

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074742.D
 Acq On : 04 Nov 2022 17:09
 Operator : VA/SY
 Sample : N5418-04
 Misc : 3.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-K

Quant Time: Nov 07 00:28:23 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)

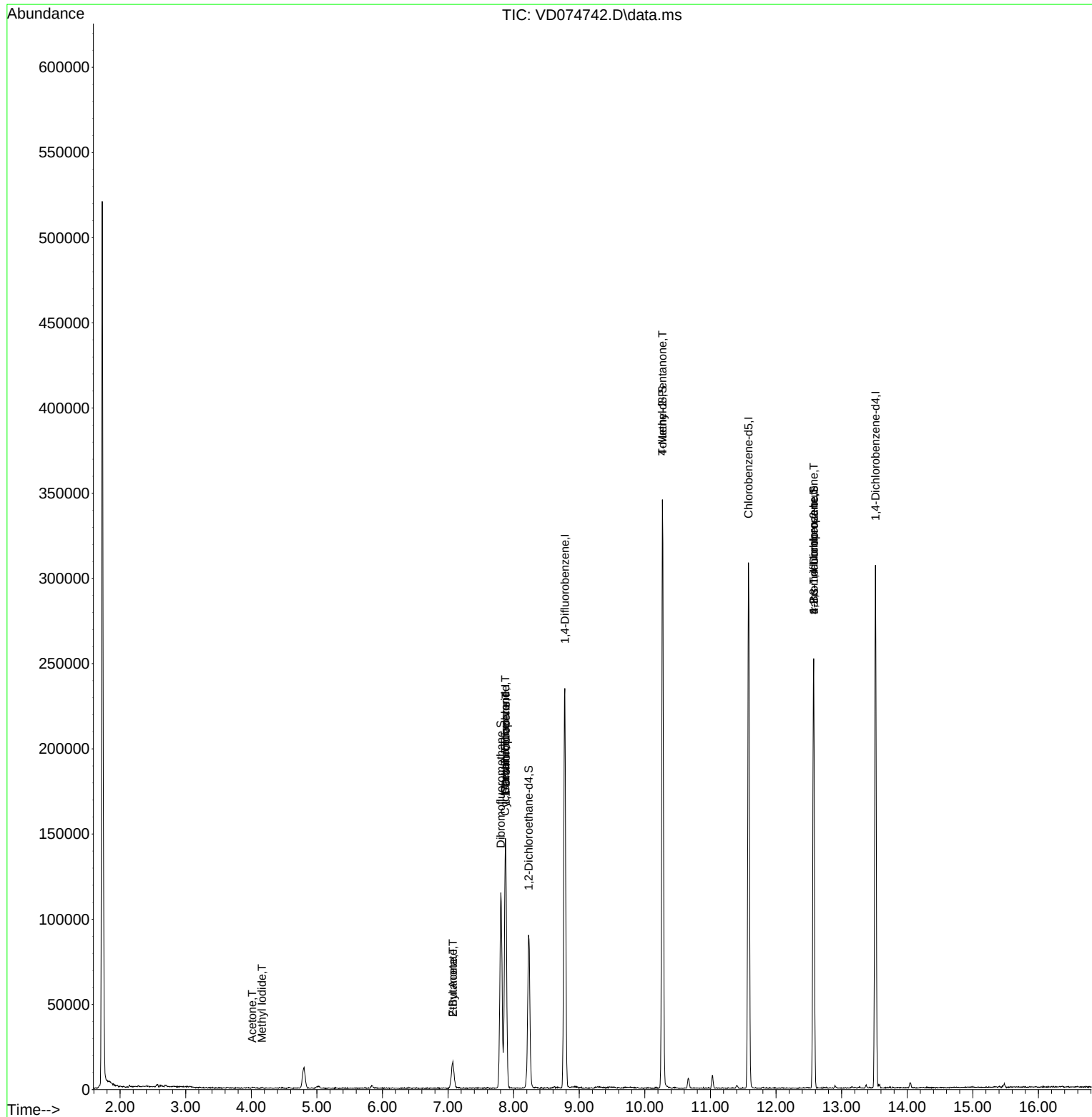
Internal Standards						
1) Pentafluorobenzene	7.875	168	122184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71474	73.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.720%	
35) Dibromofluoromethane	7.804	113	84195	61.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.000%	
50) Toluene-d8	10.269	98	248899	50.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.575	95	76262	53.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.640%	
Target Compounds						Qvalue
10) Methyl Iodide	4.163	142	324	5.728	ug/l #	43
11) Tert butyl alcohol	5.011	59	915	Below Cal	#	84
16) Acetone	4.016	43	420	2.080	ug/l #	75
20) Methylene Chloride	4.805	84	10466	Below Cal	#	88
25) 2-Butanone	7.075	43	1019	3.670	ug/l #	42
31) Cyclohexane	7.869	56	2080	1.062	ug/l #	5
36) 1,1-Dichloropropene	7.881	75	8225	3.990	ug/l #	46
37) Ethyl Acetate	7.075	43	1019	1.482	ug/l #	13
38) Carbon Tetrachloride	7.875	117	11403	5.839	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	714	1.151	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	39161	57.839	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	39161	137.297	ug/l #	17

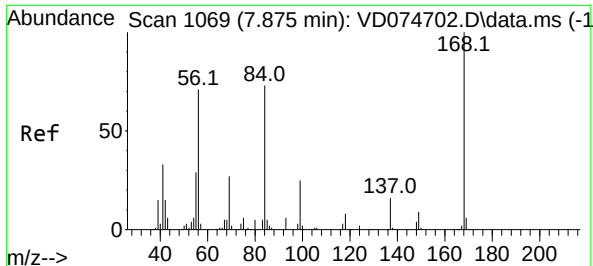
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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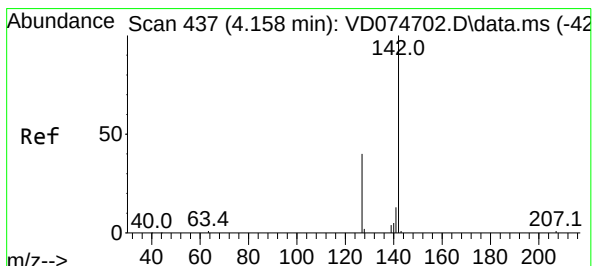
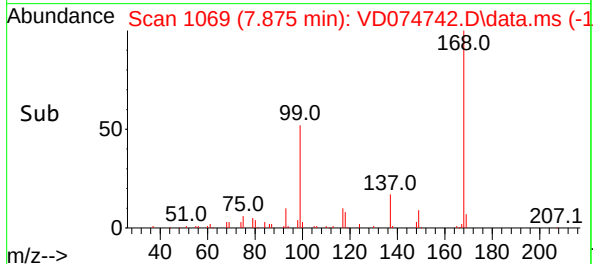
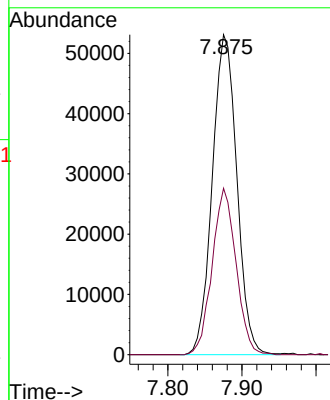
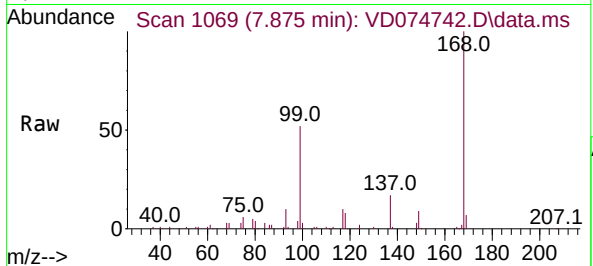




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

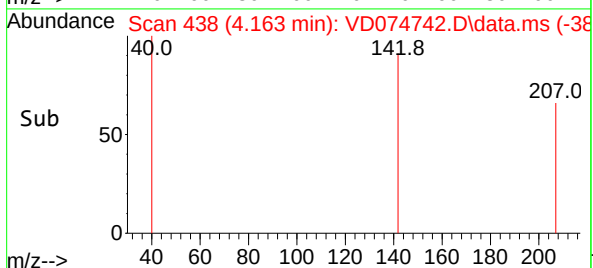
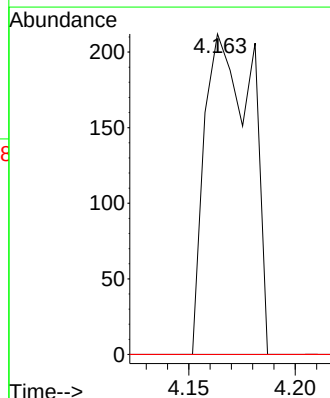
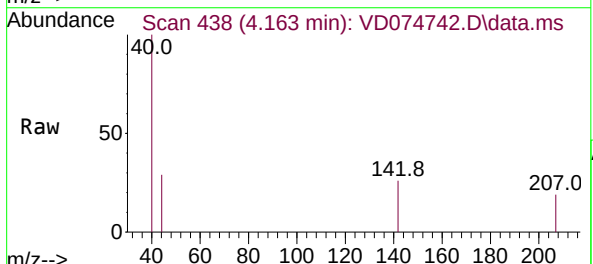
Instrument :
MSVOA_D
ClientSampleId :
TP-K

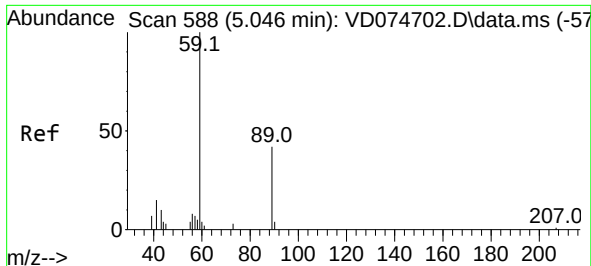
Tgt Ion:168 Resp: 122184
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.728 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion:142 Resp: 324
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

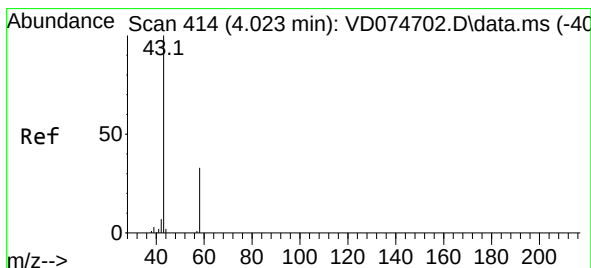
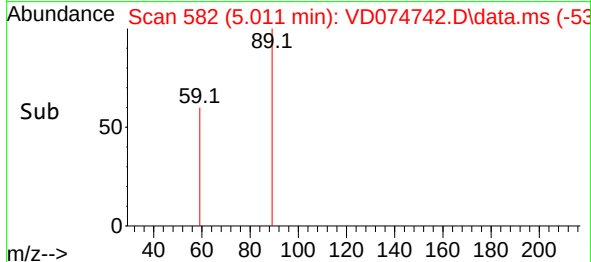
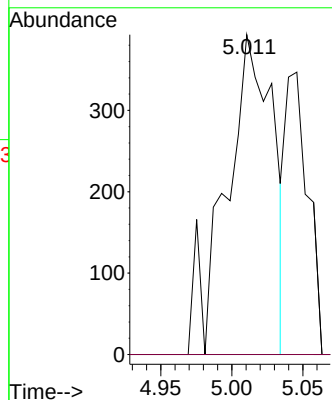
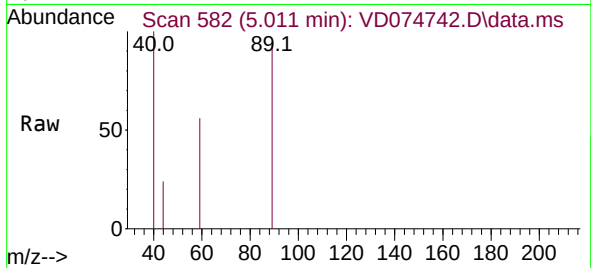




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.011 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

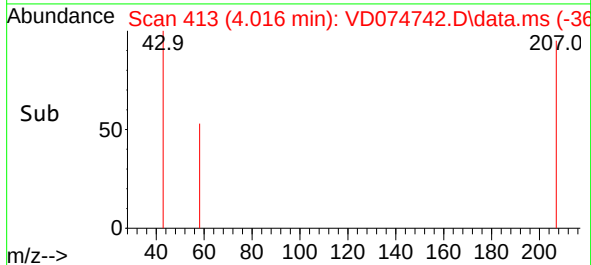
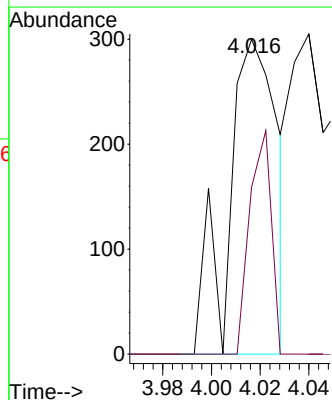
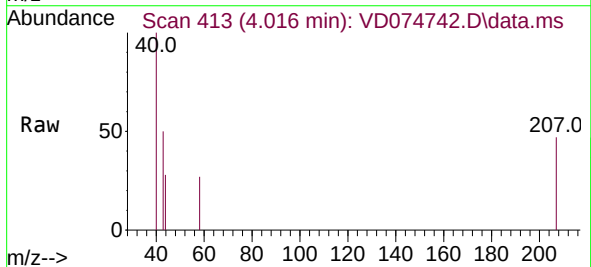
Instrument :
MSVOA_D
ClientSampleId :
TP-K

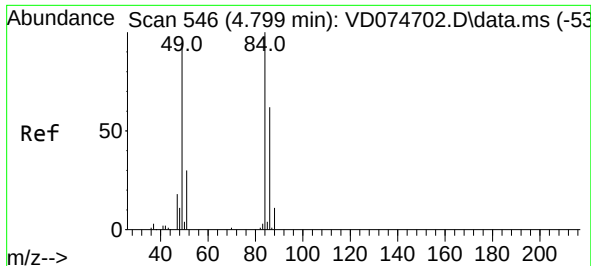
Tgt Ion: 59 Resp: 915
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 2.080 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

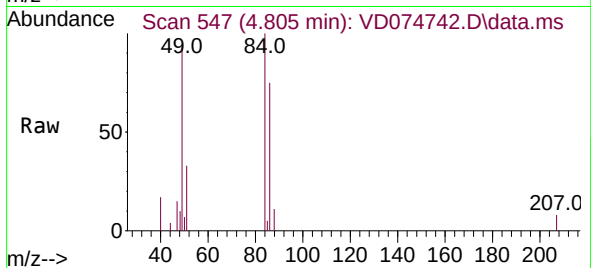
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 53.0 30.2 45.2#



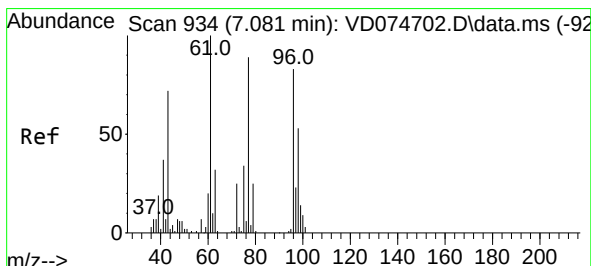
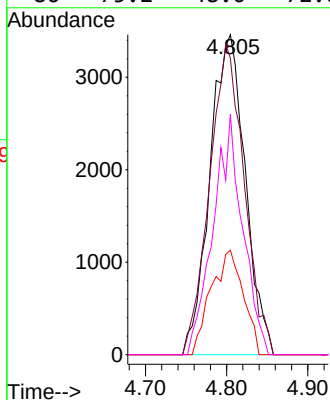
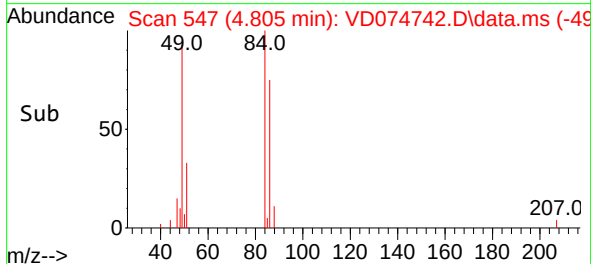


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Instrument :
MSVOA_D
ClientSampleId :
TP-K

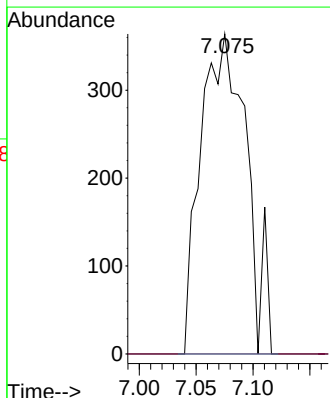
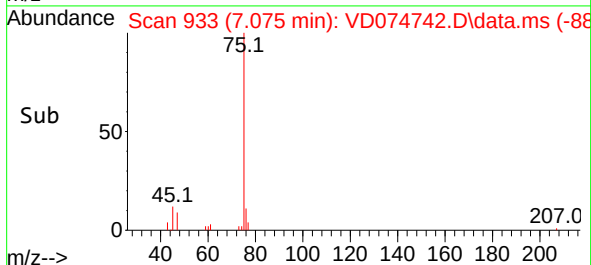
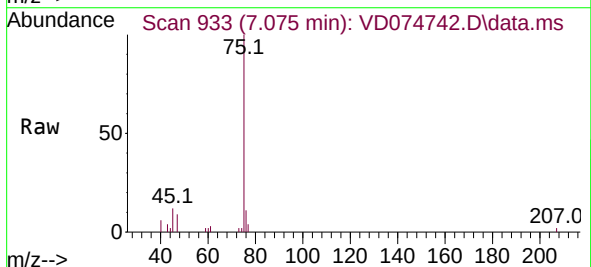


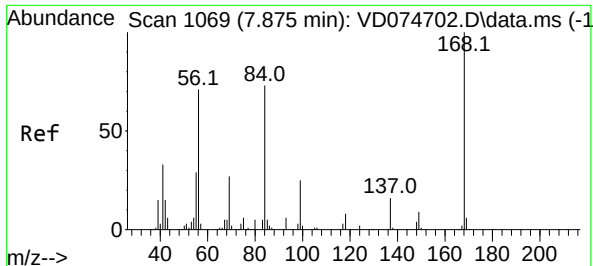
Tgt Ion: 84 Resp: 10466
Ion Ratio Lower Upper
84 100
49 92.7 68.0 102.0
51 32.6 23.2 34.8
86 75.2 48.0 72.0#



#25
2-Butanone
Concen: 3.670 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

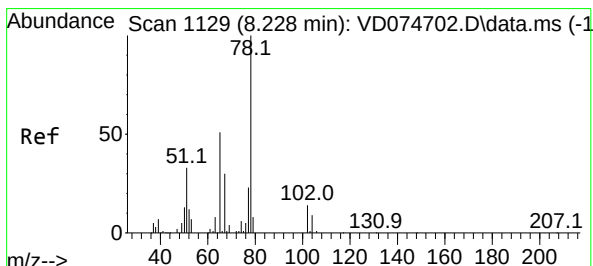
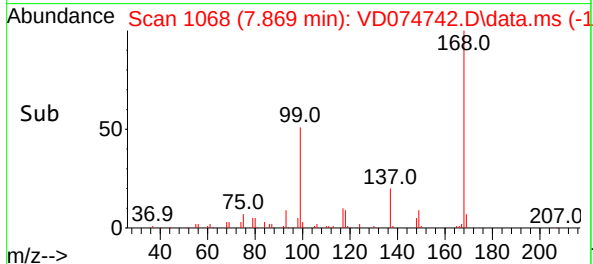
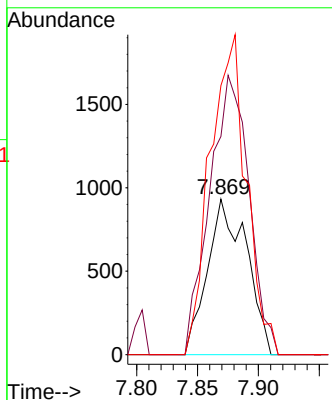
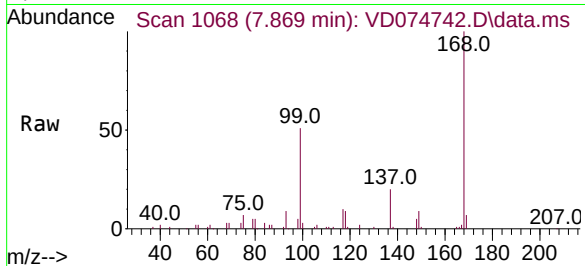




#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

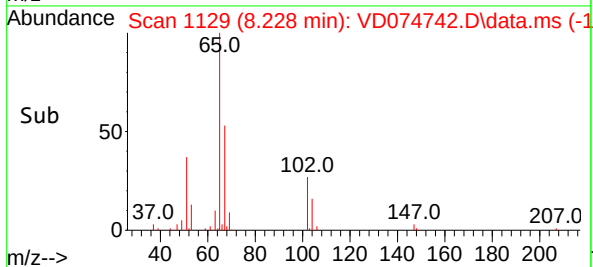
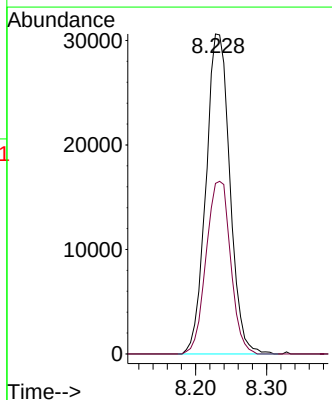
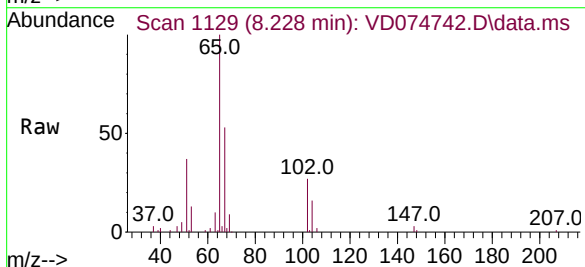
Instrument :
MSVOA_D
ClientSampleId :
TP-K

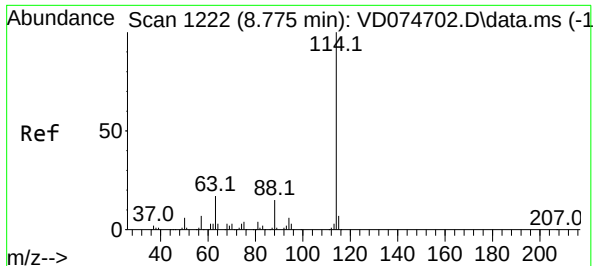
Tgt Ion: 56 Resp: 2080
Ion Ratio Lower Upper
56 100
69 140.3 29.2 43.8#
84 173.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 73.858 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 65 Resp: 71474
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074742.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_D

ClientSampleId :

TP-K

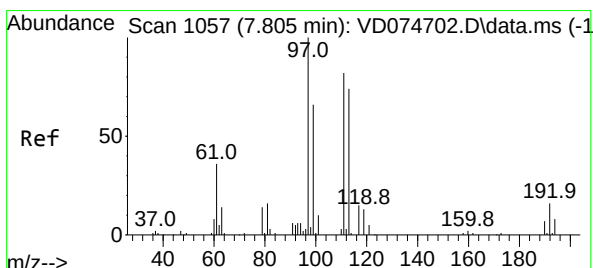
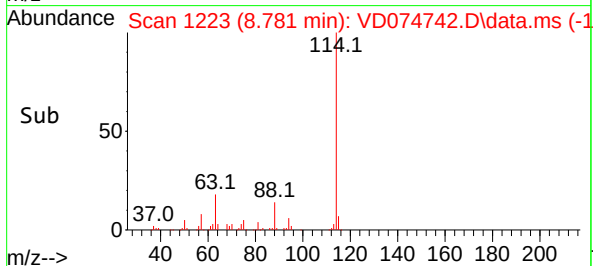
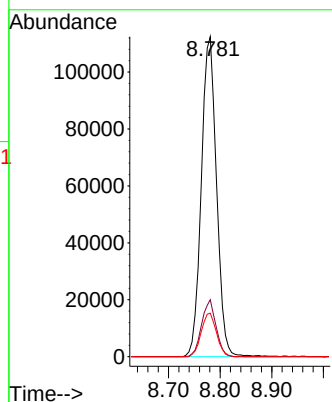
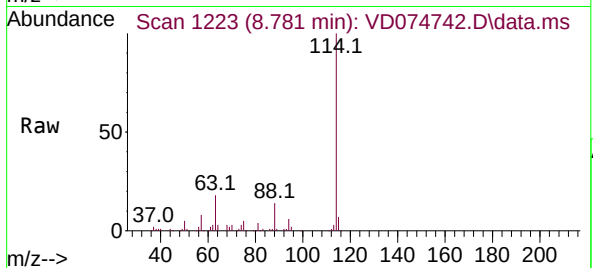
Tgt Ion:114 Resp: 229571

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.999 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074742.D

Acq: 04 Nov 2022 17:09

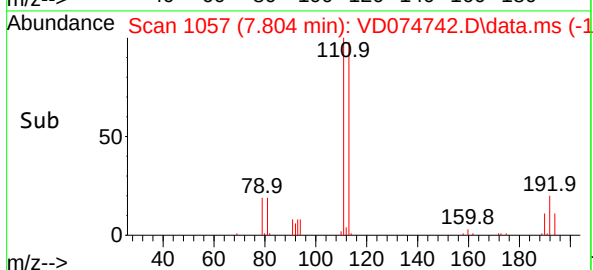
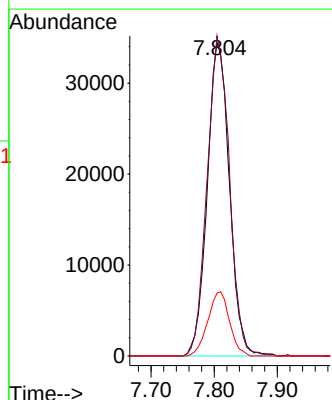
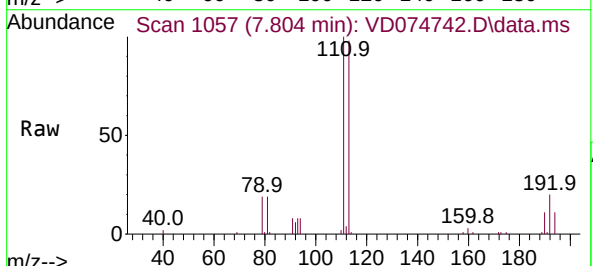
Tgt Ion:113 Resp: 84195

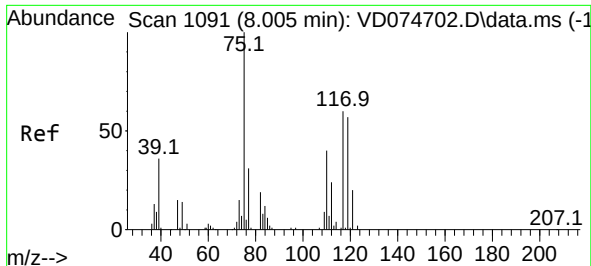
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 20.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.990 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.124 min

Lab File: VD074742.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_D

ClientSampleId :

TP-K

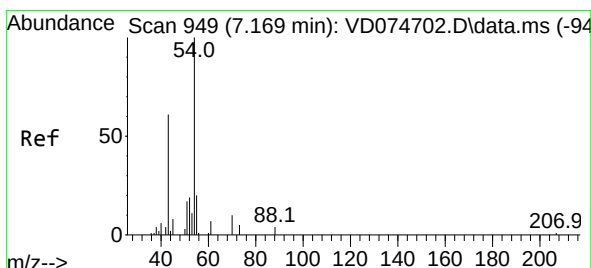
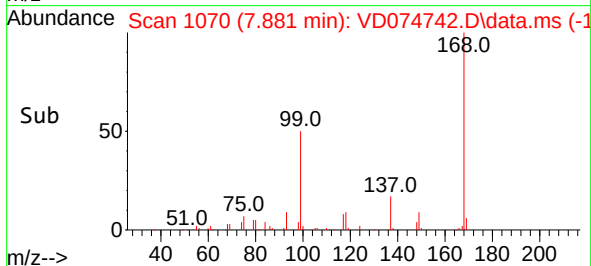
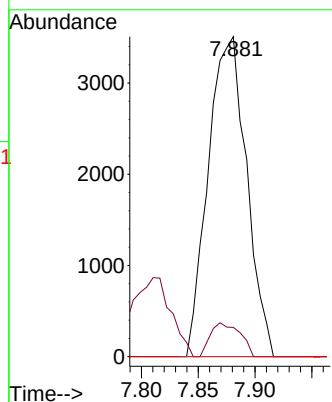
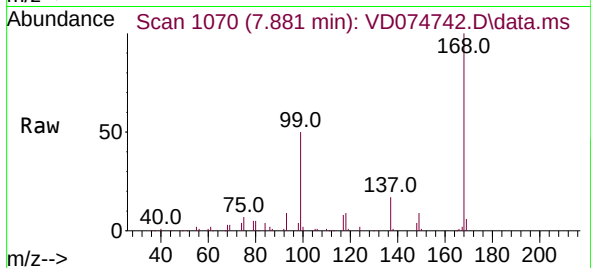
Tgt Ion: 75 Resp: 8225

Ion Ratio Lower Upper

75 100

110 8.2 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.482 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD074742.D

Acq: 04 Nov 2022 17:09

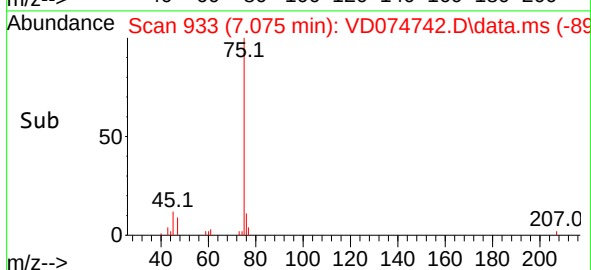
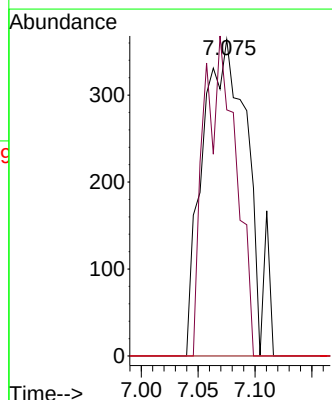
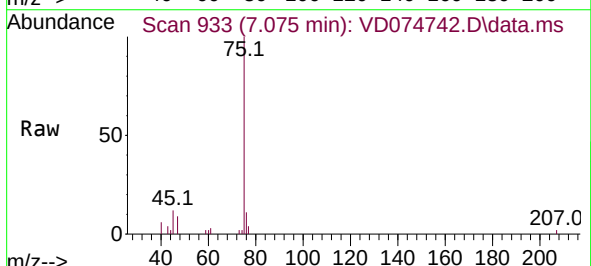
Tgt Ion: 43 Resp: 1019

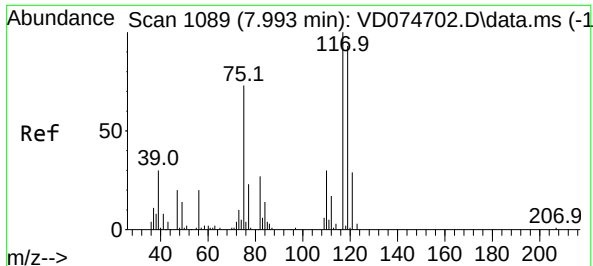
Ion Ratio Lower Upper

43 100

61 70.3 12.2 18.4#

70 0.0 9.6 14.4#

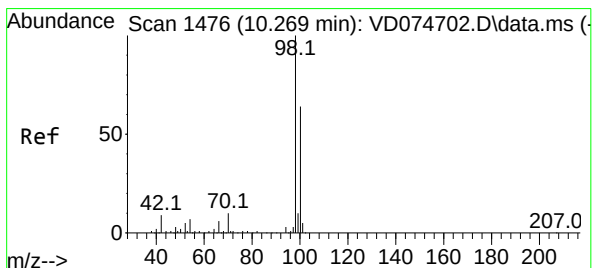
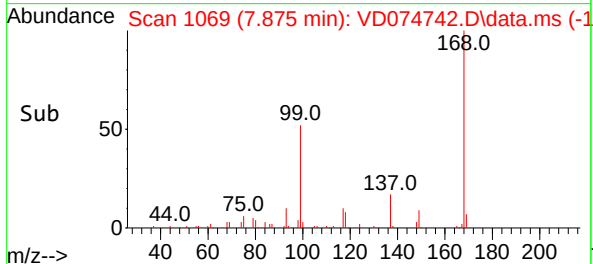
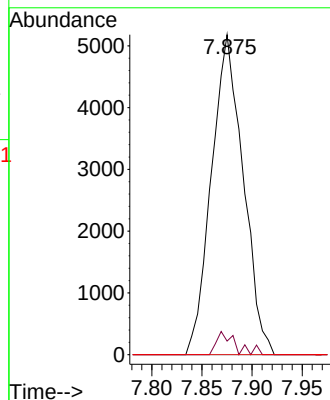
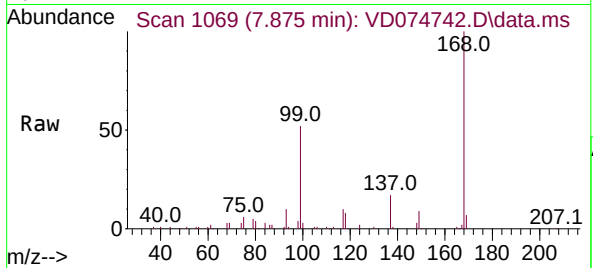




#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.118 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

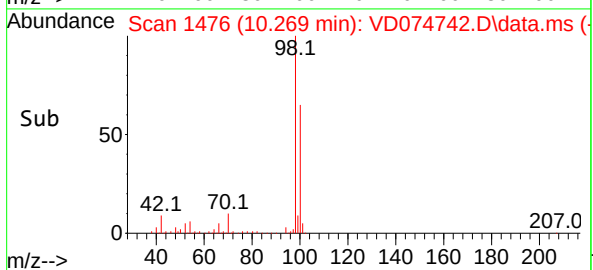
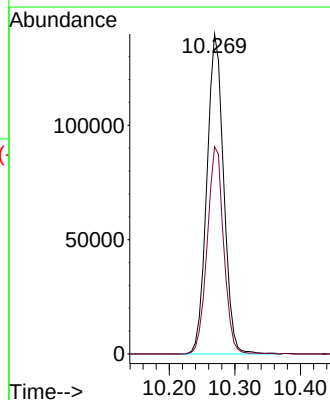
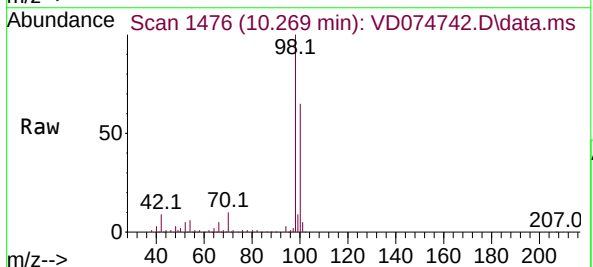
Instrument :
MSVOA_D
ClientSampleId :
TP-K

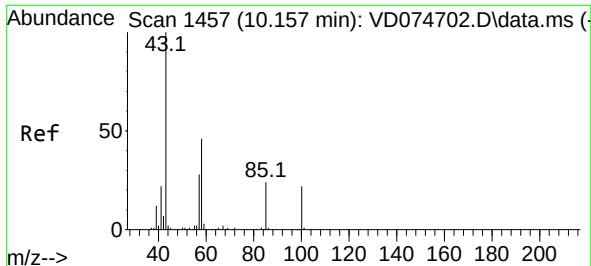
Tgt Ion:117 Resp: 11403
Ion Ratio Lower Upper
117 100
119 4.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 98 Resp: 248899
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

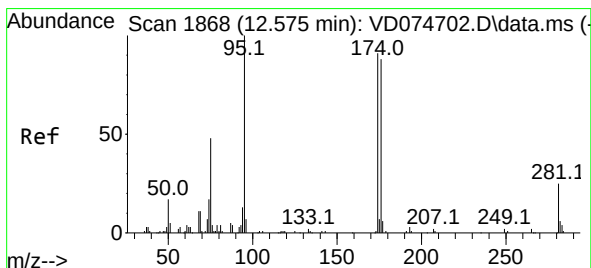
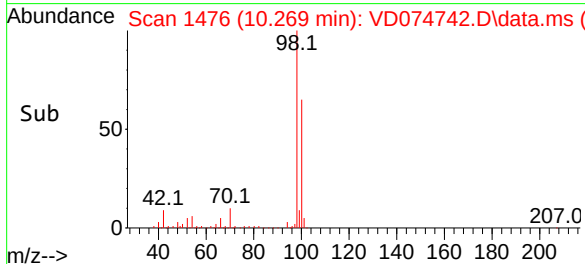
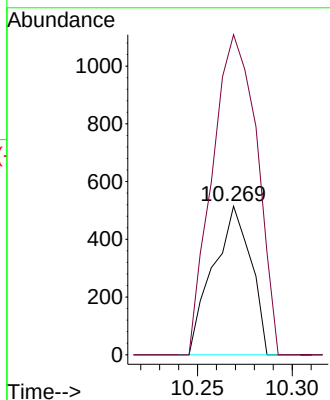
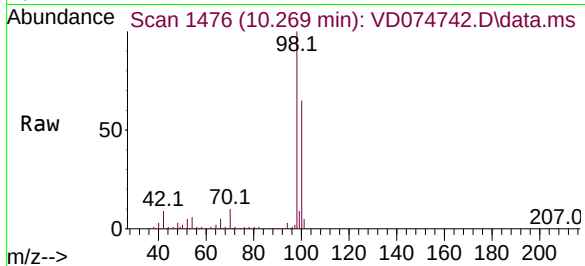




#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

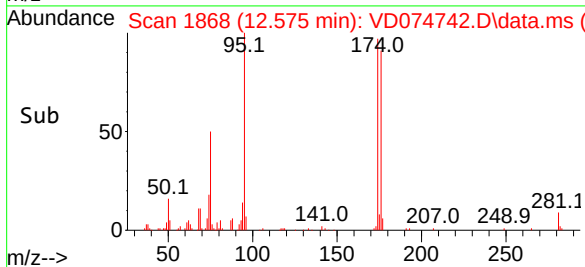
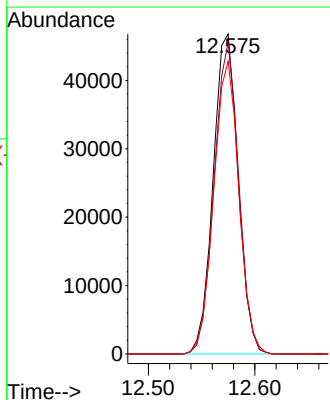
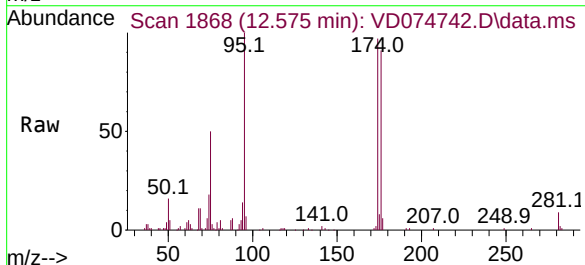
Instrument :
MSVOA_D
ClientSampleId :
TP-K

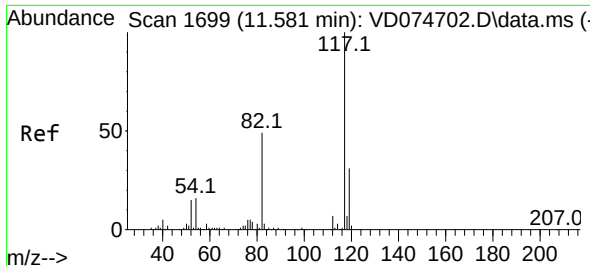
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 254.9 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 53.320 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 95 Resp: 76262
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.0
176 91.8 0.0 182.6

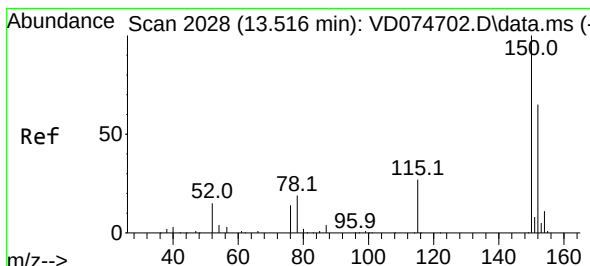
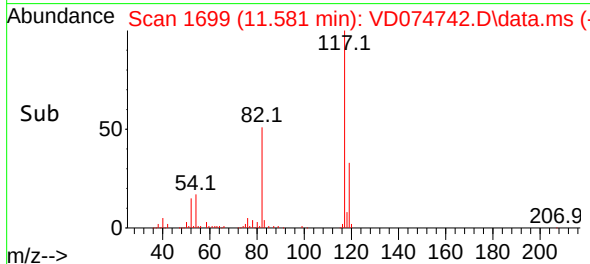
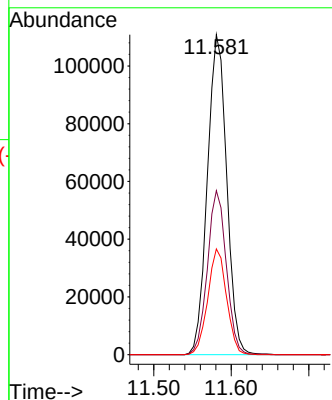
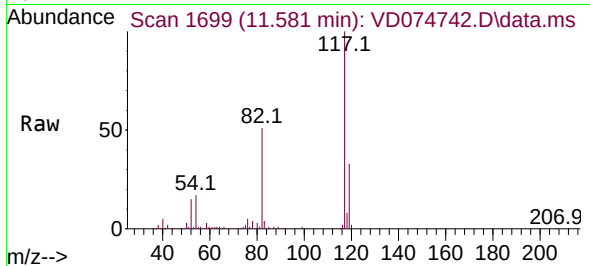




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

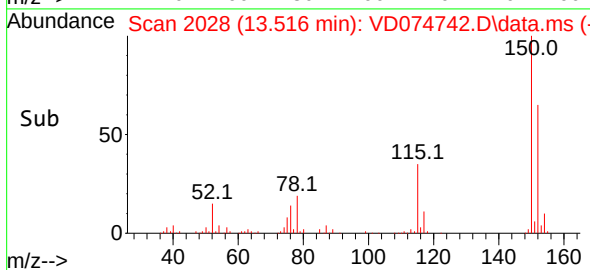
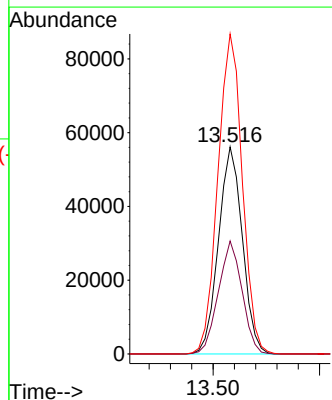
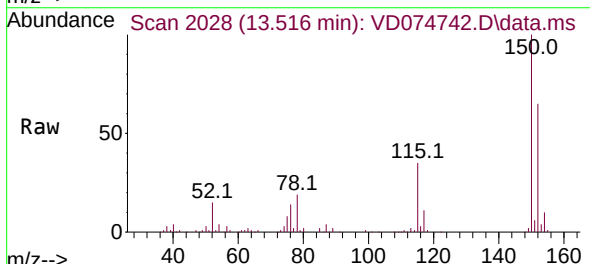
Instrument :
MSVOA_D
ClientSampleId :
TP-K

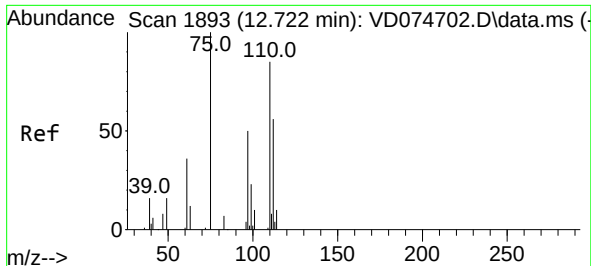
Tgt Ion:117 Resp: 191722
Ion Ratio Lower Upper
117 100
82 51.3 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion:152 Resp: 87340
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 157.7 0.0 348.2

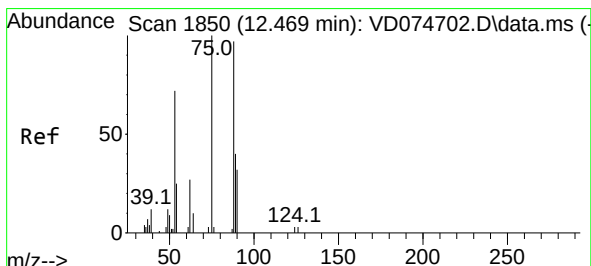
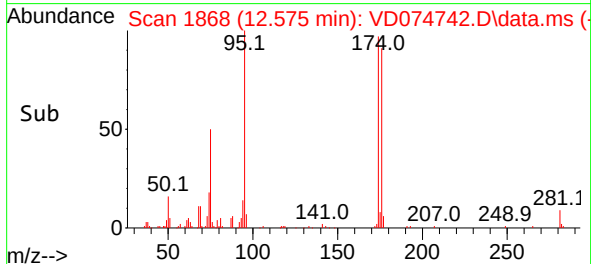
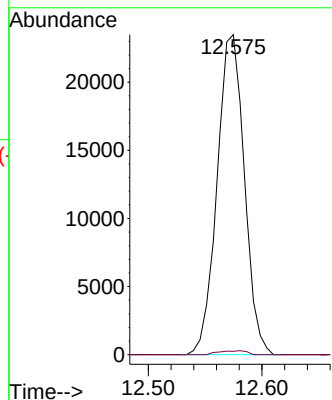
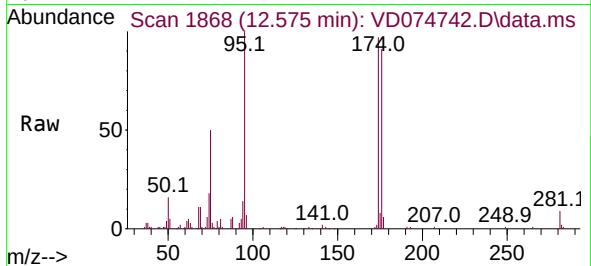




#76
1,2,3-Trichloropropane
Concen: 57.839 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Instrument :
MSVOA_D
ClientSampleId :
TP-K

Tgt Ion: 75 Resp: 39161
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.297 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074742.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 75 Resp: 39161
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

