

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074724.D
 Acq On : 03 Nov 2022 19:19
 Operator : VA/SY
 Sample : N5396-01
 Misc : 5.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A

Quant Time: Nov 04 00:04:00 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)

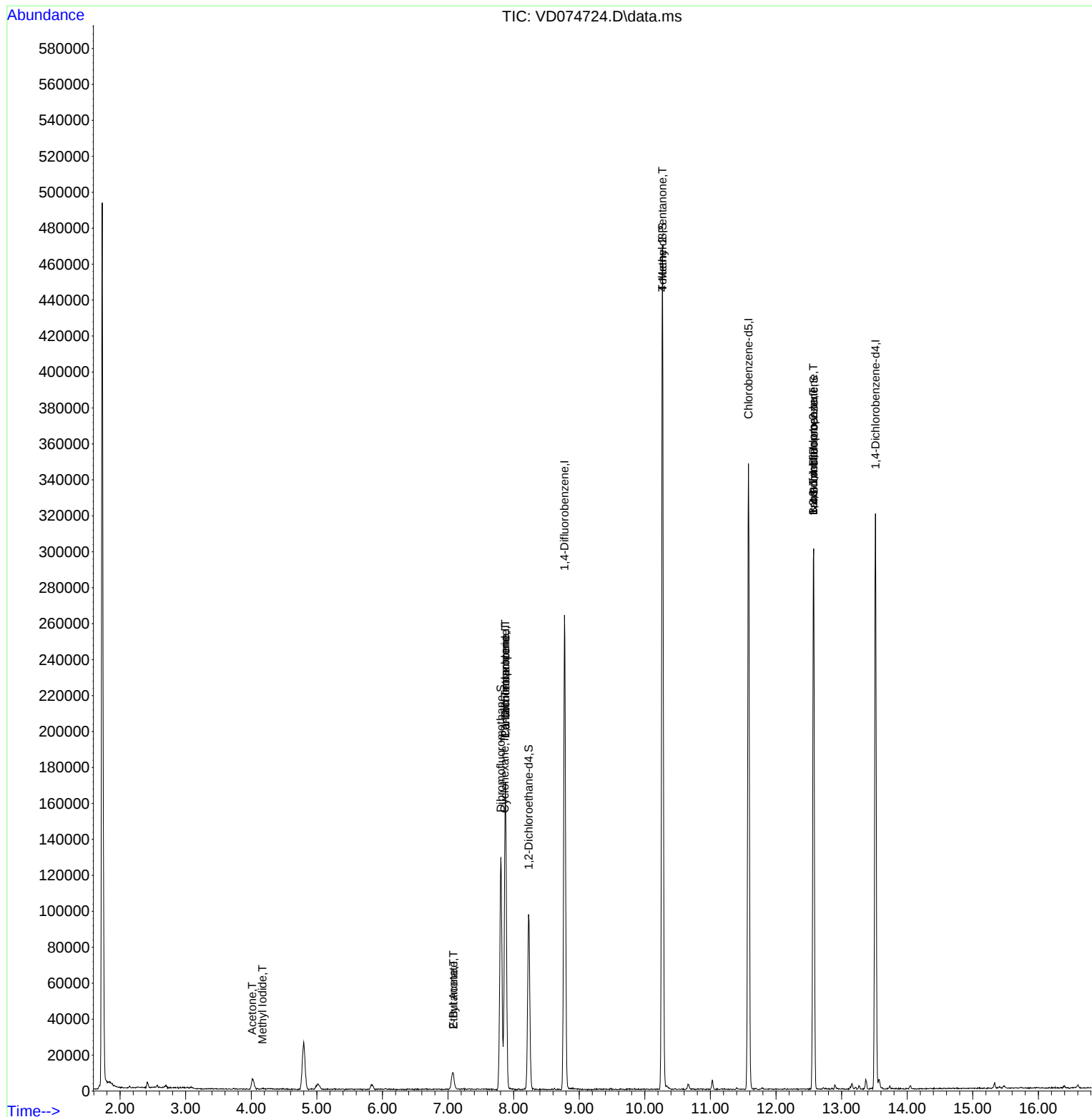
Internal Standards						
1) Pentafluorobenzene	7.875	168	138018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77531	70.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.860%	
35) Dibromofluoromethane	7.805	113	92729	62.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.800%	
50) Toluene-d8	10.269	98	329594	61.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.580%	
62) 4-Bromofluorobenzene	12.575	95	94954	61.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.170	142	491	5.787	ug/l #	43
11) Tert butyl alcohol	5.028	59	2922	Below Cal	#	84
16) Acetone	4.017	43	10280	45.065	ug/l	90
25) 2-Butanone	7.081	43	3539	11.283	ug/l	93
31) Cyclohexane	7.863	56	2580	1.166	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	10035	4.485	ug/l #	46
37) Ethyl Acetate	7.081	43	3539	4.741	ug/l #	79
38) Carbon Tetrachloride	7.875	117	13002	6.133	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1032	1.532	ug/l #	1
71) Bromoform	12.569	173	833	1.040	ug/l #	30
76) 1,2,3-Trichloropropane	12.569	75	46290	64.676	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	46290	153.524	ug/l #	17

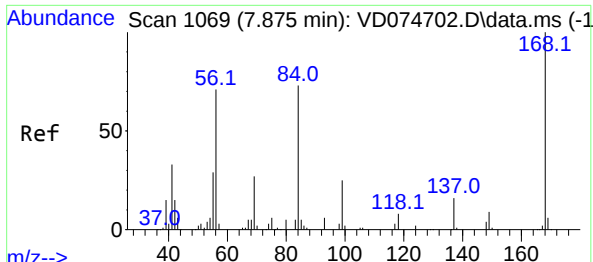
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
Data File : VD074724.D
Acq On : 03 Nov 2022 19:19
Operator : VA/SY
Sample : N5396-01
Misc : 5.18G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-A

Quant Time: Nov 04 00:04:00 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

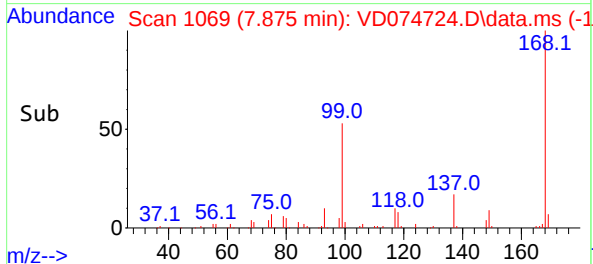
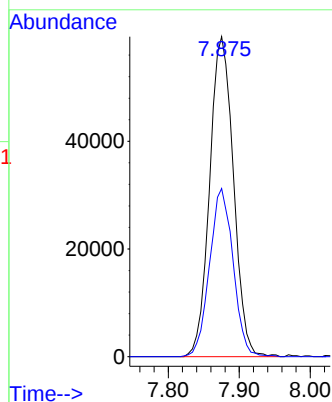
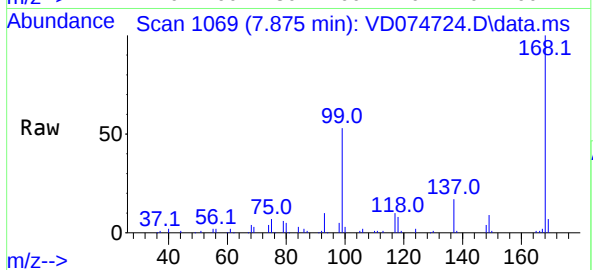




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

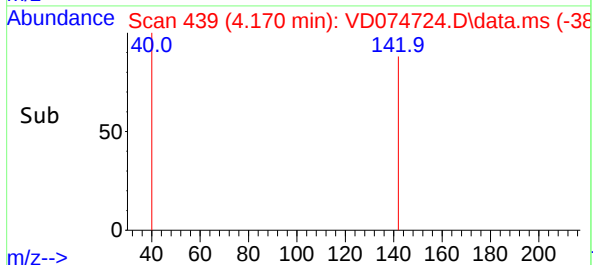
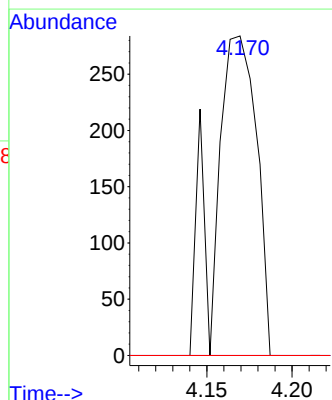
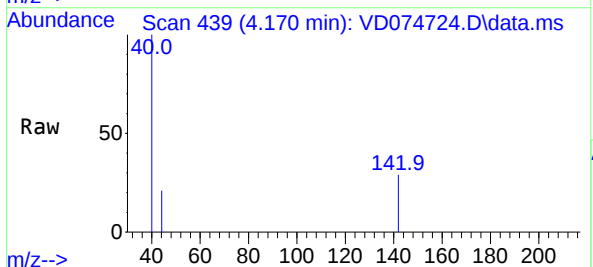
Instrument :
MSVOA_D
ClientSampleId :
TP-A

Tgt Ion:168 Resp: 138018
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.787 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion:142 Resp: 491
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: 5.028 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

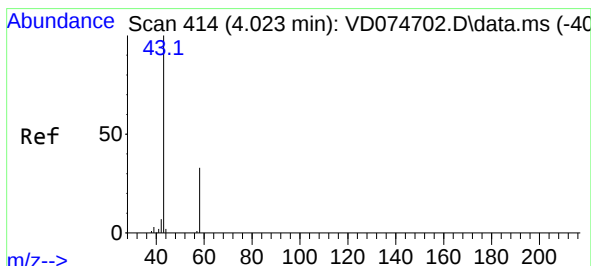
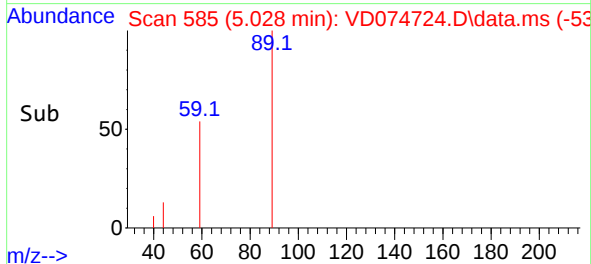
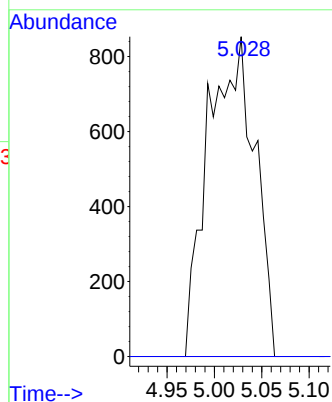
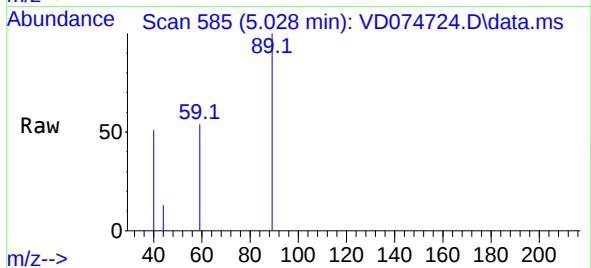
TP-A

Tgt Ion: 59 Resp: 2922

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 45.065 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD074724.D

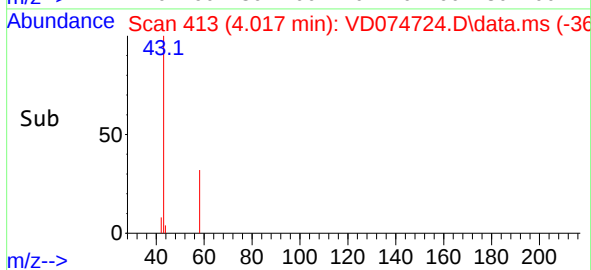
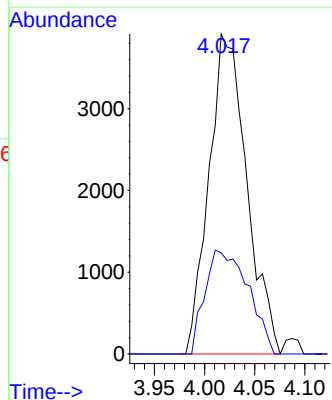
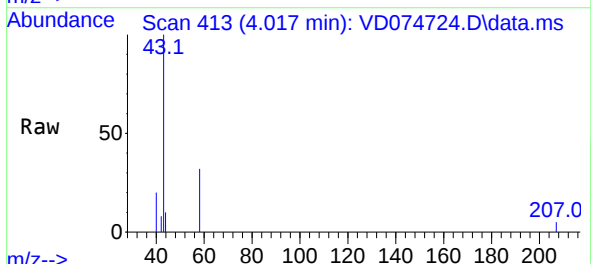
Acq: 03 Nov 2022 19:19

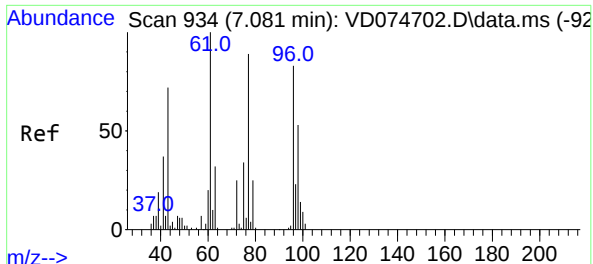
Tgt Ion: 43 Resp: 10280

Ion Ratio Lower Upper

43 100

58 31.6 30.2 45.2

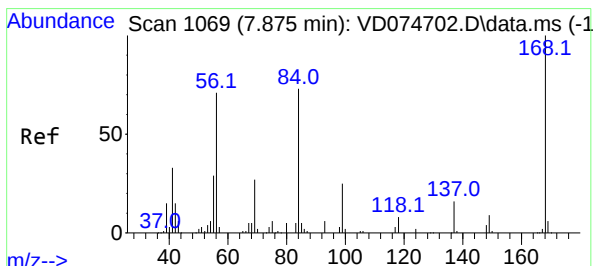
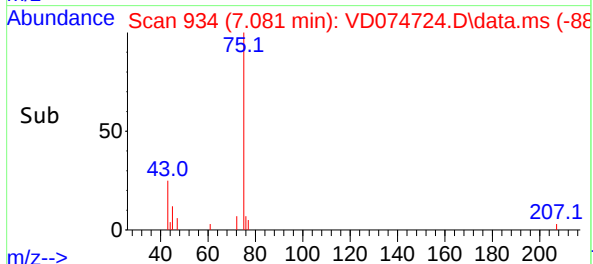
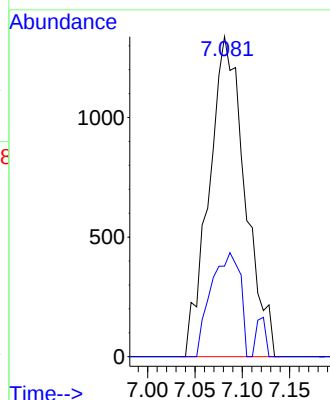
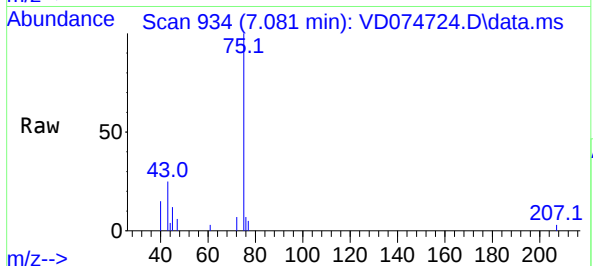




#25
2-Butanone
Concen: 11.283 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

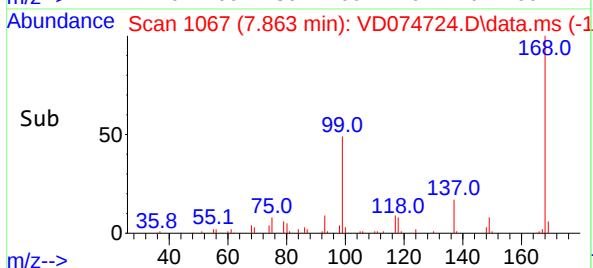
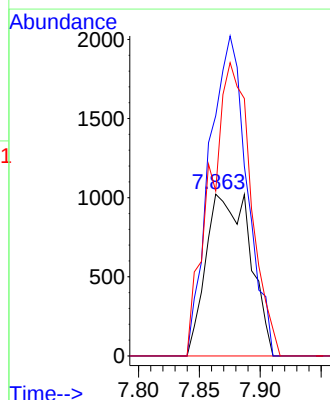
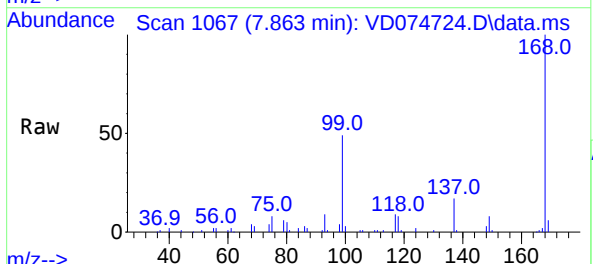
Instrument :
MSVOA_D
ClientSampleId :
TP-A

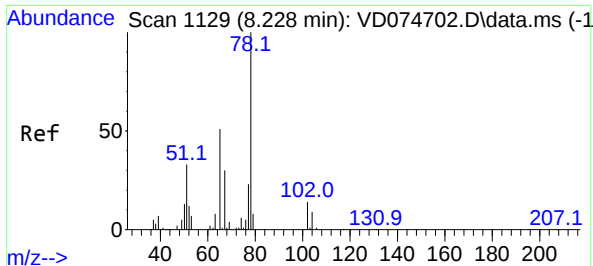
Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
72 28.3 25.8 38.8



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
69 148.4 29.2 43.8#
84 102.0 83.4 125.2





#33

1,2-Dichloroethane-d4

Concen: 70.926 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

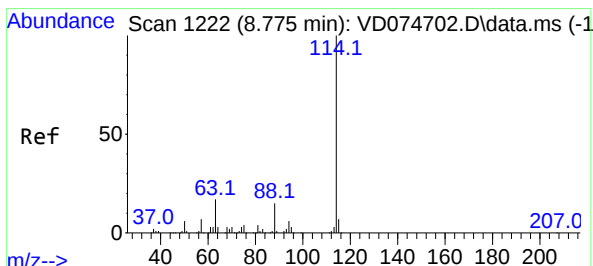
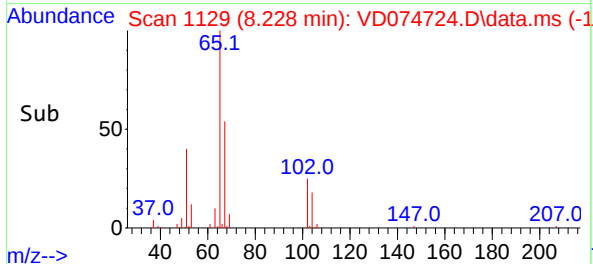
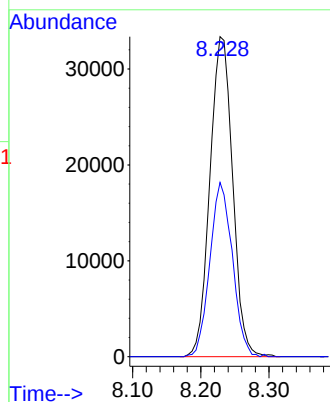
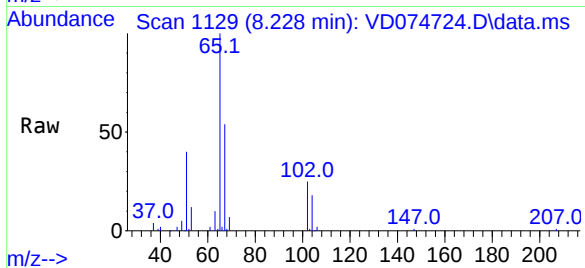
TP-A

Tgt Ion: 65 Resp: 77531

Ion Ratio Lower Upper

65 100

67 54.0 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: VD074724.D

Acq: 03 Nov 2022 19:19

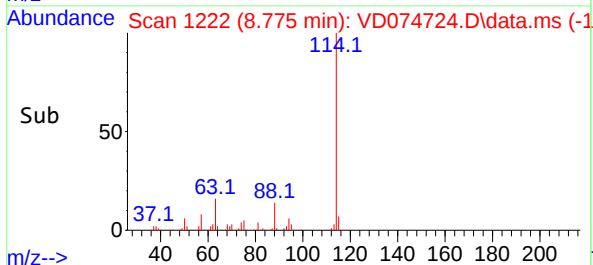
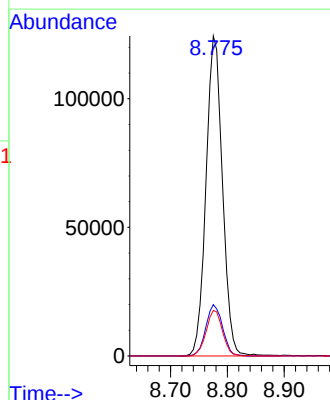
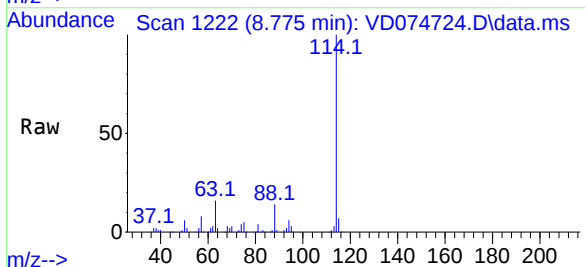
Tgt Ion: 114 Resp: 249214

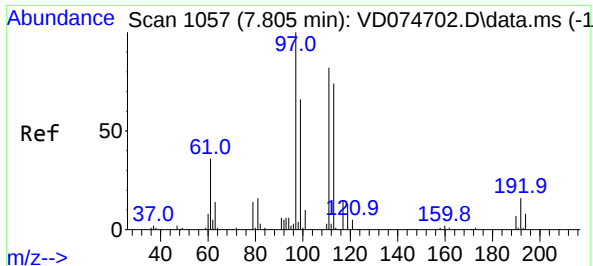
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 14.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 62.901 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

TP-A

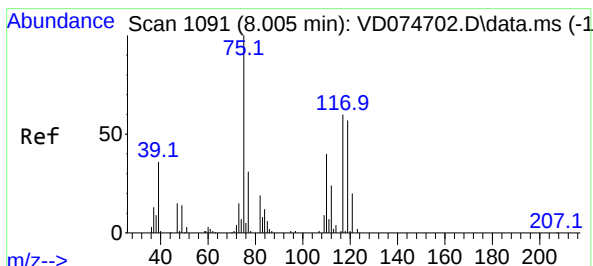
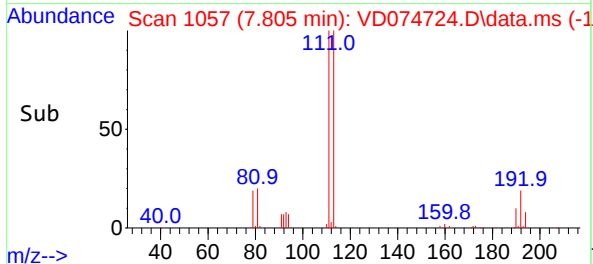
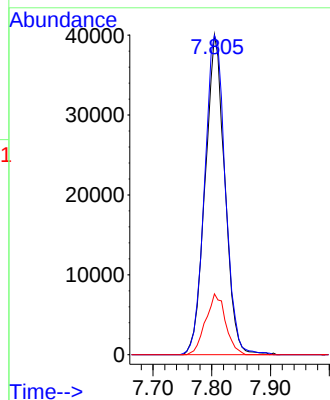
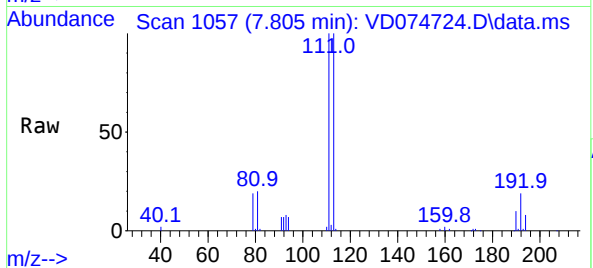
Tgt Ion:113 Resp: 92729

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 19.3 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

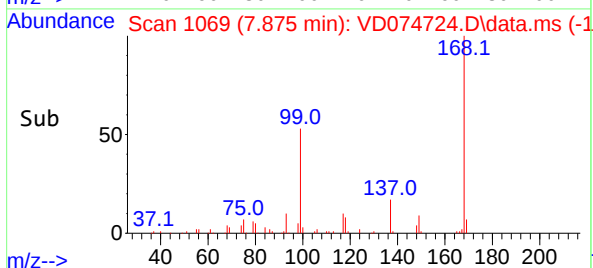
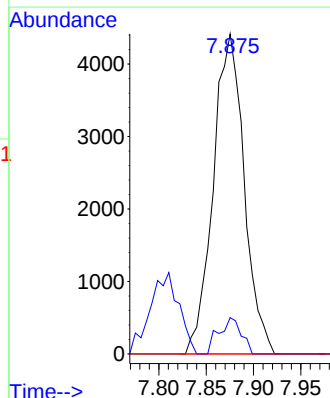
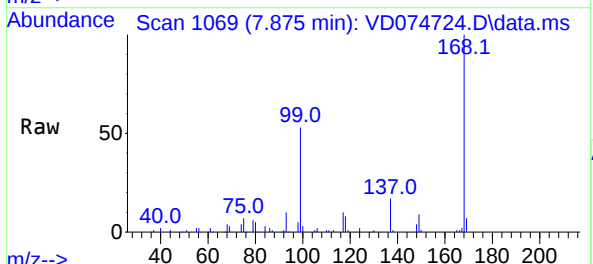
Tgt Ion: 75 Resp: 10035

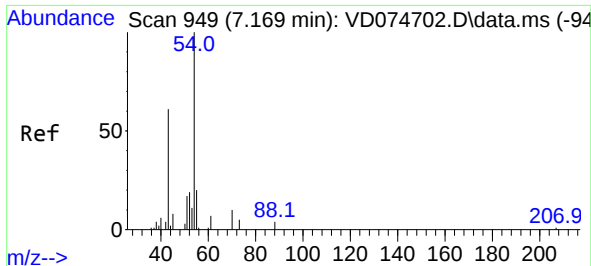
Ion Ratio Lower Upper

75 100

110 8.2 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 4.741 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

TP-A

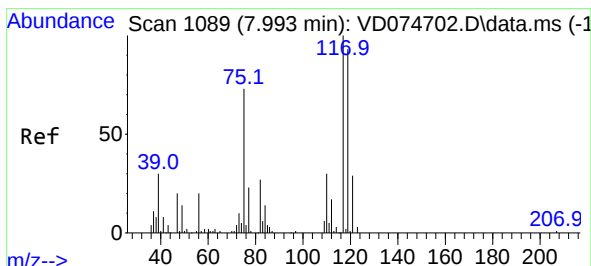
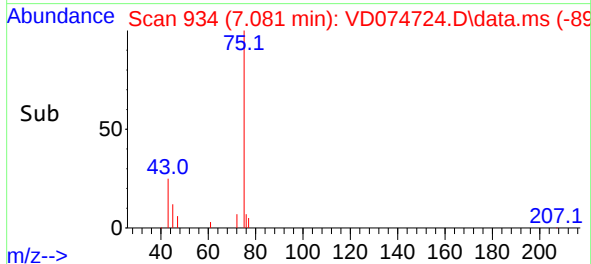
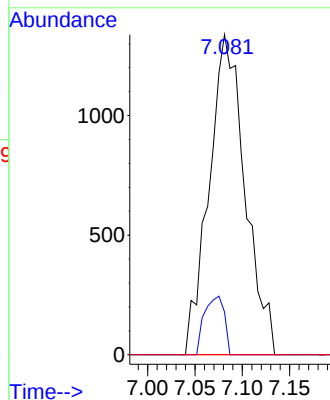
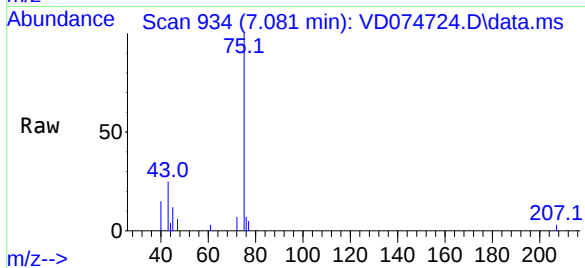
Tgt Ion: 43 Resp: 3539

Ion Ratio Lower Upper

43 100

61 10.1 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

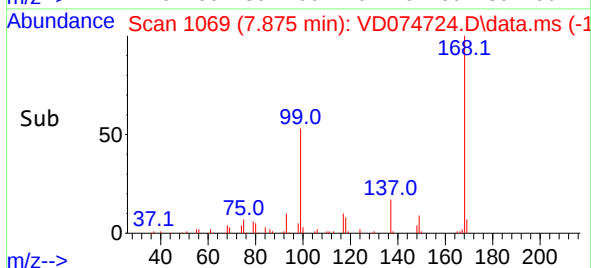
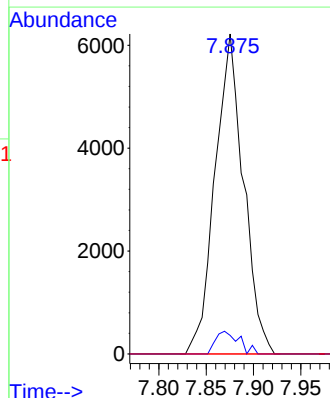
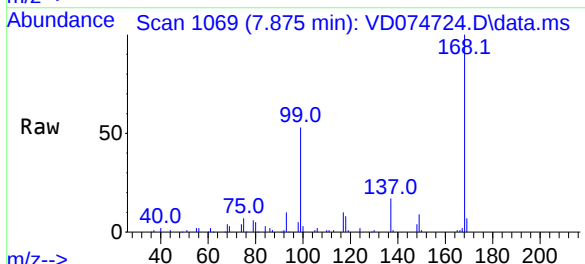
Tgt Ion: 117 Resp: 13002

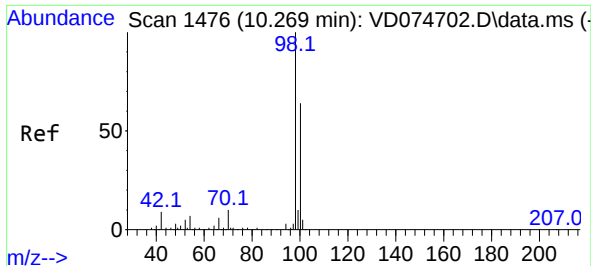
Ion Ratio Lower Upper

117 100

119 5.8 73.1 109.7#

121 0.0 25.0 37.6#

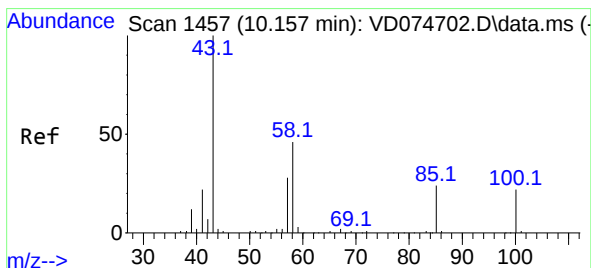
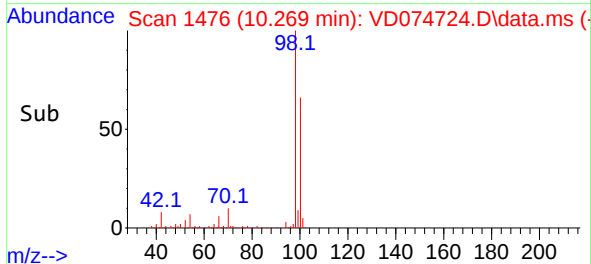
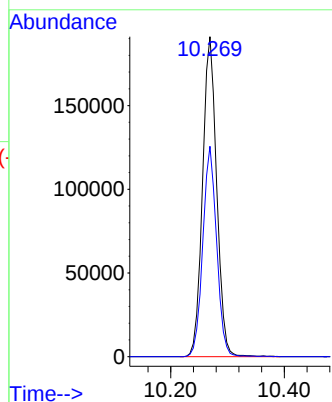
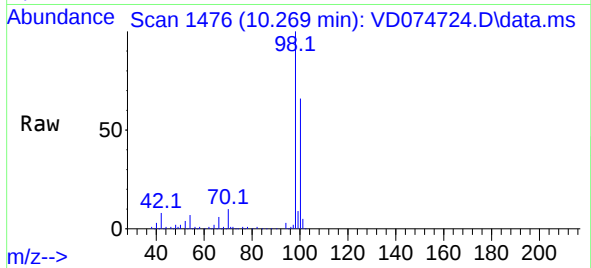




#50
Toluene-d8
Concen: 61.292 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

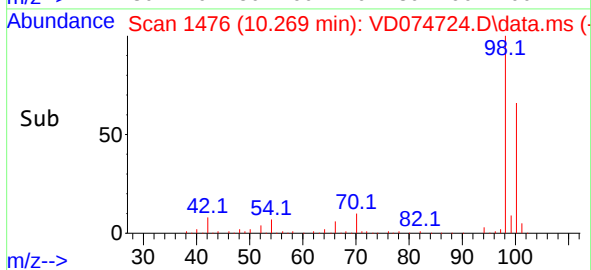
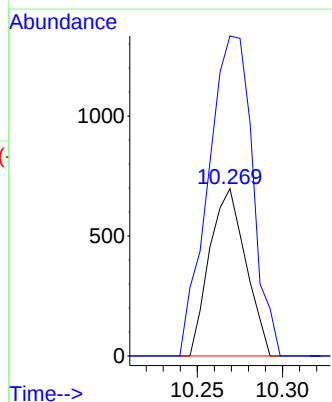
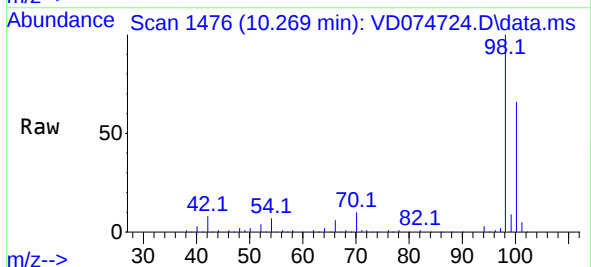
Instrument :
MSVOA_D
ClientSampleId :
TP-A

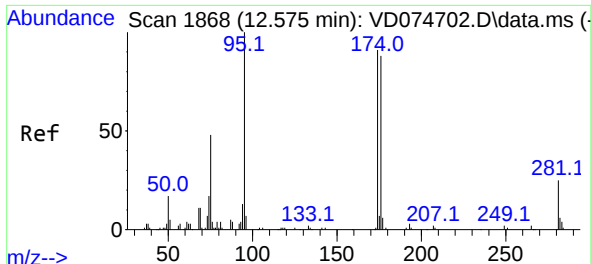
Tgt Ion: 98 Resp: 329594
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.532 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 233.8 37.8 56.6#

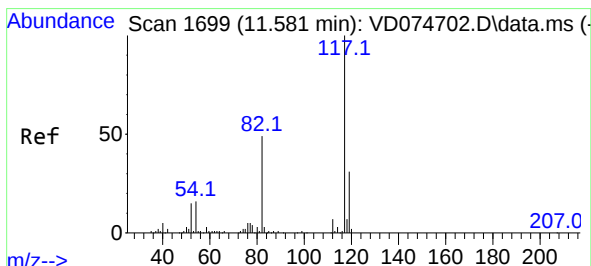
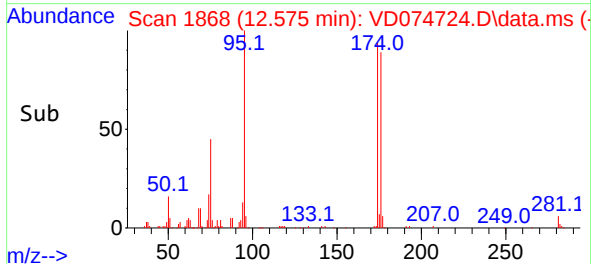
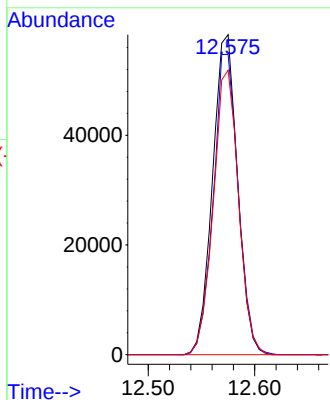
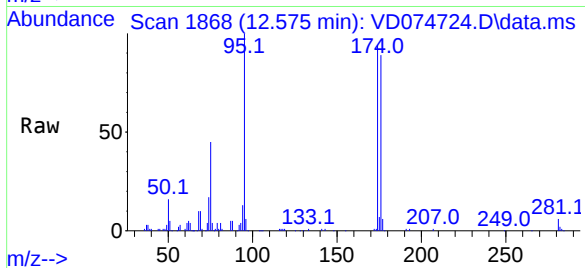




#62
4-Bromofluorobenzene
Concen: 61.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

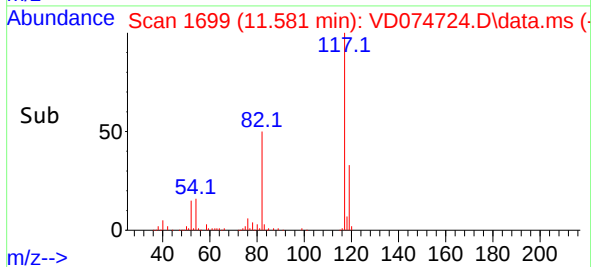
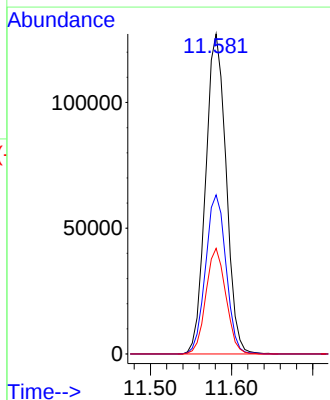
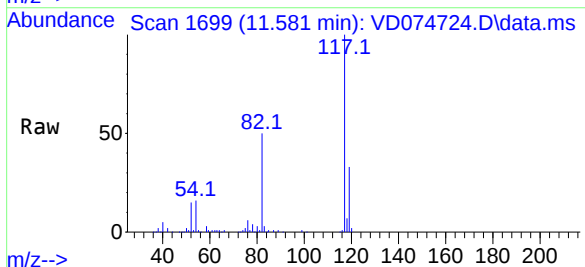
Instrument :
MSVOA_D
ClientSampleId :
TP-A

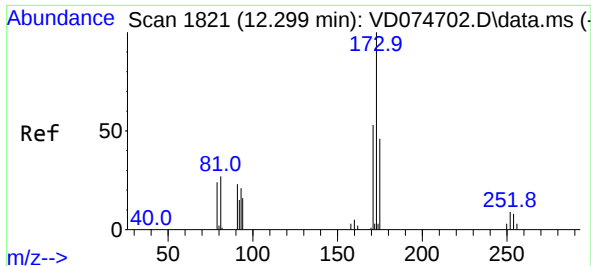
Tgt Ion:	95	Resp:	94954
Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	197.0
176	89.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion:	117	Resp:	222626
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.6	62.4
119	33.0	25.2	37.8

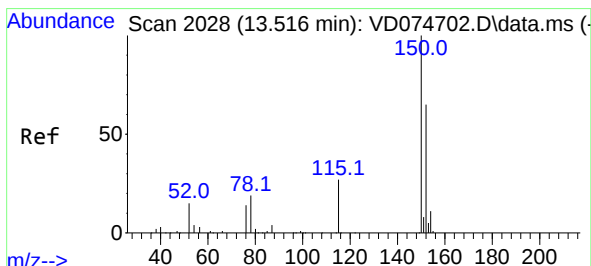
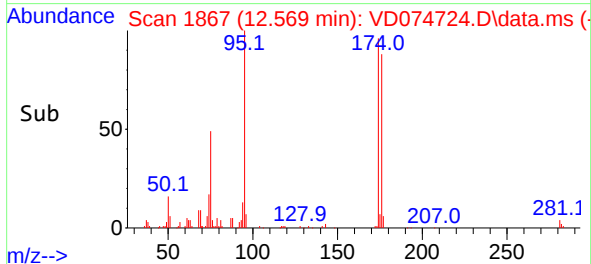
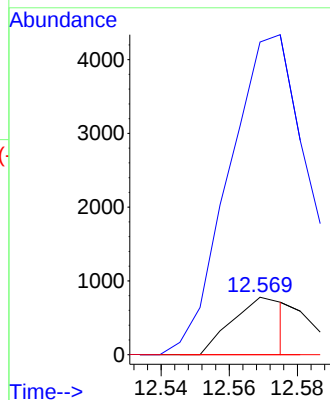
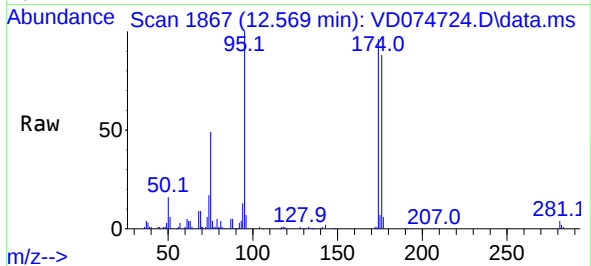




#71
Bromoform
Concen: 1.040 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

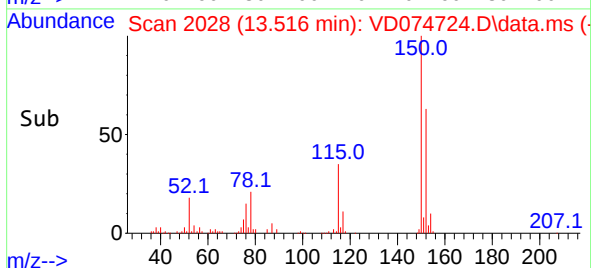
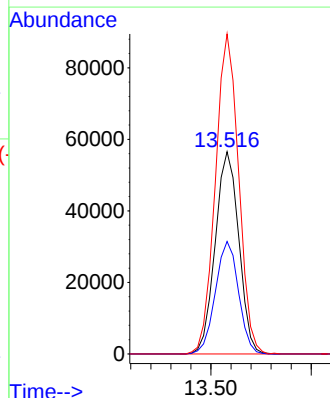
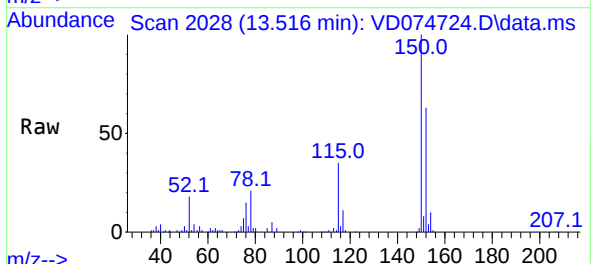
Instrument :
MSVOA_D
ClientSampleId :
TP-A

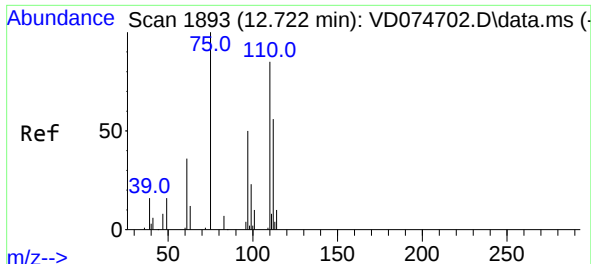
Tgt Ion:173 Resp: 833
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion:152 Resp: 92327
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 155.8 0.0 348.2

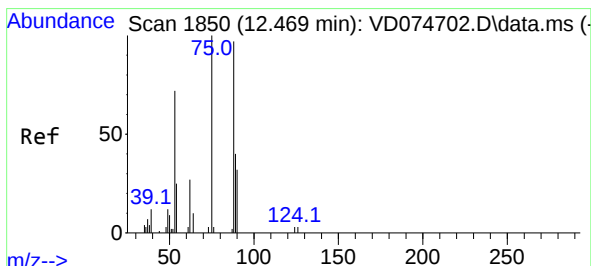
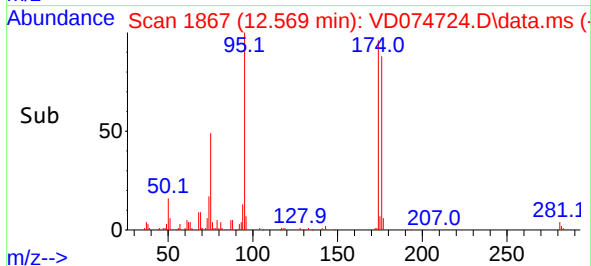
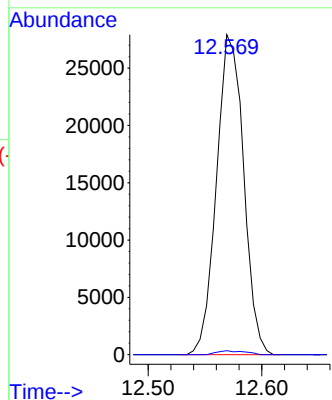
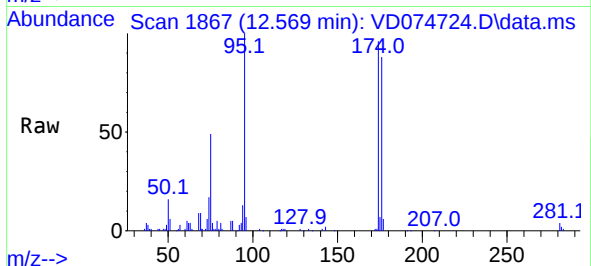




#76
1,2,3-Trichloropropane
Concen: 64.676 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
TP-A

Tgt Ion: 75 Resp: 46290
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.524 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 75 Resp: 46290
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

