

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080092.D
 Acq On : 19 Nov 2024 19:13
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

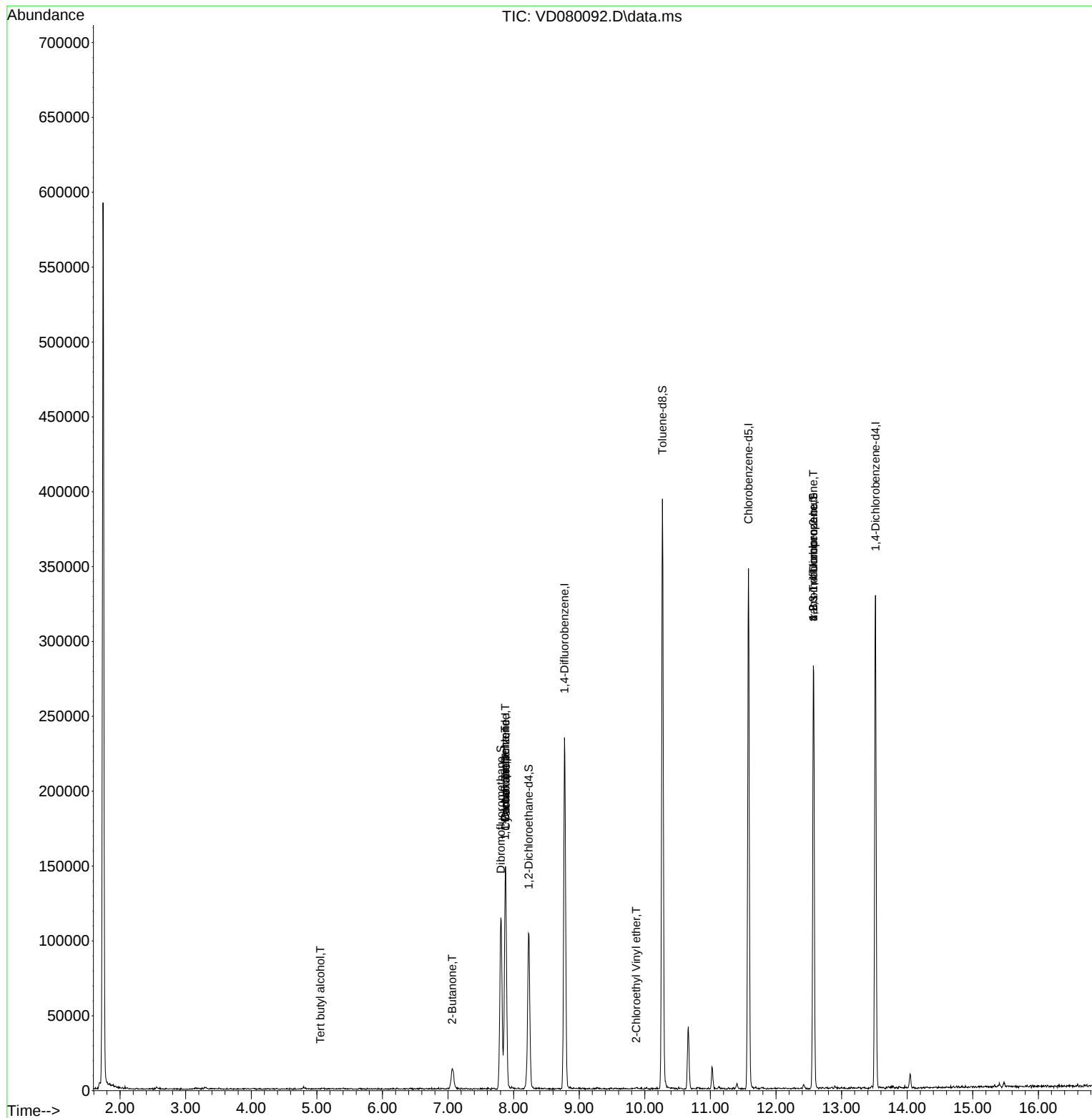
Internal Standards						
1) Pentafluorobenzene	7.875	168	115861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80940	67.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.700%
35) Dibromofluoromethane	7.805	113	83220	59.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.320%
50) Toluene-d8	10.269	98	278333	52.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.569	95	85180	49.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	88	Below Cal	#	1
11) Tert butyl alcohol	5.052	59	152	2.449	ug/l #	82
25) 2-Butanone	7.063	43	554	1.638	ug/l #	47
31) Cyclohexane	7.881	56	2972	1.530	ug/l #	17
36) 1,1-Dichloropropene	7.869	75	9558	5.011	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11314	5.429	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.869	63	679	1.404	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	41391	51.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	41391	105.906	ug/l #	15

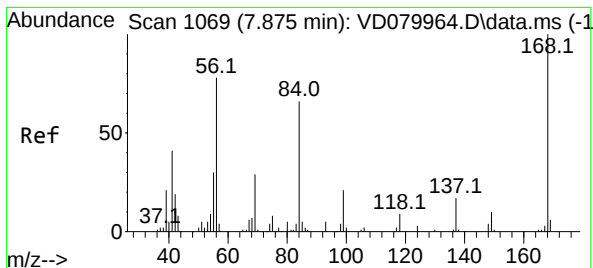
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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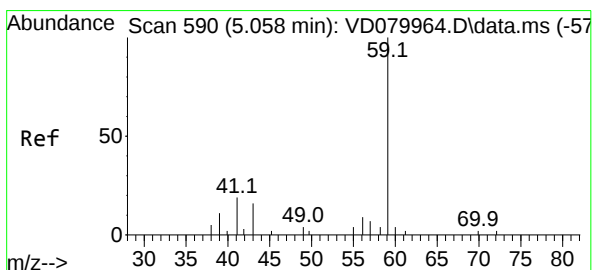
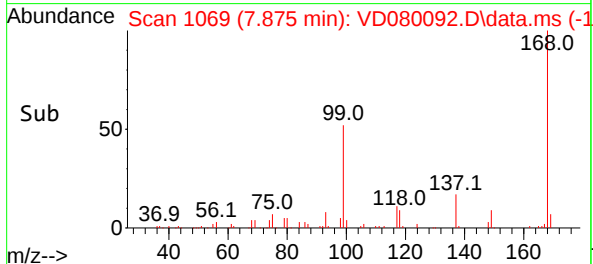
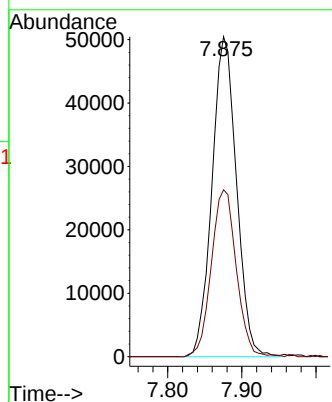
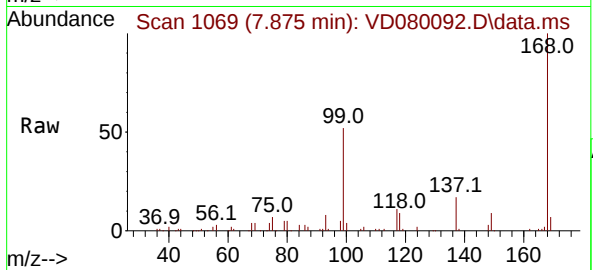




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

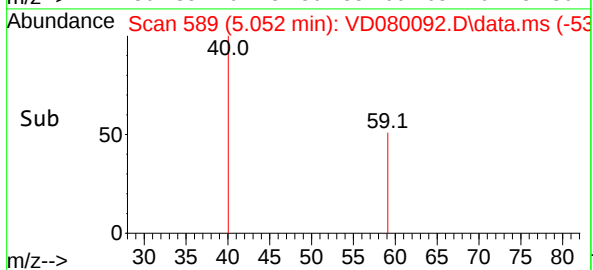
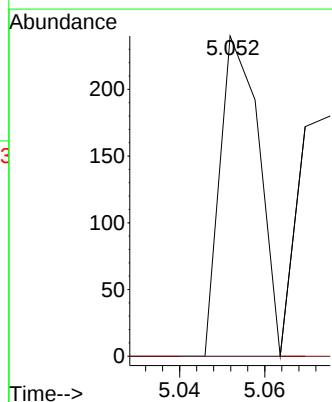
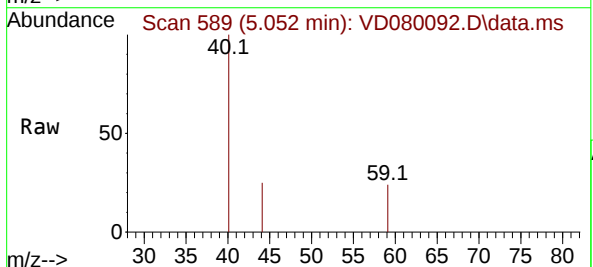
Instrument :
MSVOA_D
ClientSampleId :

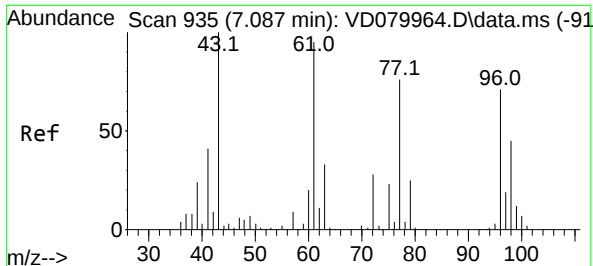
Tgt Ion:168 Resp: 115861
Ion Ratio Lower Upper
168 100
99 52.1 46.0 69.0



#11
Tert butyl alcohol
Concen: 2.449 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#





#25

2-Butanone

Concen: 1.638 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.024 min

Lab File: VD080092.D

Acq: 19 Nov 2024 19:13

Instrument :

MSVOA_D

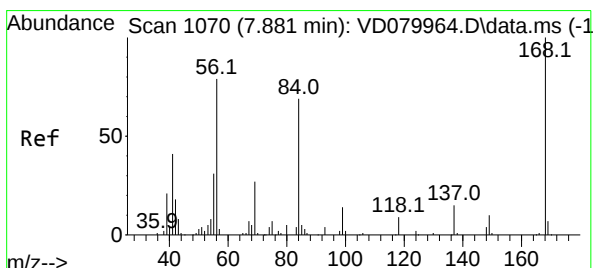
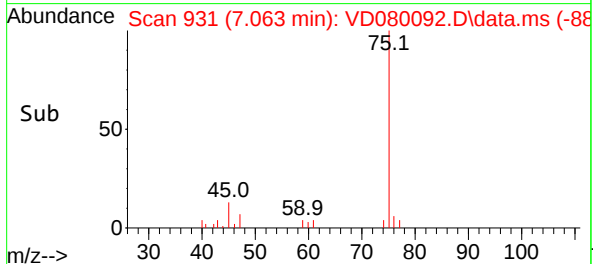
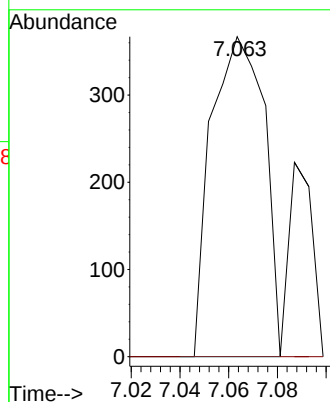
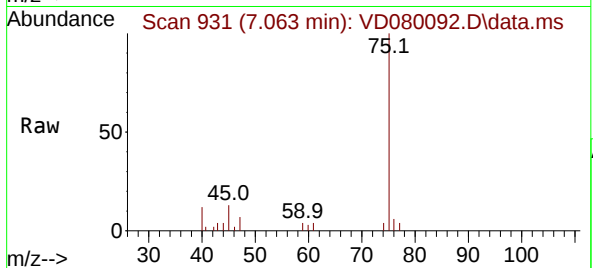
ClientSampleId :

Tgt Ion: 43 Resp: 554

Ion Ratio Lower Upper

43 100

72 0.0 22.3 33.5#



#31

Cyclohexane

Concen: 1.530 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080092.D

Acq: 19 Nov 2024 19:13

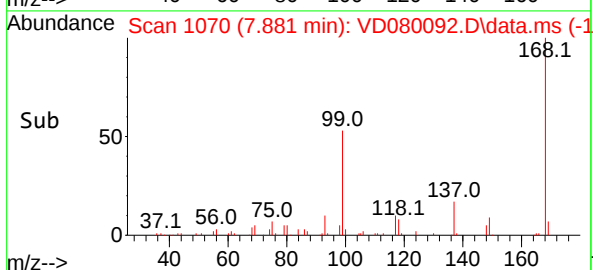
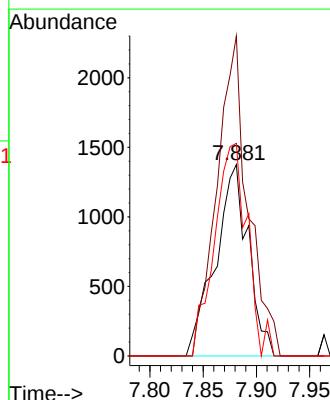
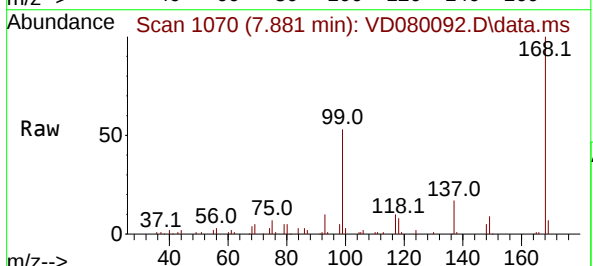
Tgt Ion: 56 Resp: 2972

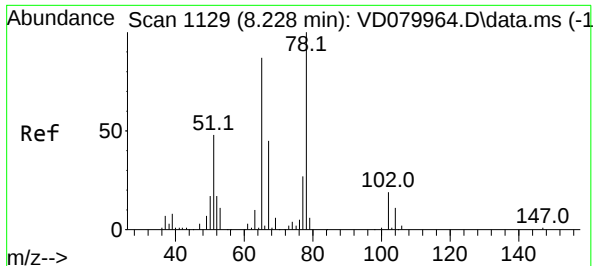
Ion Ratio Lower Upper

56 100

69 167.2 27.3 40.9#

84 111.1 70.2 105.4#

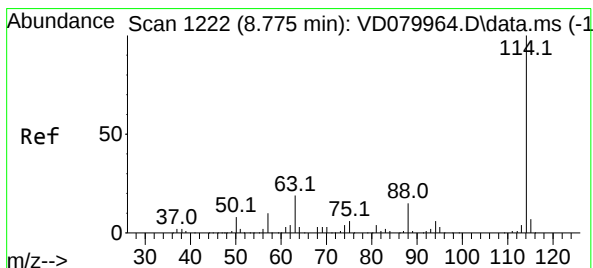
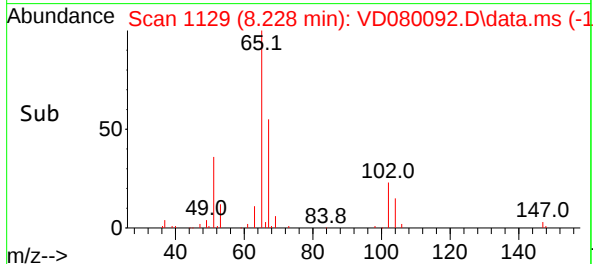
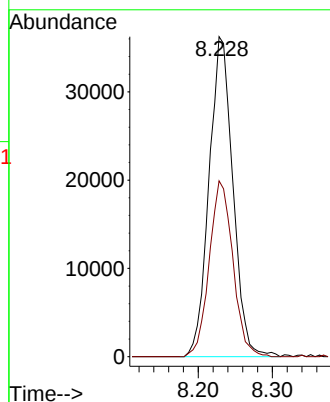
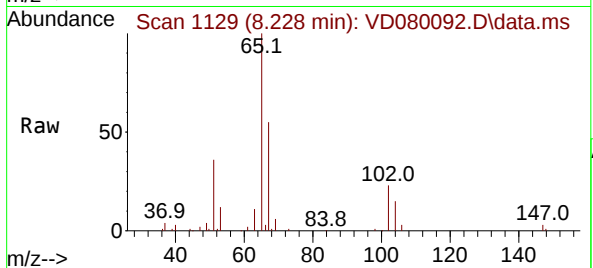




#33
 1,2-Dichloroethane-d4
 Concen: 67.851 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD080092.D
 Acq: 19 Nov 2024 19:13

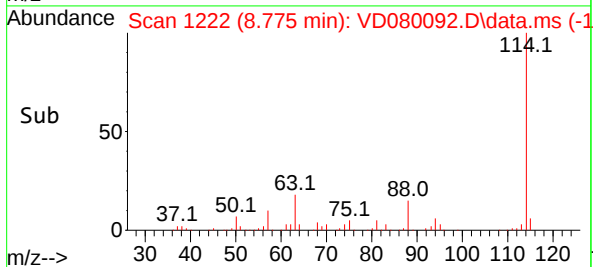
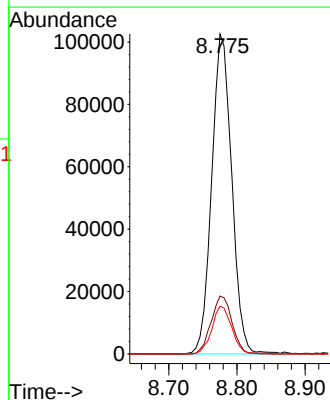
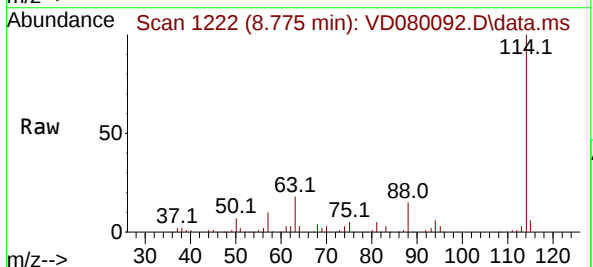
Instrument :
 MSVOA_D
 ClientSampleId :

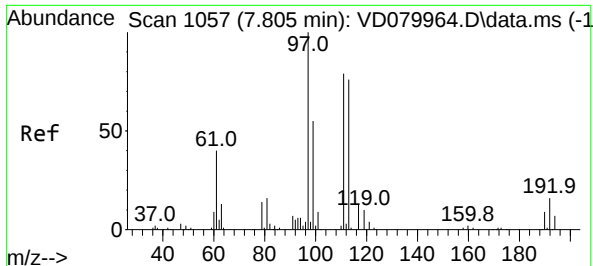
Tgt Ion: 65 Resp: 80940
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD080092.D
 Acq: 19 Nov 2024 19:13

Tgt Ion: 114 Resp: 209582
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.8
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 59.663 ug/l

RT: 7.805 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VD080092.D

Acq: 19 Nov 2024 19:13

Instrument :

MSVOA_D

ClientSampleId :

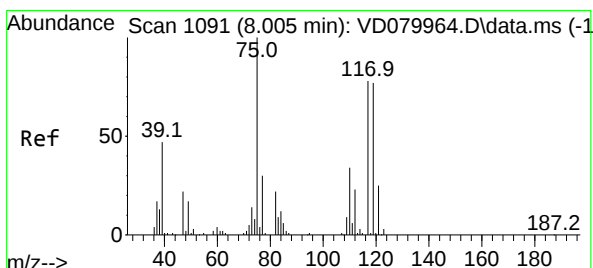
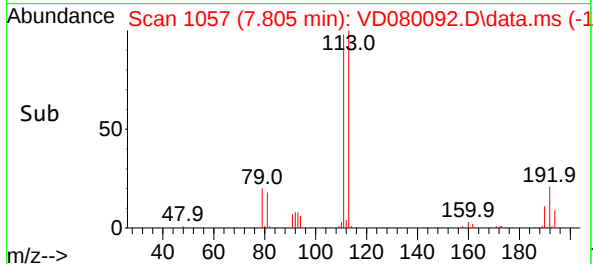
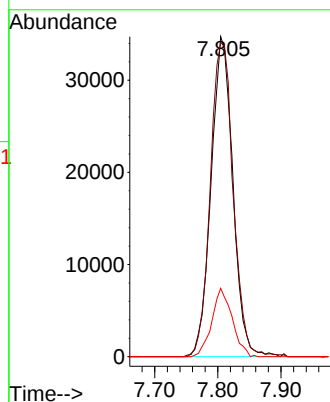
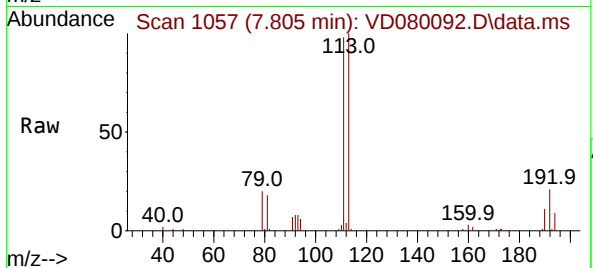
Tgt Ion:113 Resp: 83220

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 20.0 16.6 25.0



#36

1,1-Dichloropropene

Concen: 5.011 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD080092.D

Acq: 19 Nov 2024 19:13

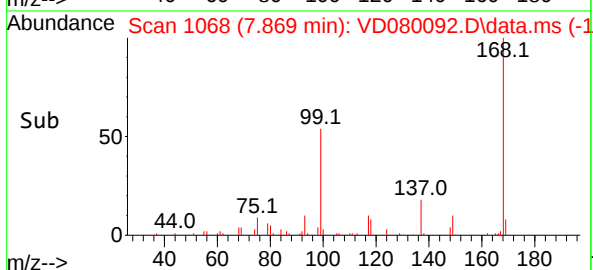
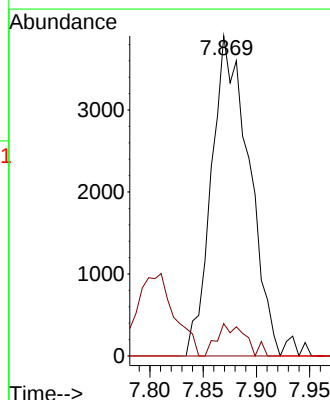
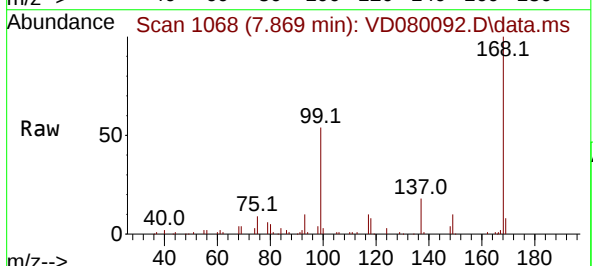
Tgt Ion: 75 Resp: 9558

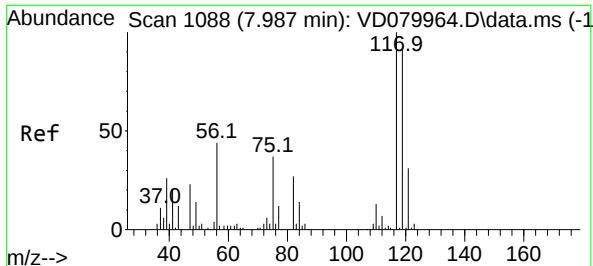
Ion Ratio Lower Upper

75 100

110 7.6 18.4 55.0#

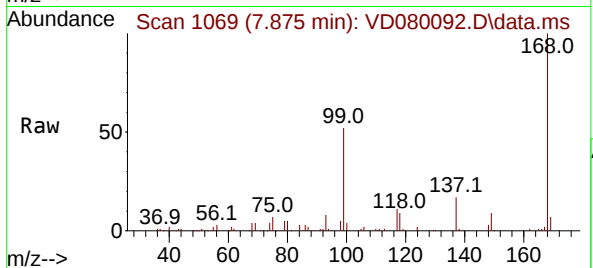
77 0.0 25.6 38.4#



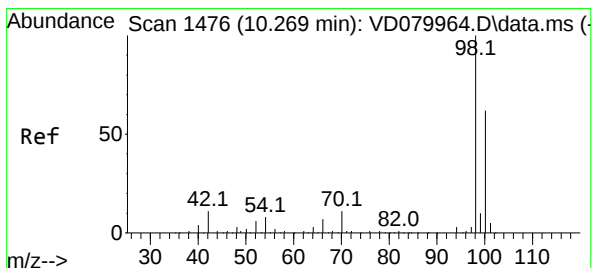
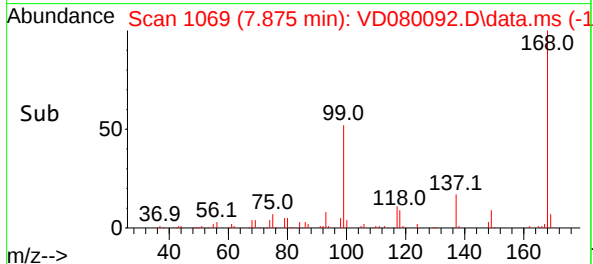
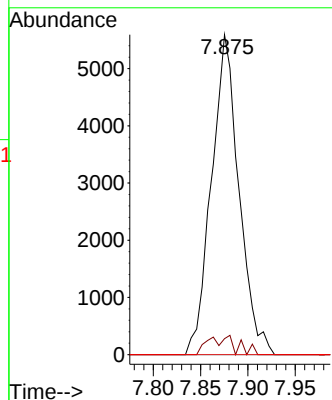


#38
Carbon Tetrachloride
Concen: 5.429 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Instrument :
MSVOA_D
ClientSampleId :

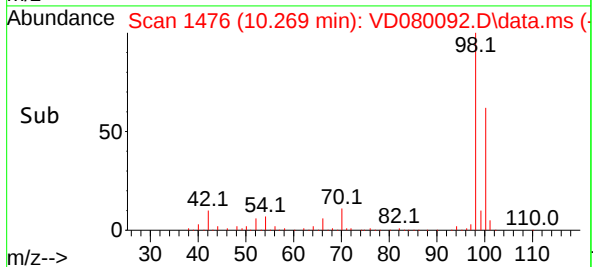
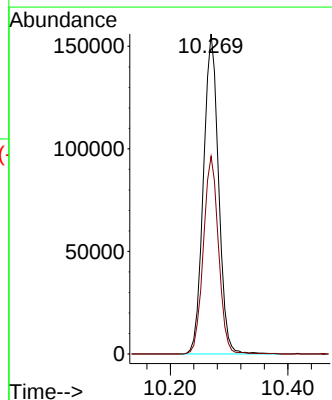
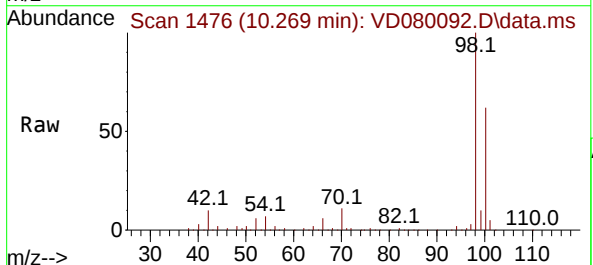


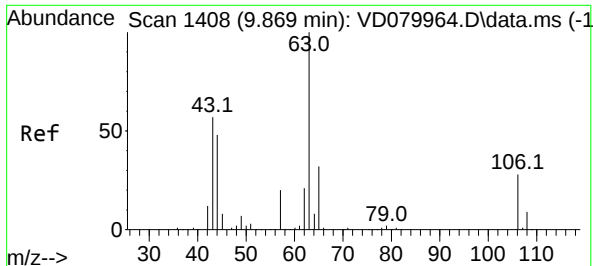
Tgt Ion:117 Resp: 11314
Ion Ratio Lower Upper
117 100
119 5.0 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.944 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Tgt Ion: 98 Resp: 278333
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.4

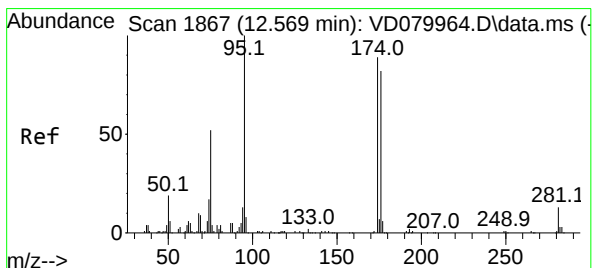
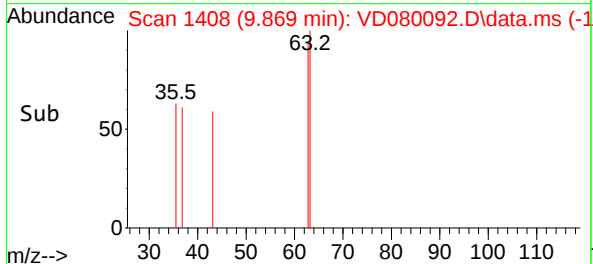
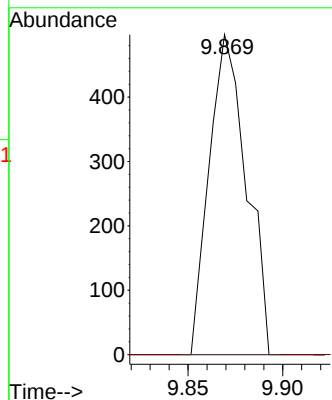
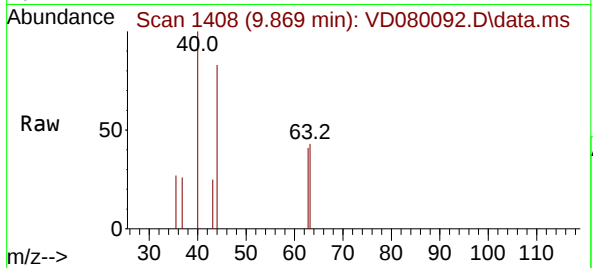




#58
2-Chloroethyl Vinyl ether
Concen: 1.404 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

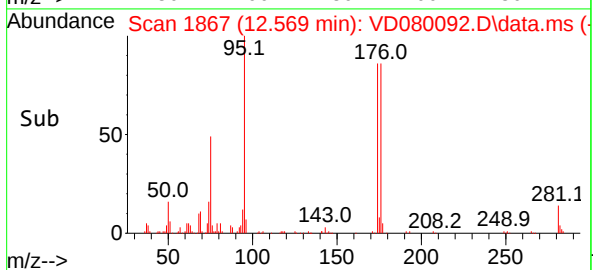
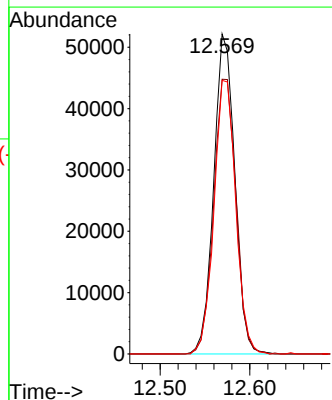
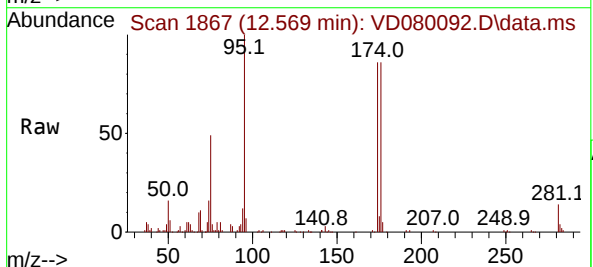
Instrument :
MSVOA_D
ClientSampleId :

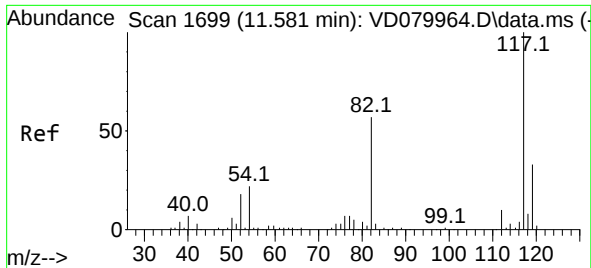
Tgt Ion: 63 Resp: 679
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 49.385 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Tgt Ion: 95 Resp: 85180
Ion Ratio Lower Upper
95 100
174 91.0 0.0 173.4
176 88.3 0.0 166.6

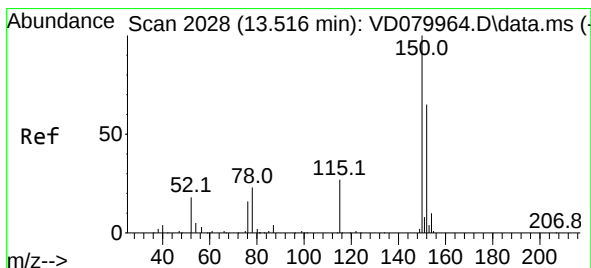
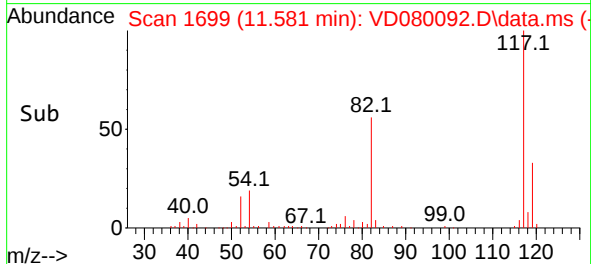
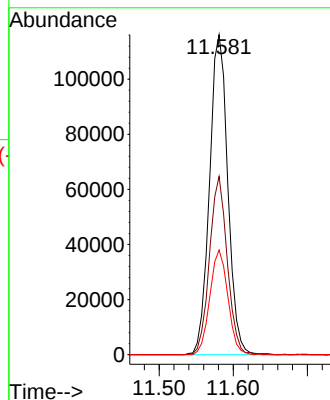
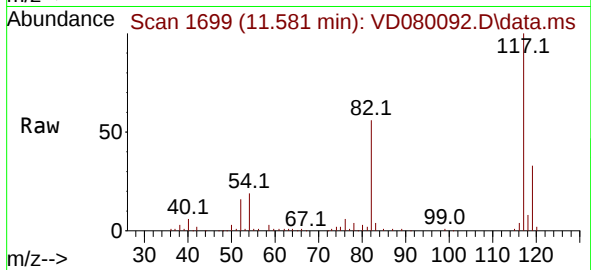




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

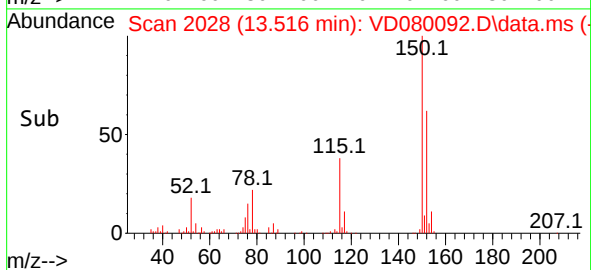
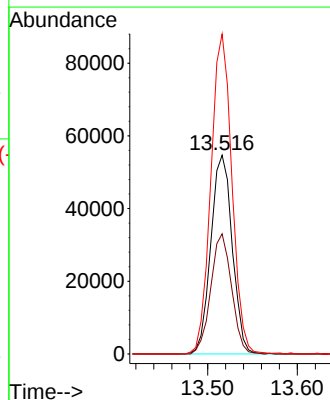
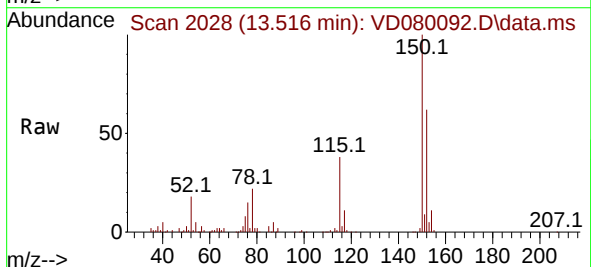
Instrument :
MSVOA_D
ClientSampleId :

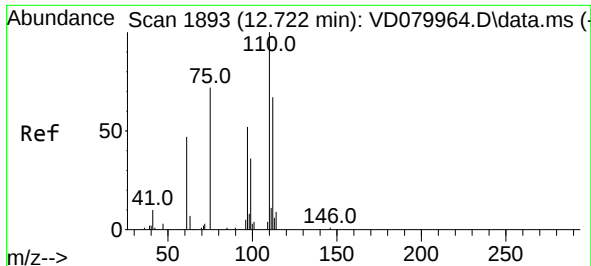
Tgt Ion:117 Resp: 198863
Ion Ratio Lower Upper
117 100
82 55.7 45.8 68.6
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Tgt Ion:152 Resp: 90585
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 157.9 0.0 354.8

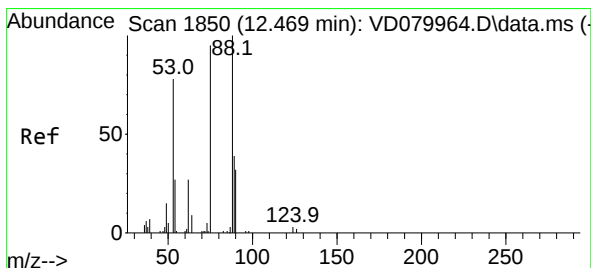
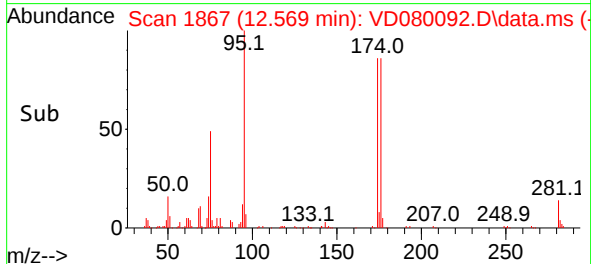
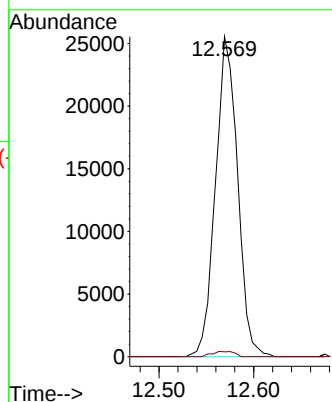
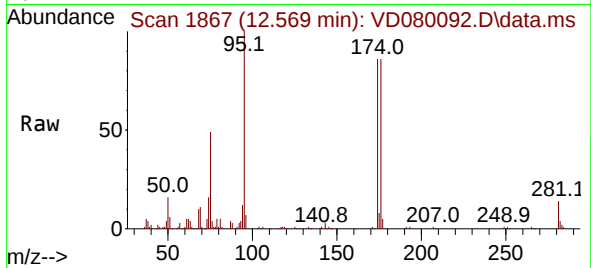




#76
1,2,3-Trichloropropane
Concen: 51.746 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 41391
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.906 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080092.D
Acq: 19 Nov 2024 19:13

Tgt Ion: 75 Resp: 41391
Ion Ratio Lower Upper
75 100
53 0.1 68.7 103.1#
89 0.2 36.1 54.1#

