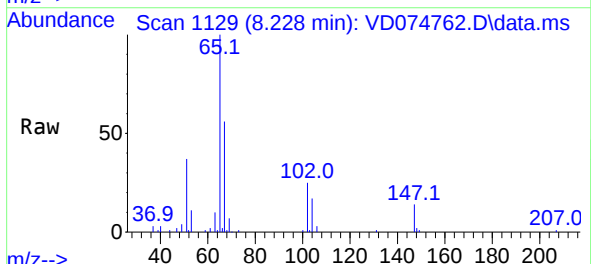
Instrument :
MSVOA_D
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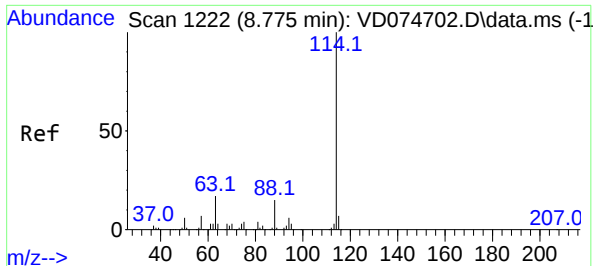
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 62.946 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Tgt Ion: 65 Resp: 71244
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074762.D

Acq: 07 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

SB-17

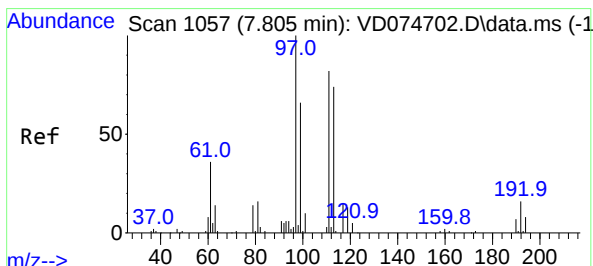
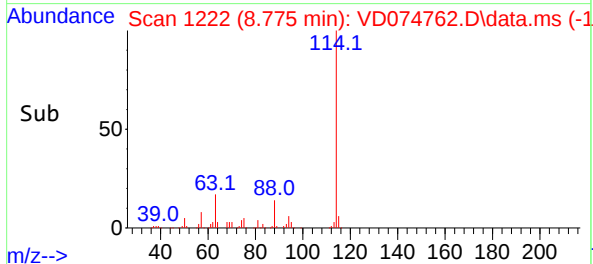
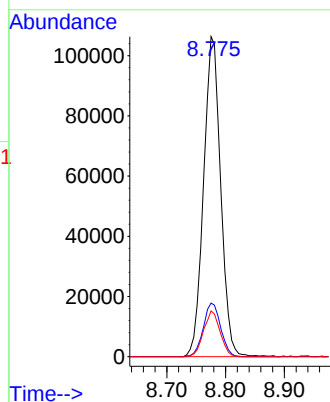
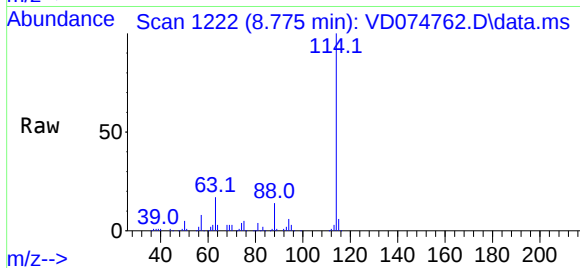
Tgt Ion:114 Resp: 214571

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 77.250 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074762.D

Acq: 07 Nov 2022 15:37

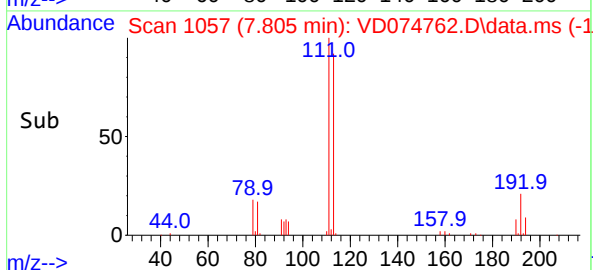
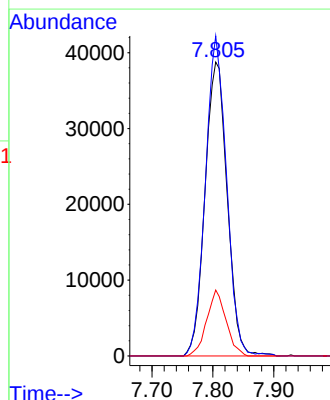
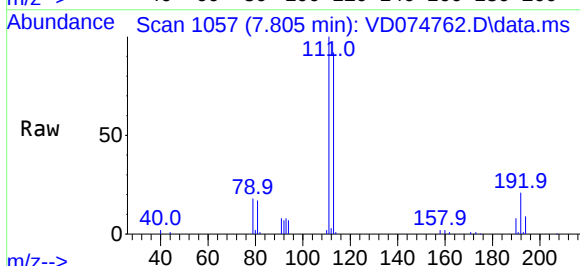
Tgt Ion:113 Resp: 98051

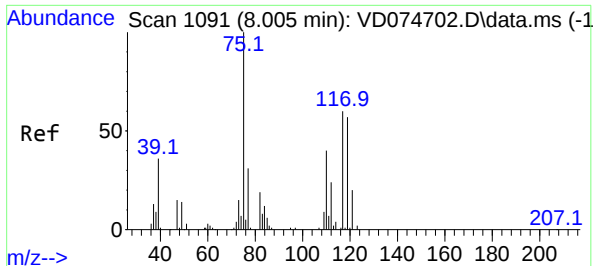
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 19.6 16.4 24.6

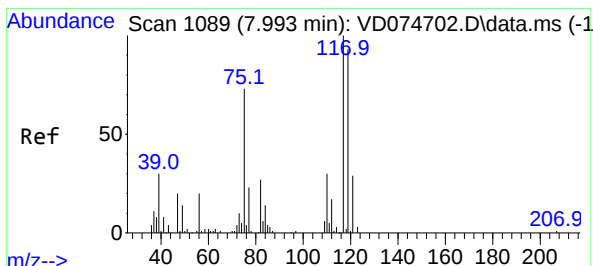
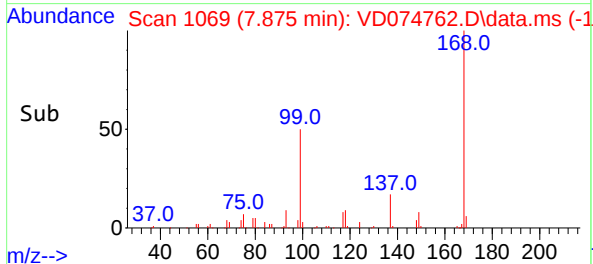
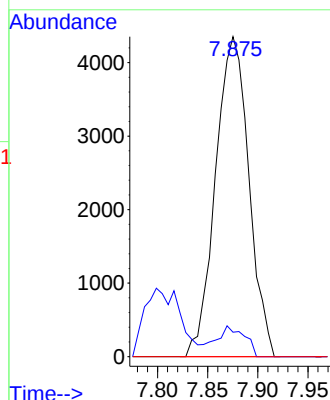
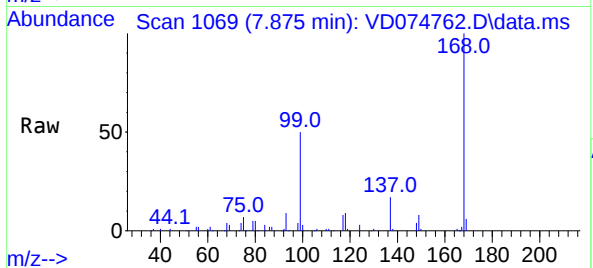




#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

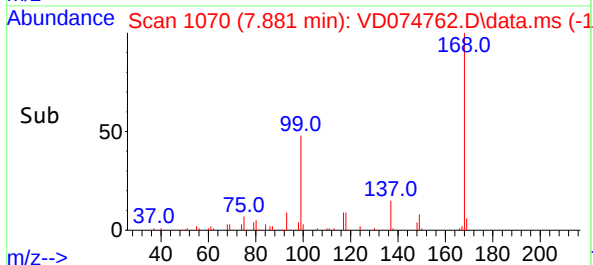
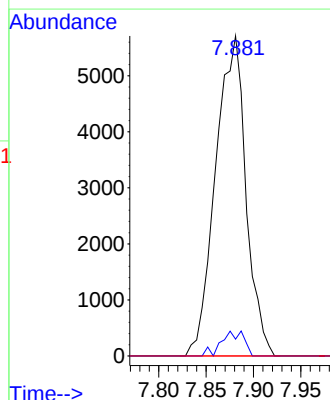
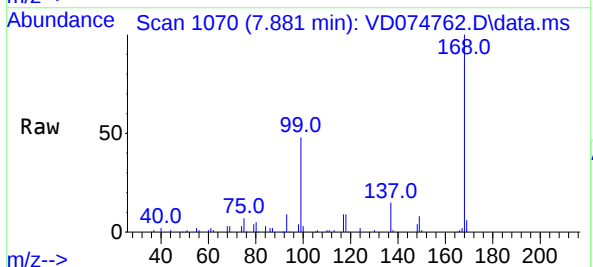
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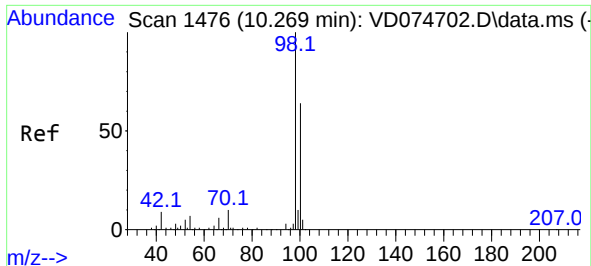
Tgt Ion: 75 Resp: 10054
Ion Ratio Lower Upper
75 100
110 8.0 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.980 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Tgt Ion: 117 Resp: 12741
Ion Ratio Lower Upper
117 100
119 5.3 73.1 109.7#
121 0.0 25.0 37.6#

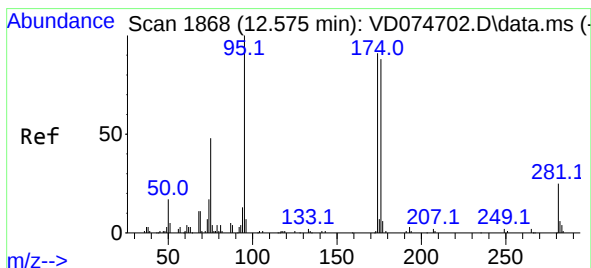
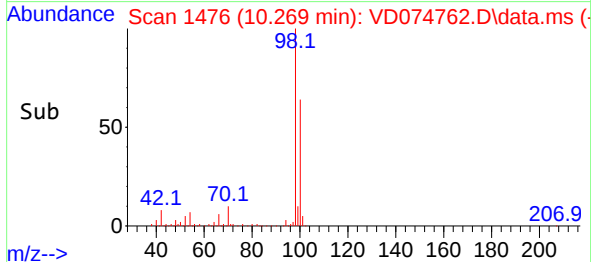
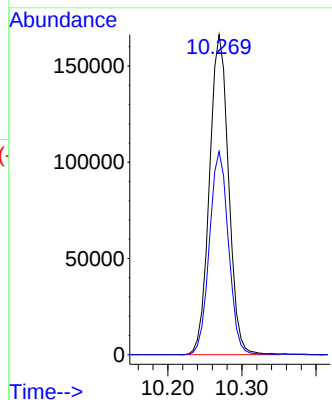
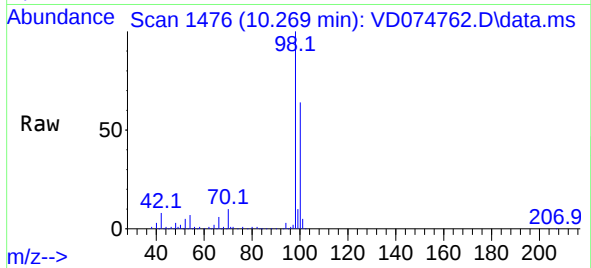




#50
Toluene-d8
Concen: 64.455 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

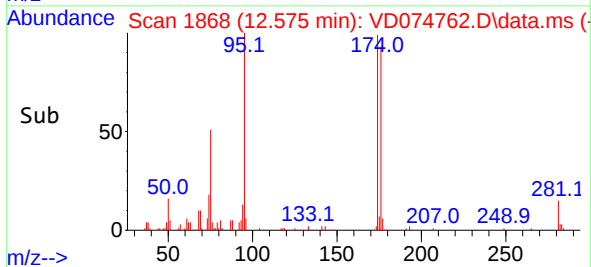
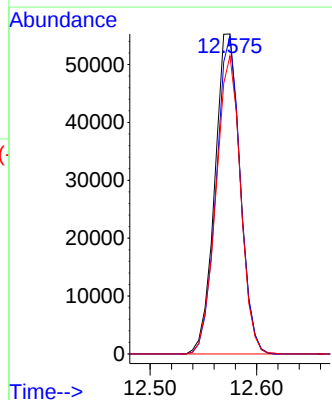
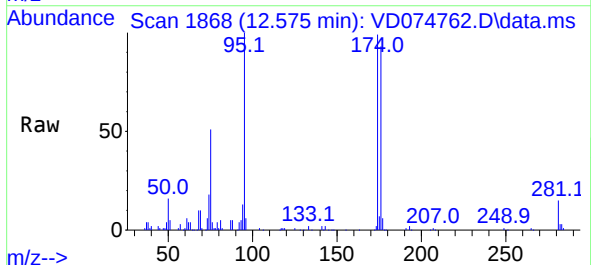
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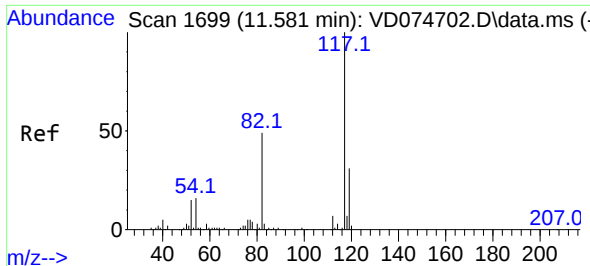
Tgt Ion: 98 Resp: 298423
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.888 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

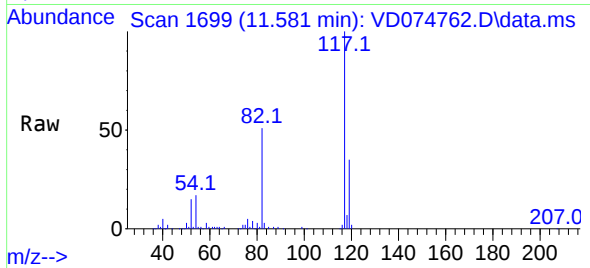
Tgt Ion: 95 Resp: 90754
Ion Ratio Lower Upper
95 100
174 94.6 0.0 197.0
176 90.5 0.0 182.6



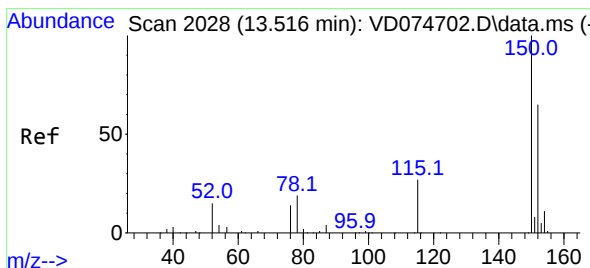
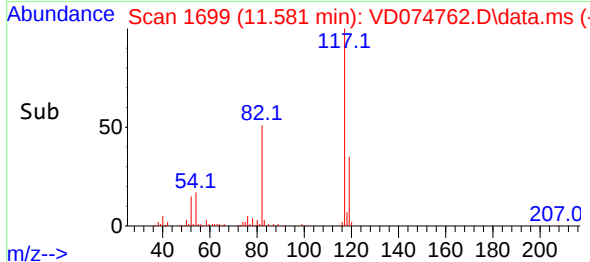
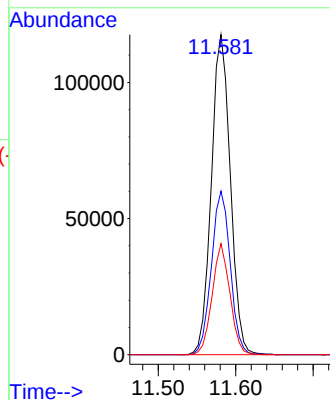


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

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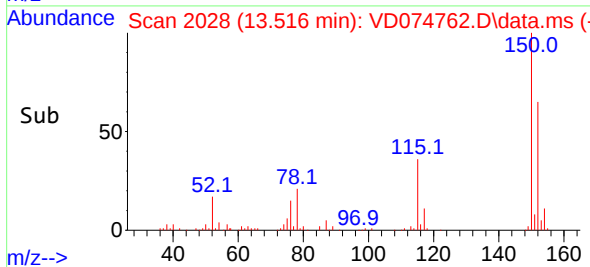
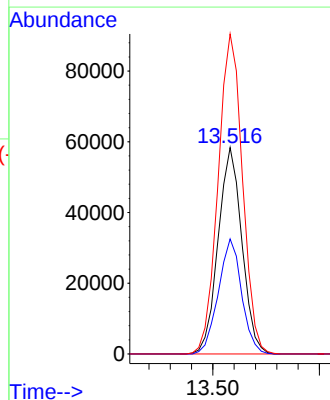
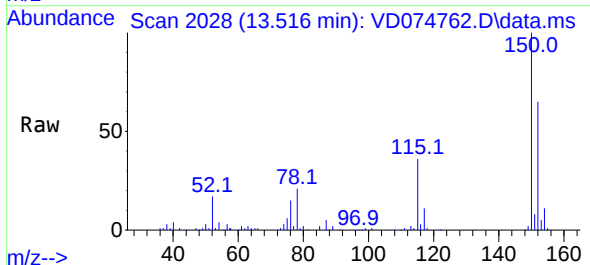


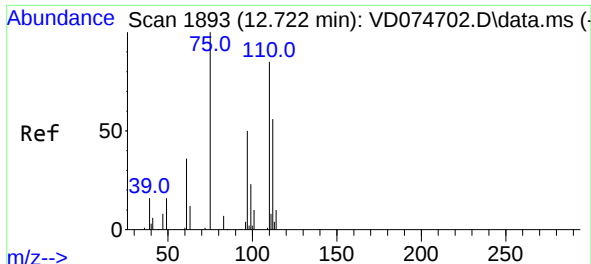
Tgt Ion:117 Resp: 200337
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 34.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Tgt Ion:152 Resp: 90250
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 159.1 0.0 348.2

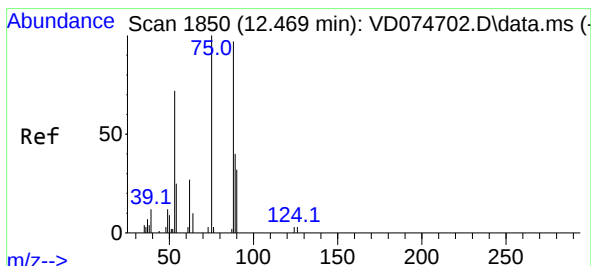
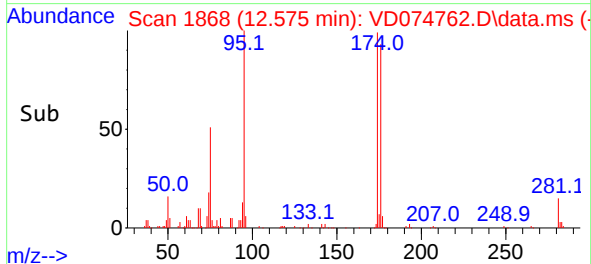
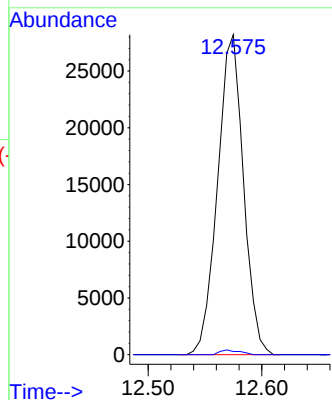
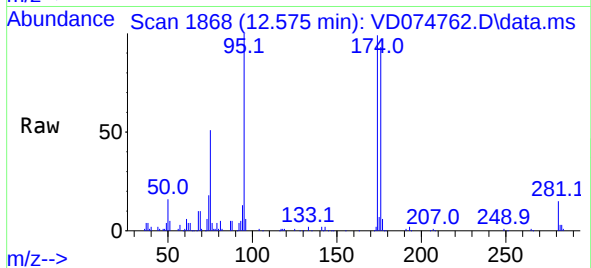




#76
1,2,3-Trichloropropane
Concen: 63.810 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :
SB-17

Tgt Ion: 75 Resp: 44643
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.470 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074762.D
Acq: 07 Nov 2022 15:37

Tgt Ion: 75 Resp: 44643
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

