

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074744.D
 Acq On : 04 Nov 2022 18:04
 Operator : VA/SY
 Sample : N5418-10
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-M

Quant Time: Nov 07 00:28:59 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)

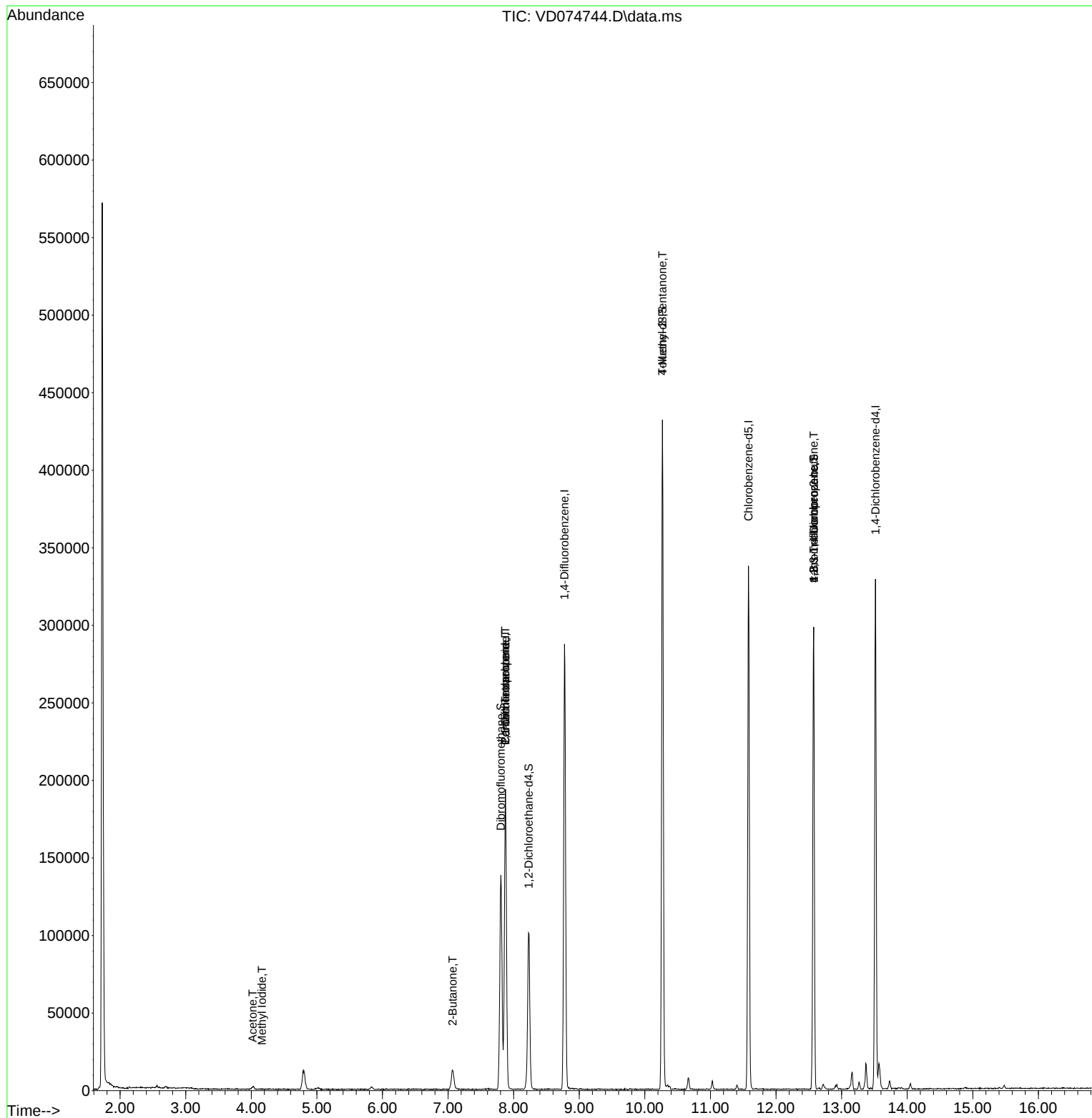
Internal Standards						
1) Pentafluorobenzene	7.875	168	156994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78941	63.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.980%			
35) Dibromofluoromethane	7.805	113	101986	61.953	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.900%			
50) Toluene-d8	10.269	98	311496	51.875	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.740%			
62) 4-Bromofluorobenzene	12.575	95	89940	51.875	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.760%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	304	5.682	ug/l #	43
11) Tert butyl alcohol	5.058	59	53	Below Cal	#	84
16) Acetone	4.022	43	2821	10.872	ug/l #	85
20) Methylene Chloride	4.805	84	10868	Below Cal		93
25) 2-Butanone	7.069	43	693	1.942	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	10708	4.285	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15240	6.438	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	893	1.187	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	45030	62.096	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	45030	147.399	ug/l #	17

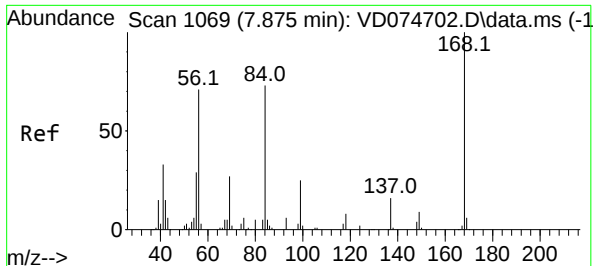
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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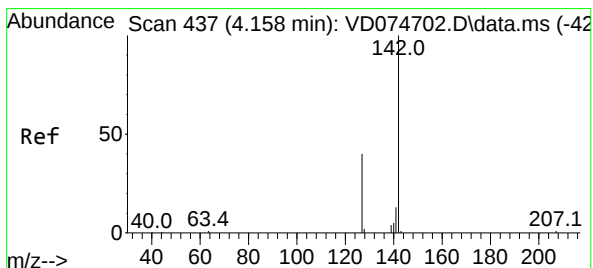
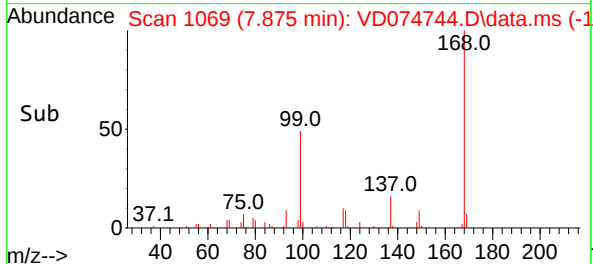
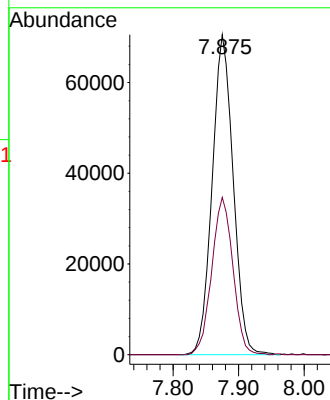
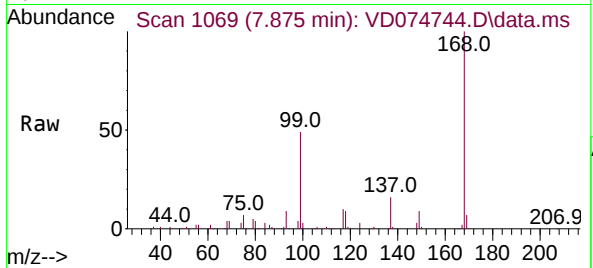




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

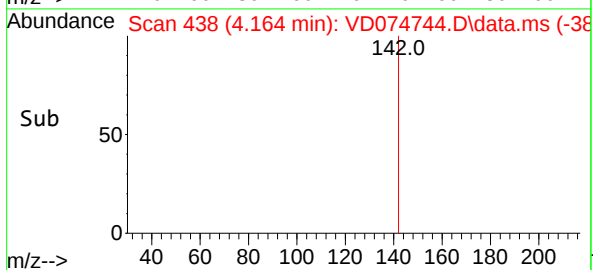
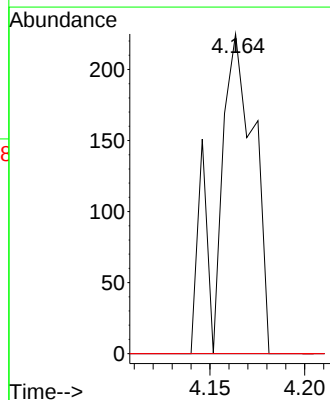
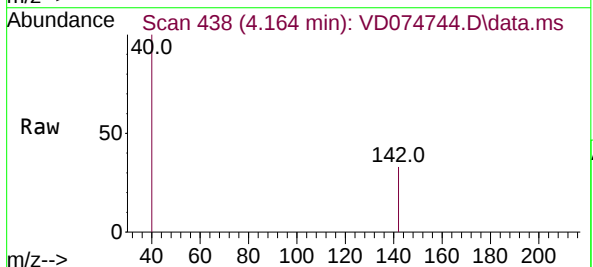
Instrument :
MSVOA_D
ClientSampleId :
TP-M

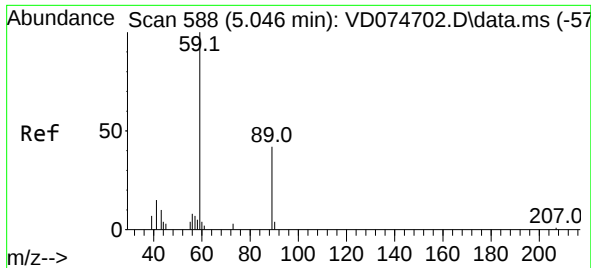
Tgt Ion:168 Resp: 156994
Ion Ratio Lower Upper
168 100
99 49.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.682 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Tgt Ion:142 Resp: 304
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

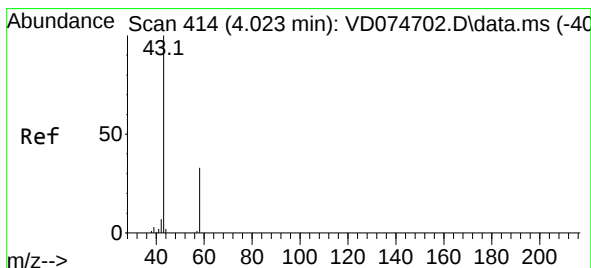
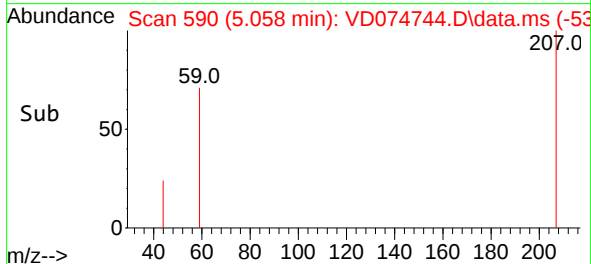
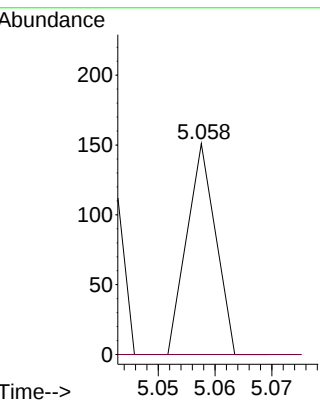
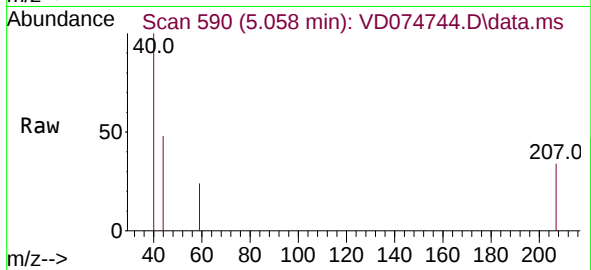




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

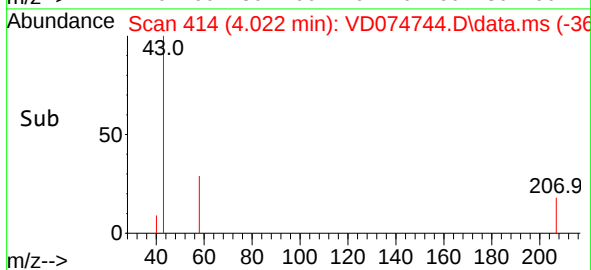
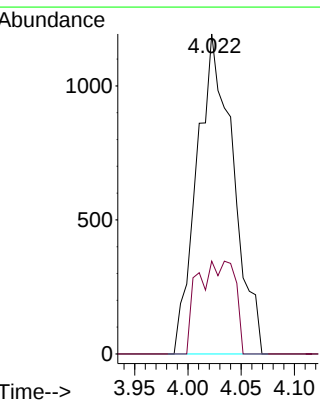
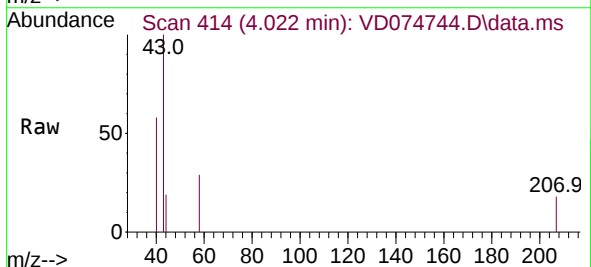
Instrument :
MSVOA_D
ClientSampleId :
TP-M

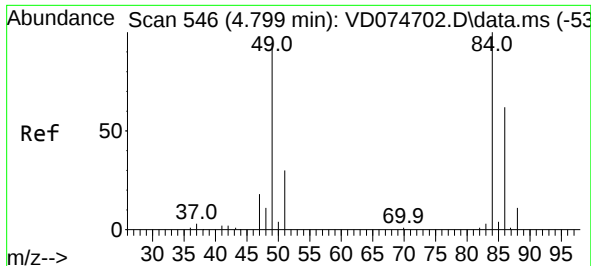
Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 10.872 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 29.0 30.2 45.2#



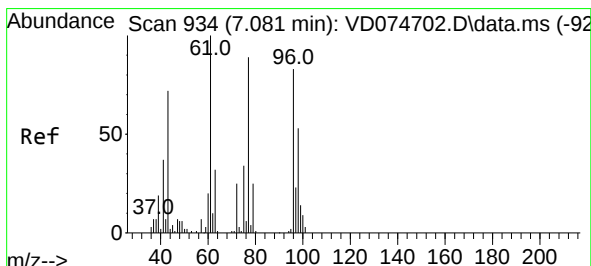
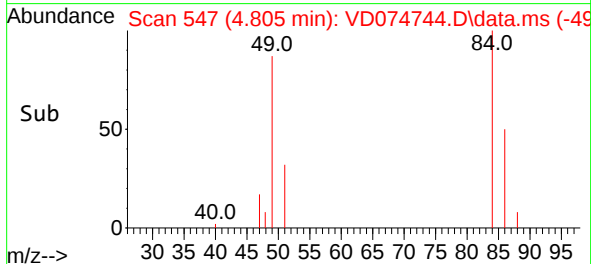
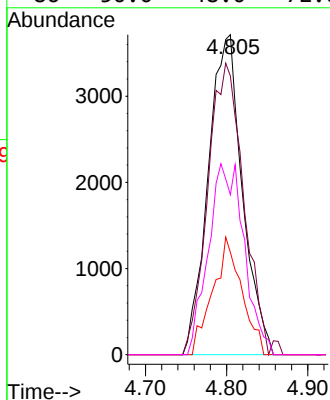
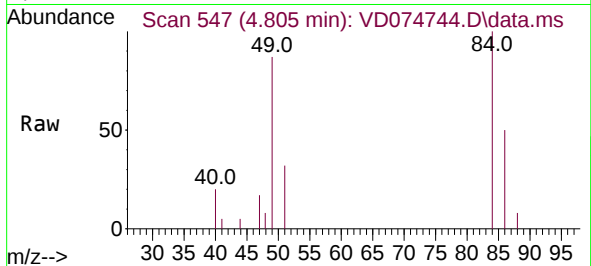


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :
TP-M

Tgt Ion: 84 Resp: 10868

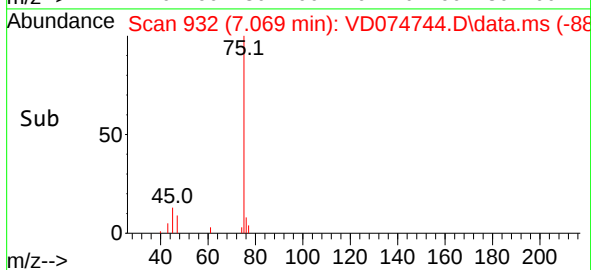
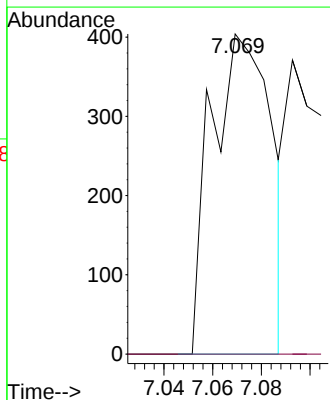
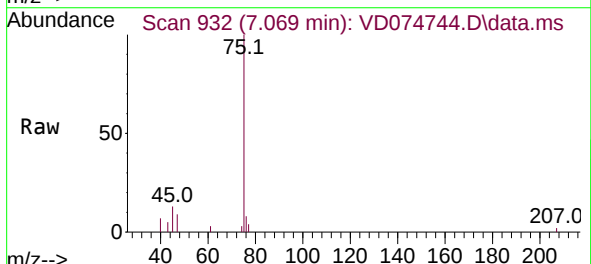
Ion	Ratio	Lower	Upper
84	100		
49	87.1	68.0	102.0
51	32.0	23.2	34.8
86	50.0	48.0	72.0

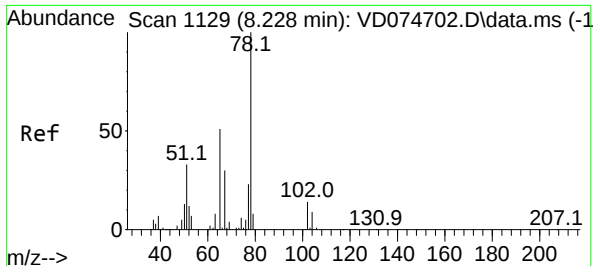


#25
2-Butanone
Concen: 1.942 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 43 Resp: 693

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#





#33

1,2-Dichloroethane-d4

Concen: 63.487 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074744.D

Acq: 04 Nov 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

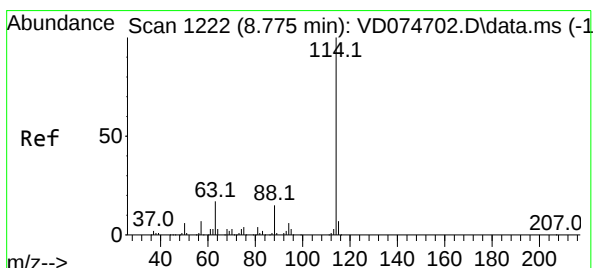
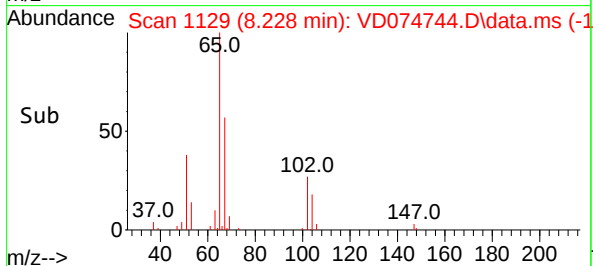
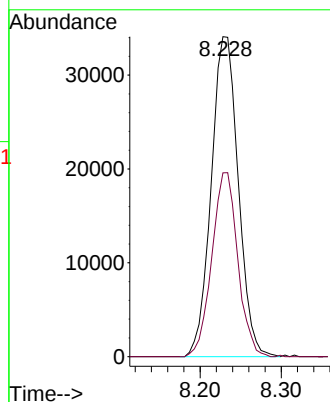
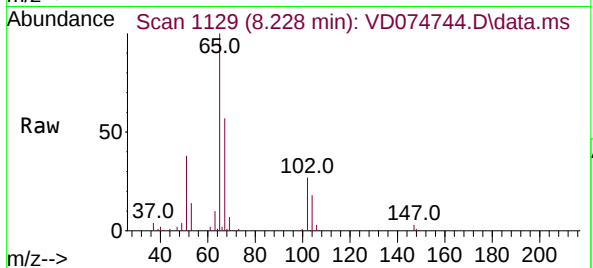
TP-M

Tgt Ion: 65 Resp: 78941

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074744.D

Acq: 04 Nov 2022 18:04

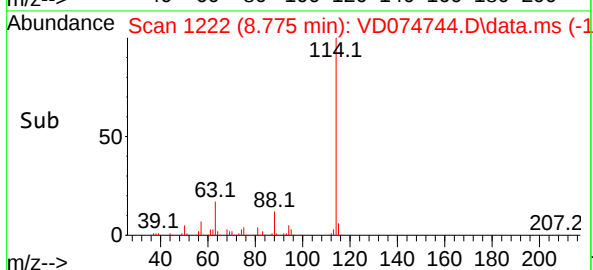
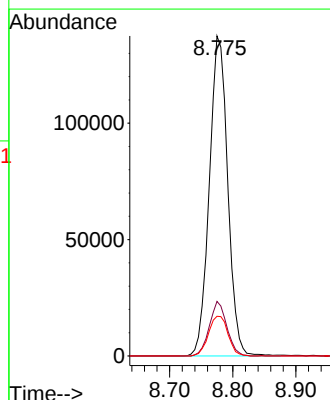
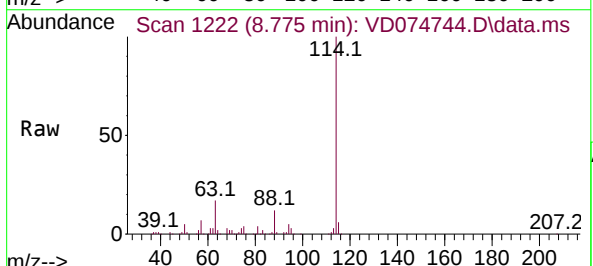
Tgt Ion: 114 Resp: 278288

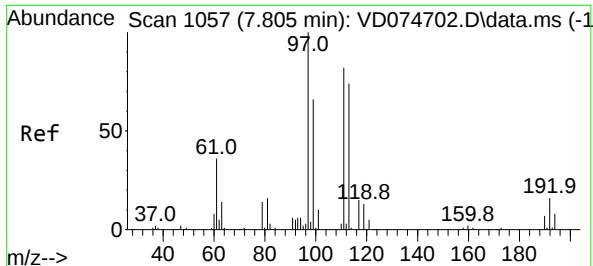
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 12.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 61.953 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074744.D

Acq: 04 Nov 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

TP-M

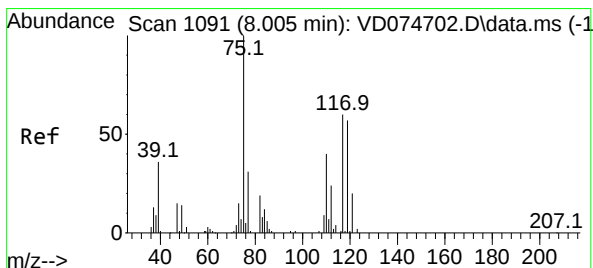
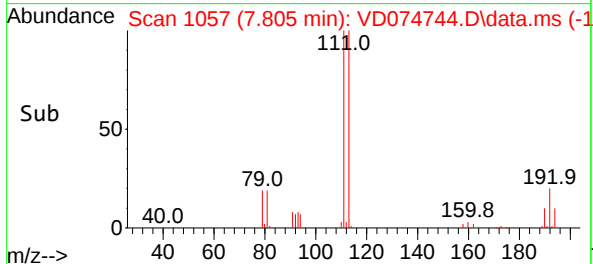
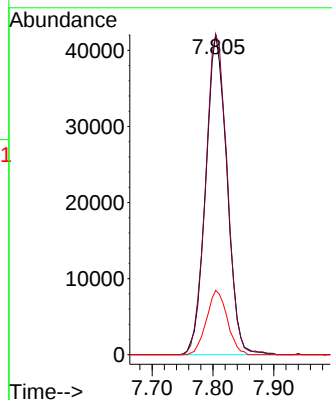
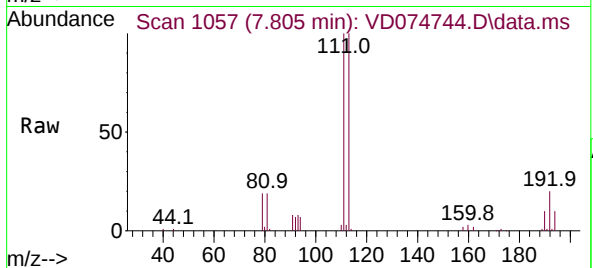
Tgt Ion:113 Resp: 101986

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 19.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074744.D

Acq: 04 Nov 2022 18:04

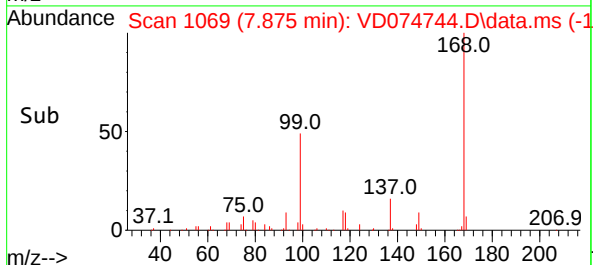
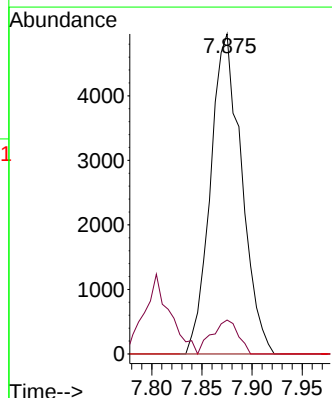
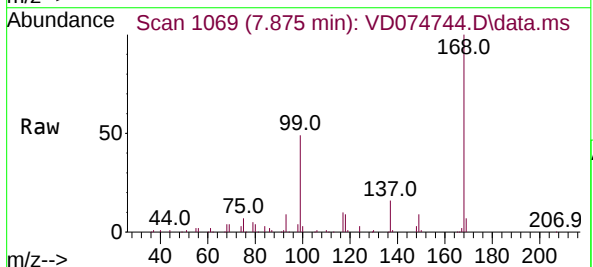
Tgt Ion: 75 Resp: 10708

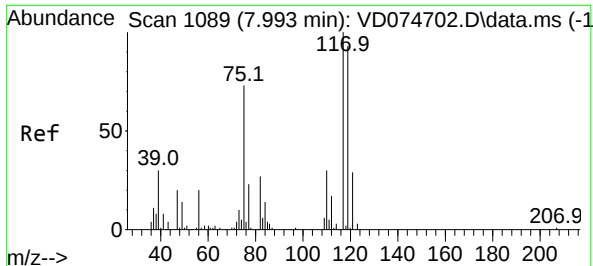
Ion Ratio Lower Upper

75 100

110 8.9 19.7 59.0#

77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 6.438 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074744.D

Acq: 04 Nov 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

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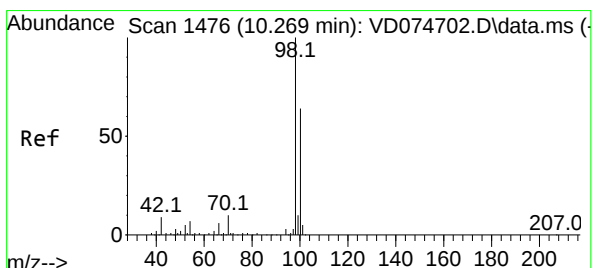
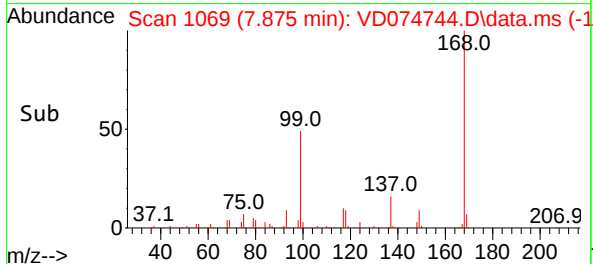
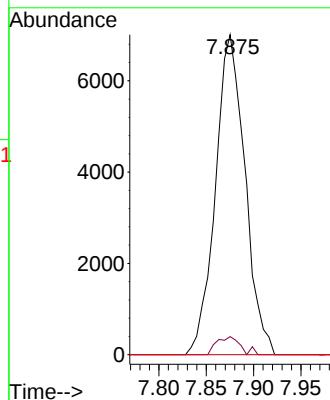
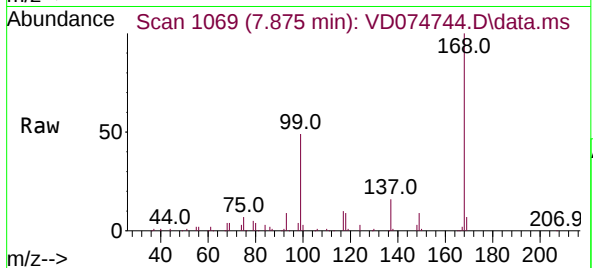
Tgt Ion:117 Resp: 15240

Ion Ratio Lower Upper

117 100

119 5.6 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 51.875 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074744.D

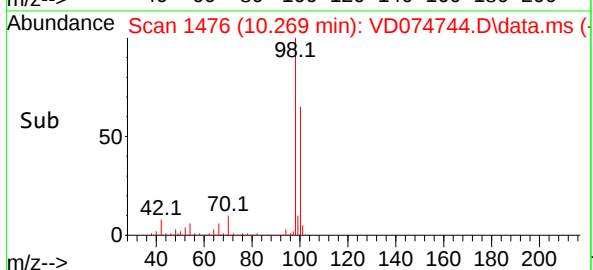
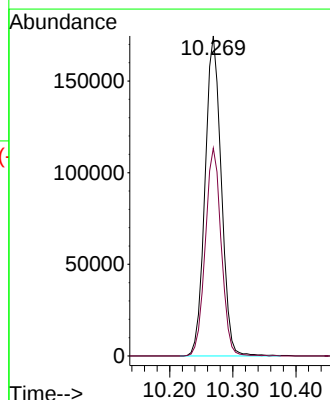
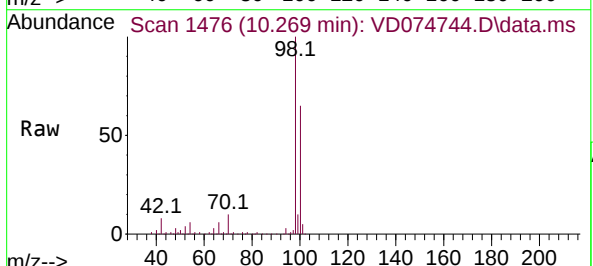
Acq: 04 Nov 2022 18:04

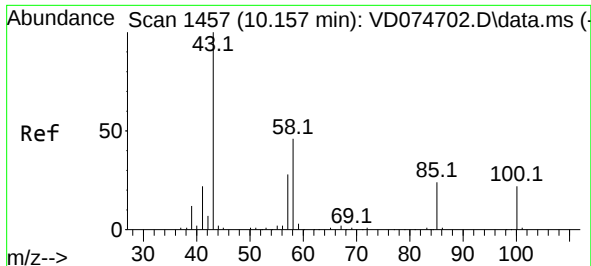
Tgt Ion: 98 Resp: 311496

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

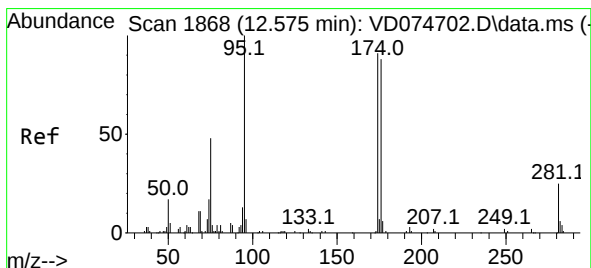
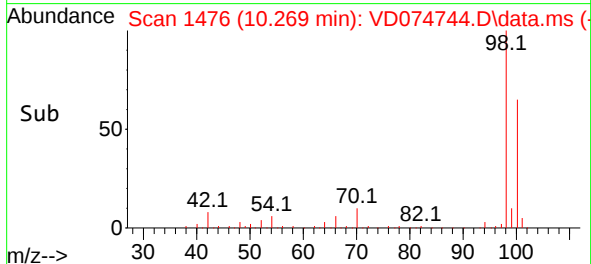
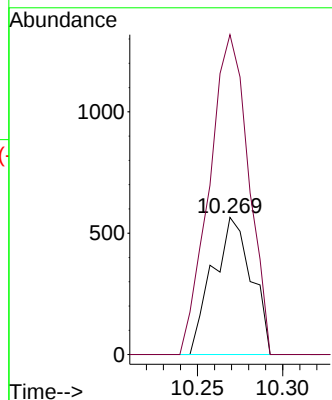
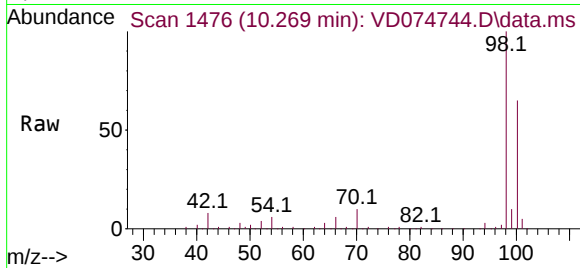




#51
4-Methyl-2-Pentanone
Concen: 1.187 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

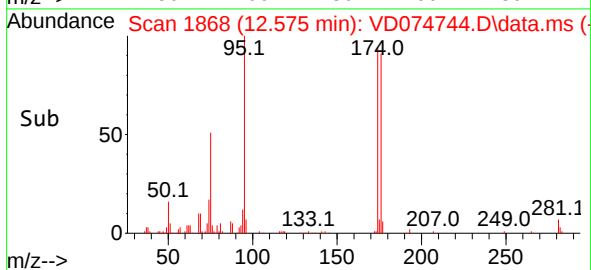
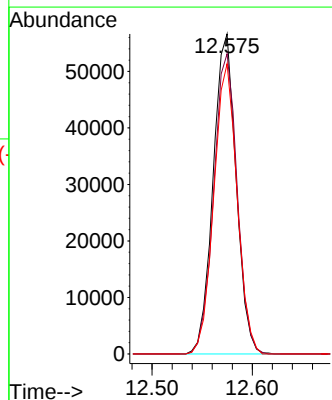
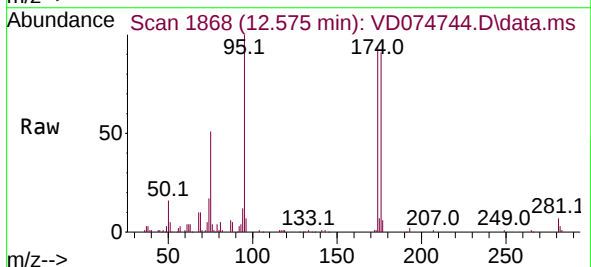
Instrument :
MSVOA_D
ClientSampleId :
TP-M

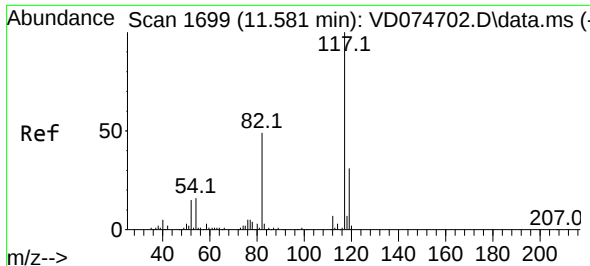
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 236.8 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 51.875 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 95 Resp: 89940
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.0
176 91.6 0.0 182.6

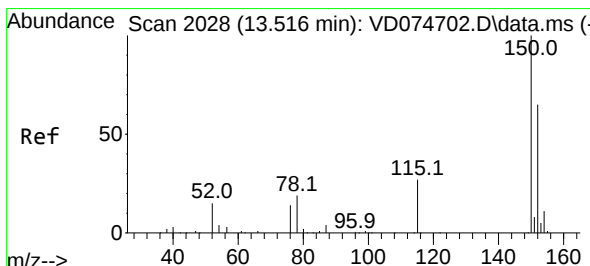
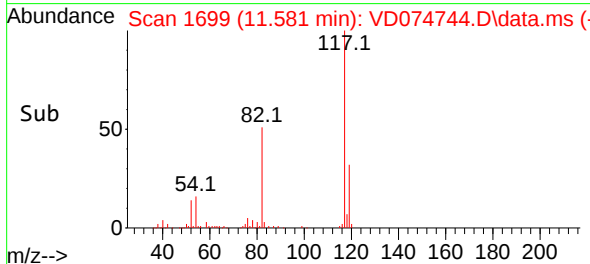
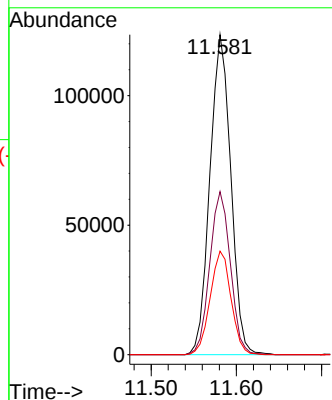
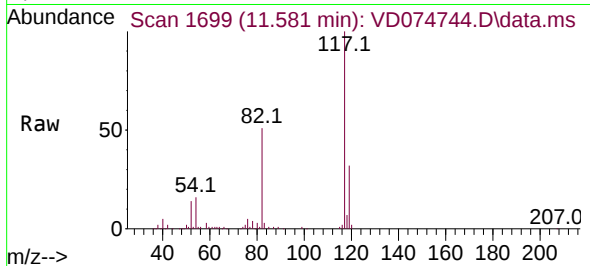




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

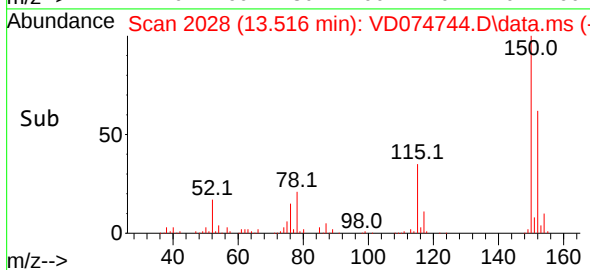
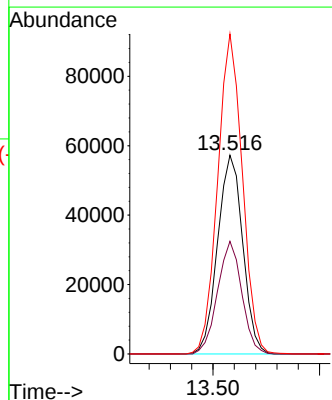
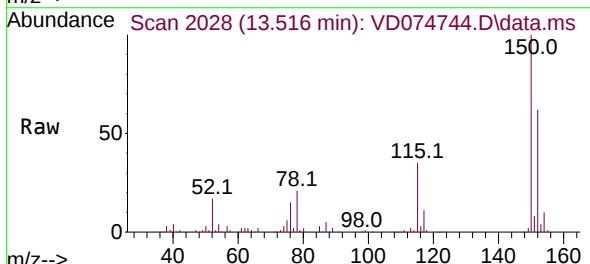
Instrument :
MSVOA_D
ClientSampleId :
TP-M

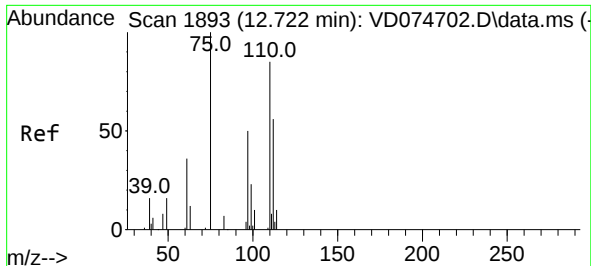
Tgt Ion:117 Resp: 210603
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074744.D
Acq: 04 Nov 2022 18:04

Tgt Ion:152 Resp: 93546
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 158.5 0.0 348.2

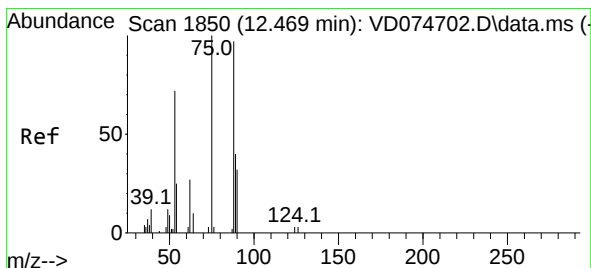
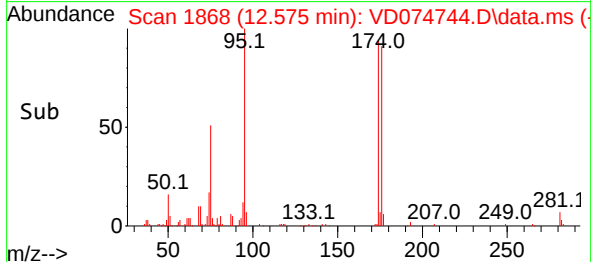
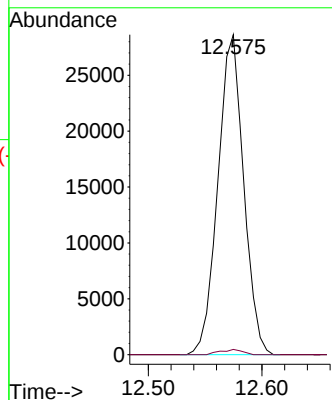
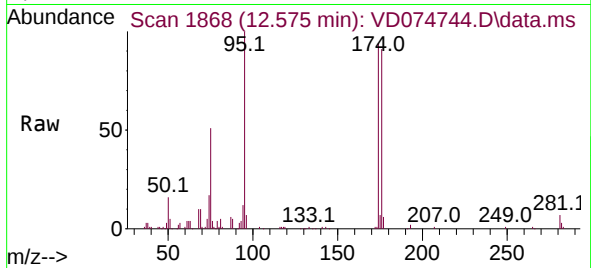




#76
 1,2,3-Trichloropropane
 Concen: 62.096 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074744.D
 Acq: 04 Nov 2022 18:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-M

Tgt Ion: 75 Resp: 45030
 Ion Ratio Lower Upper
 75 100
 77 1.4 185.8 557.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.399 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074744.D
 Acq: 04 Nov 2022 18:04

Tgt Ion: 75 Resp: 45030
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

