

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074718.D
 Acq On : 03 Nov 2022 16:32
 Operator : VA/SY
 Sample : N5396-13
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-I

Quant Time: Nov 04 00:03:03 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)

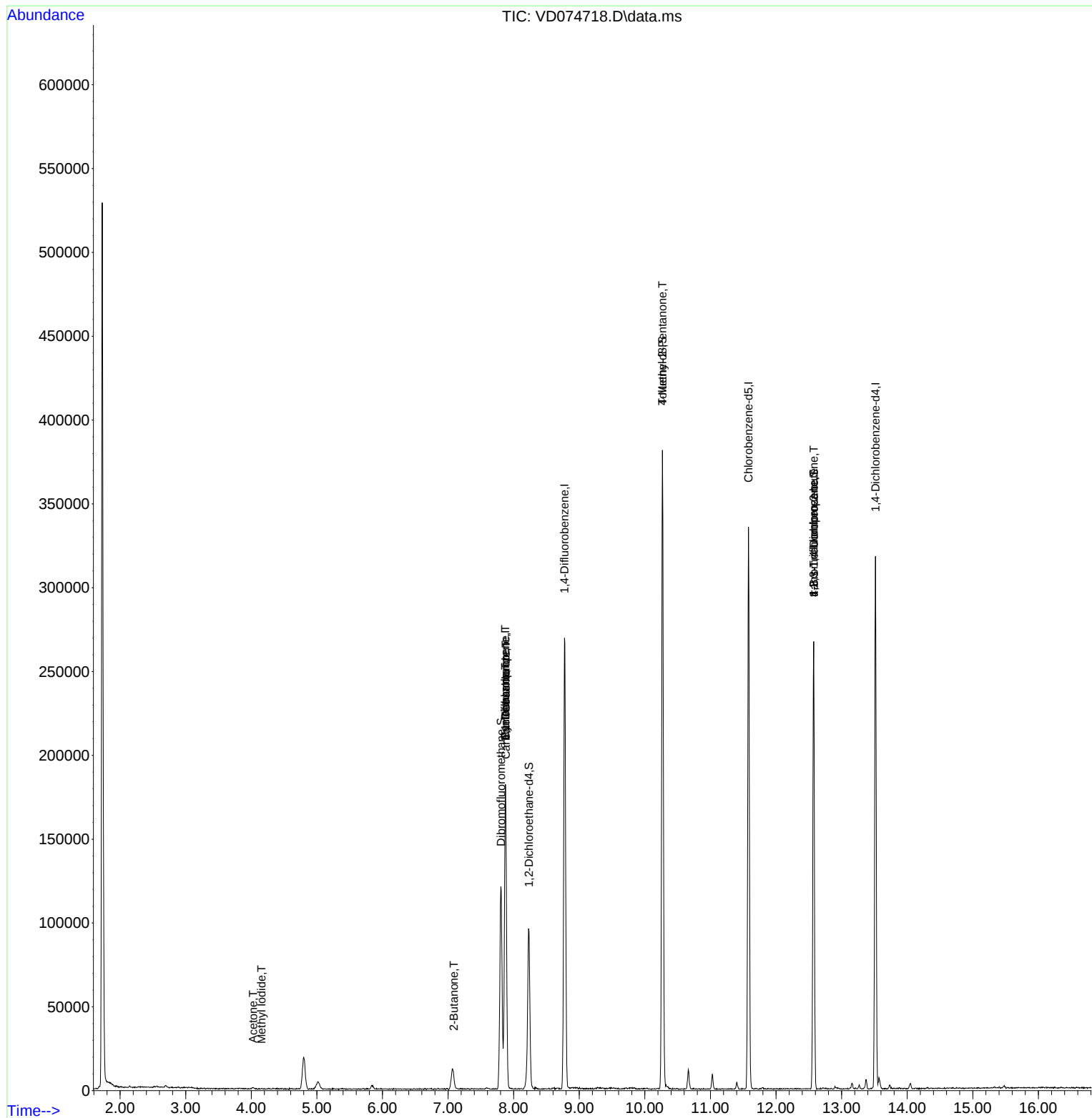
Internal Standards						
1) Pentafluorobenzene	7.875	168	146669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74682	64.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.580%
35) Dibromofluoromethane	7.810	113	89843	58.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.560%
50) Toluene-d8	10.269	98	274786	48.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.575	95	80239	49.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.840%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.158	142	490	5.773	ug/l #	57
11) Tert butyl alcohol	5.016	59	4796	Below Cal	#	84
16) Acetone	4.028	43	1270	5.239	ug/l #	75
20) Methylene Chloride	4.793	84	16363	Below Cal		95
25) 2-Butanone	7.087	43	469	1.407	ug/l #	42
31) Cyclohexane	7.875	56	2590	1.101	ug/l #	3
36) 1,1-Dichloropropene	7.875	75	10868	4.645	ug/l #	46
38) Carbon Tetrachloride	7.881	117	13875	6.259	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	883	1.254	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40425	59.265	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	40425	140.681	ug/l #	17

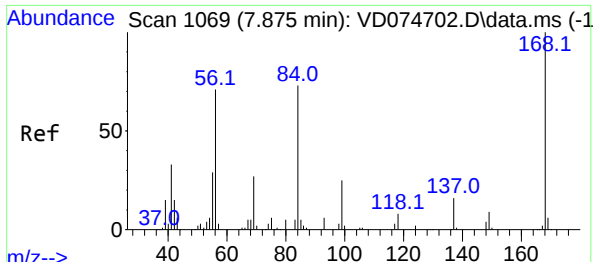
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
Data File : VD074718.D
Acq On : 03 Nov 2022 16:32
Operator : VA/SY
Sample : N5396-13
Misc : 5.24G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-I

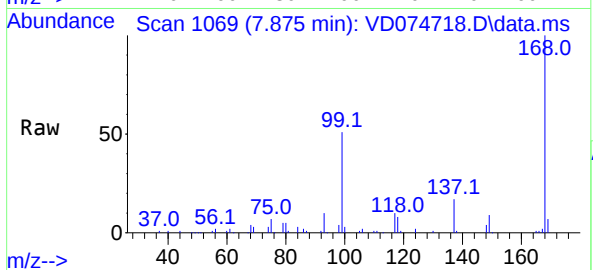
Quant Time: Nov 04 00:03:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



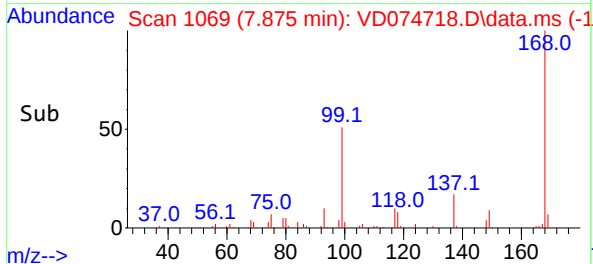
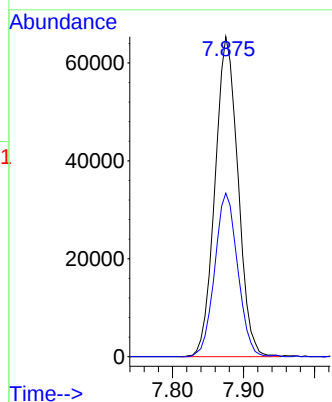


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
TP-I

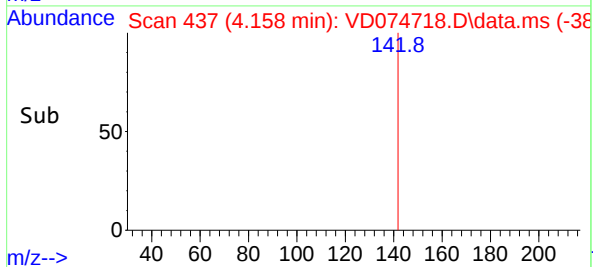
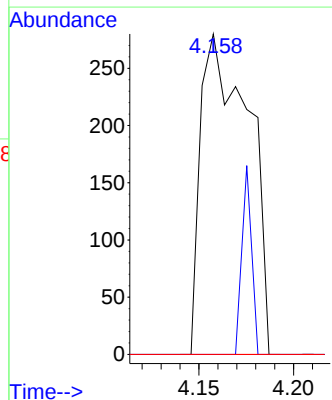
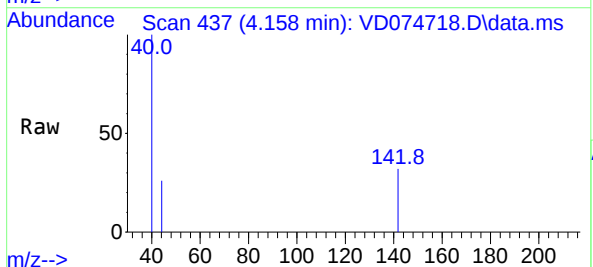


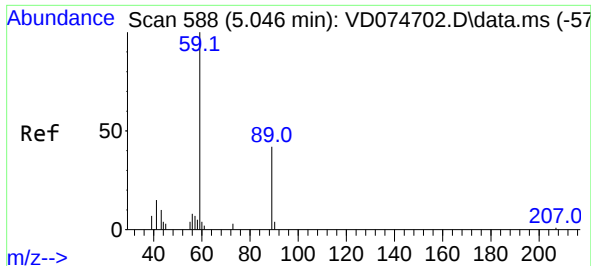
Tgt Ion:168 Resp: 146669
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.773 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion:142 Resp: 490
Ion Ratio Lower Upper
142 100
127 11.8 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.016 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

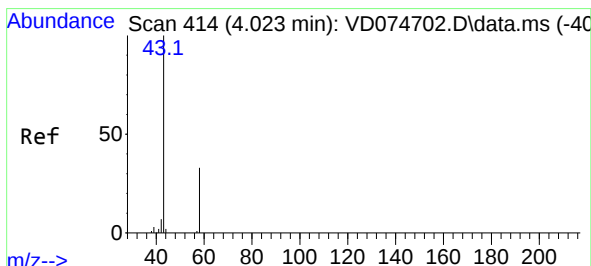
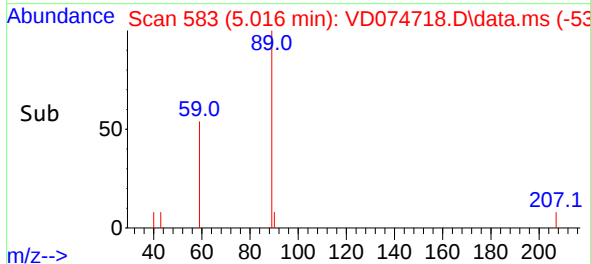
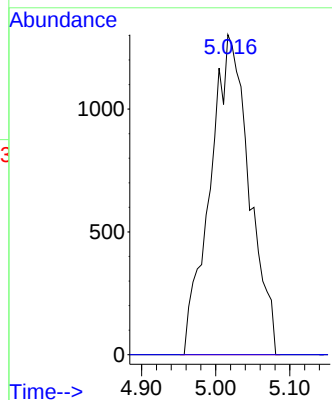
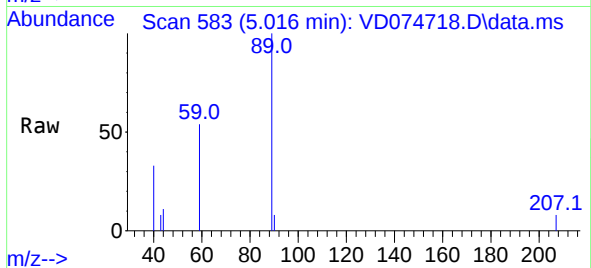
TP-I

Tgt Ion: 59 Resp: 4796

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 5.239 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074718.D

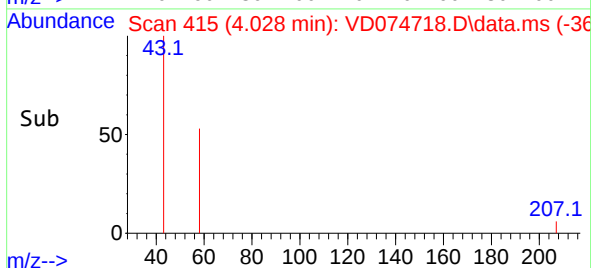
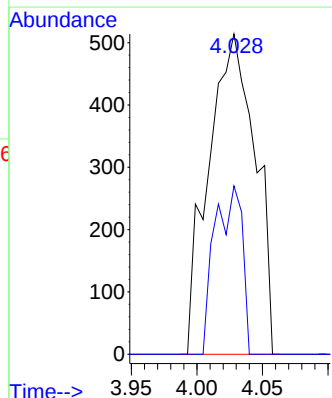
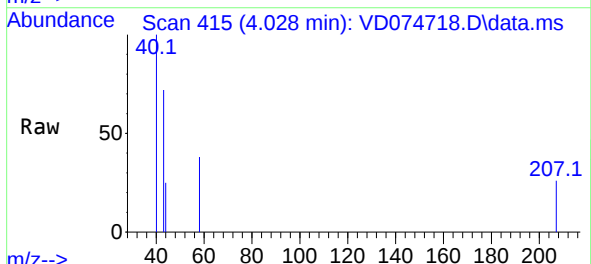
Acq: 03 Nov 2022 16:32

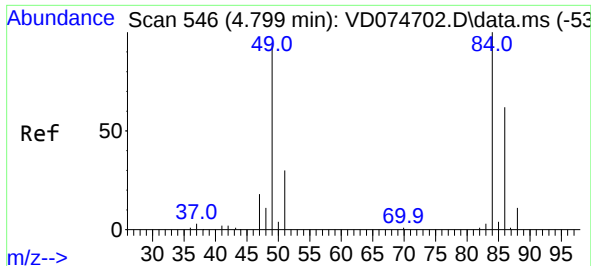
Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

58 52.5 30.2 45.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

TP-I

Tgt Ion: 84 Resp: 16363

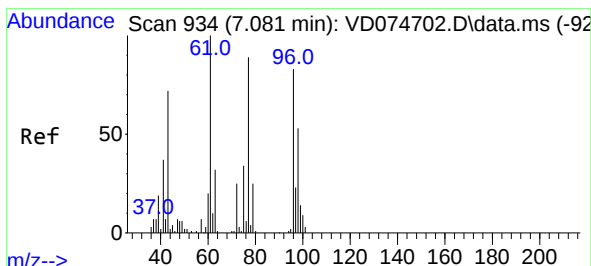
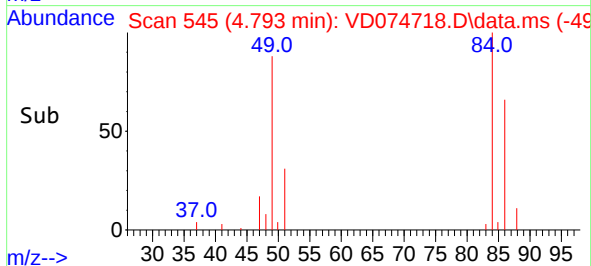
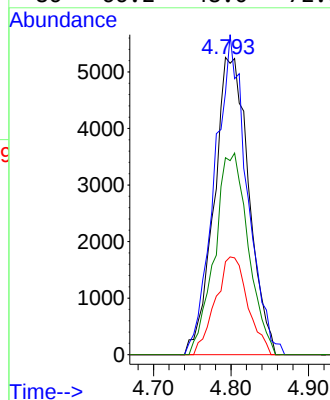
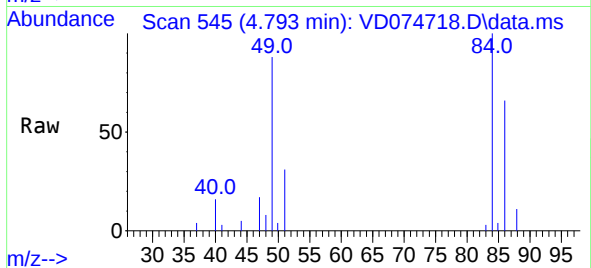
Ion Ratio Lower Upper

84 100

49 88.2 68.0 102.0

51 31.3 23.2 34.8

86 66.2 48.0 72.0



#25

2-Butanone

Concen: 1.407 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD074718.D

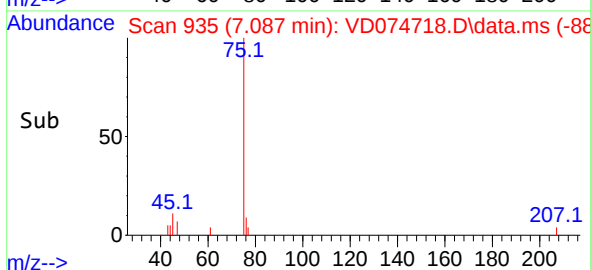
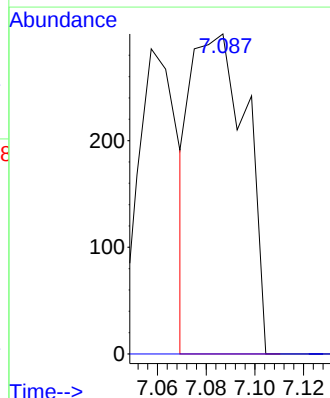
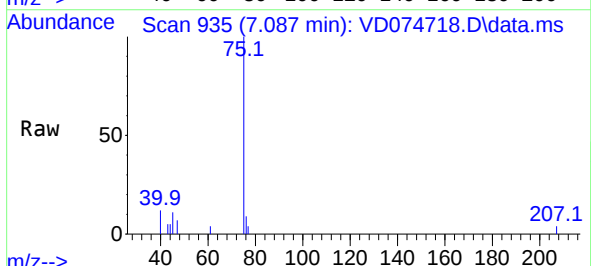
Acq: 03 Nov 2022 16:32

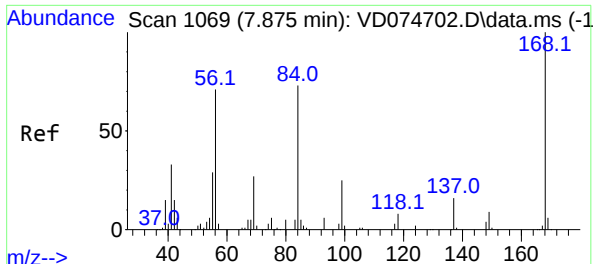
Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

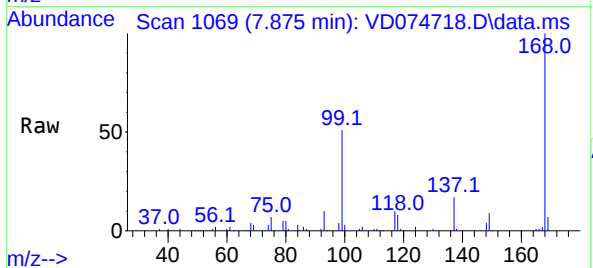
72 0.0 25.8 38.8#



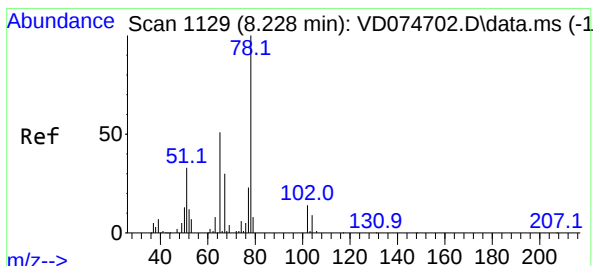
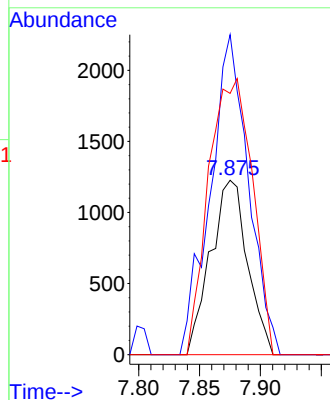
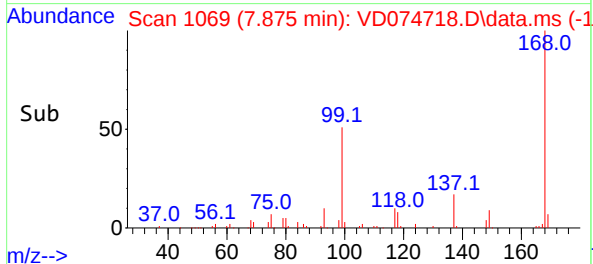


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

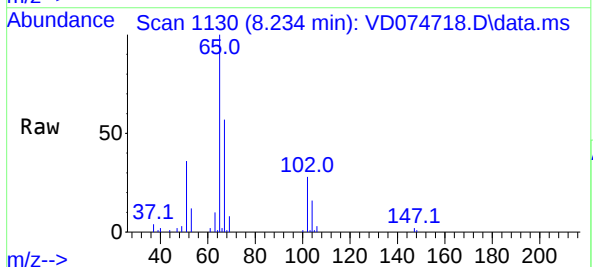
Instrument :
MSVOA_D
ClientSampleId :
TP-I



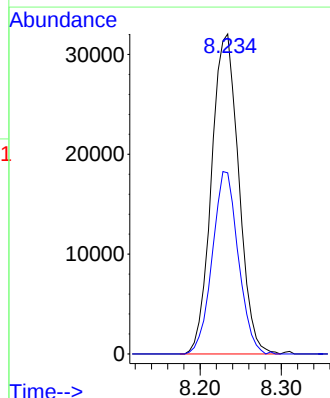
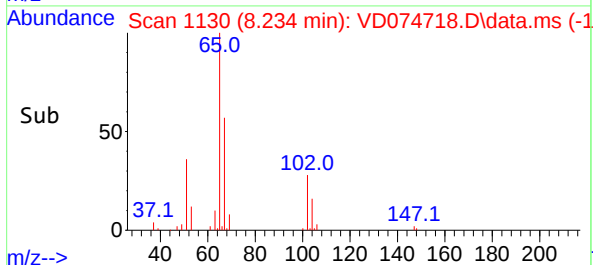
Tgt Ion: 56 Resp: 2590
Ion Ratio Lower Upper
56 100
69 183.5 29.2 43.8#
84 149.8 83.4 125.2#

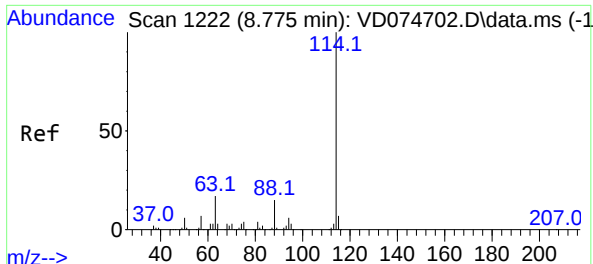


#33
1,2-Dichloroethane-d4
Concen: 64.290 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32



Tgt Ion: 65 Resp: 74682
Ion Ratio Lower Upper
65 100
67 54.3 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: VD074718.D

Acq: 03 Nov 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

TP-I

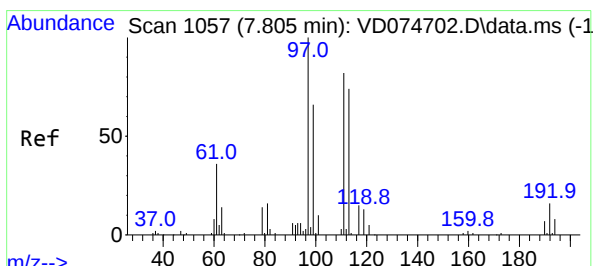
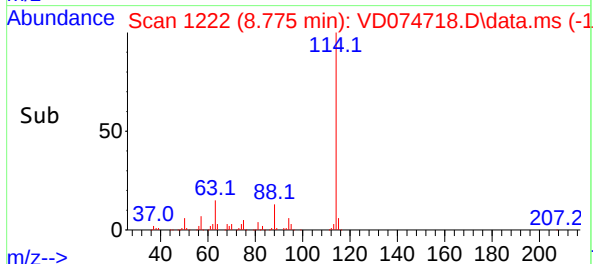
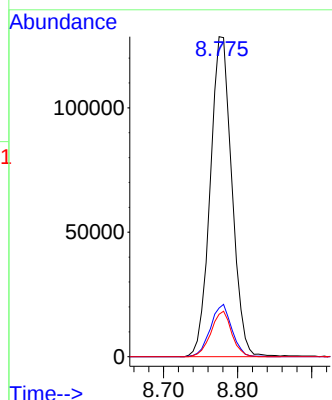
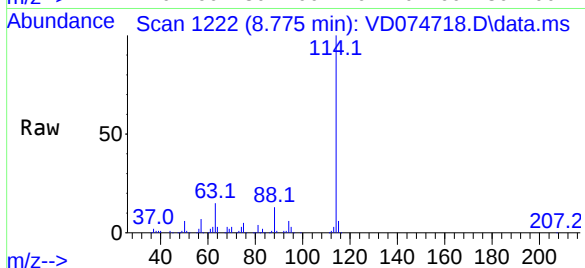
Tgt Ion:114 Resp: 260604

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.280 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

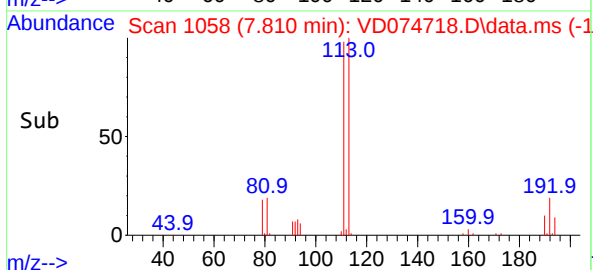
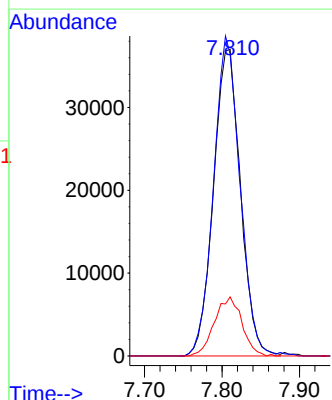
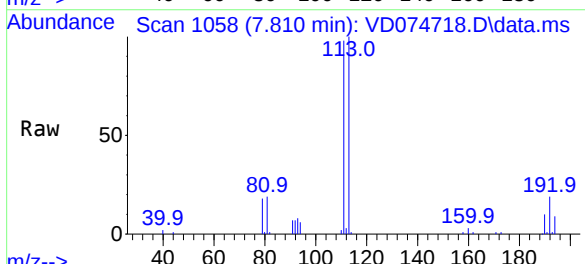
Tgt Ion:113 Resp: 89843

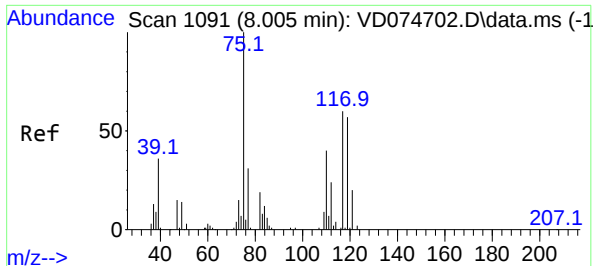
Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 19.5 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.875 min Scan# 10868

Delta R.T. -0.130 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

TP-I

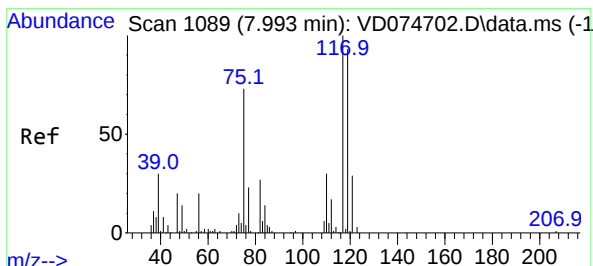
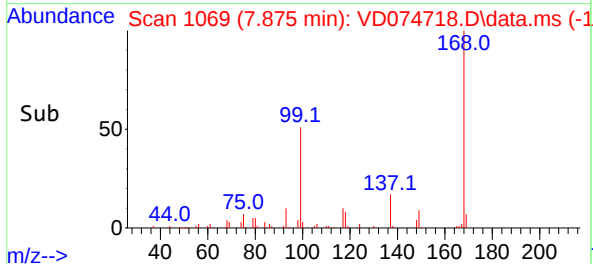
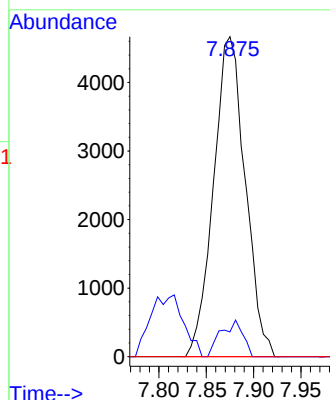
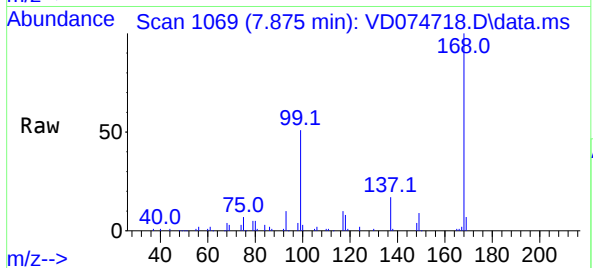
Tgt Ion: 75 Resp: 10868

Ion Ratio Lower Upper

75 100

110 7.9 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.259 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

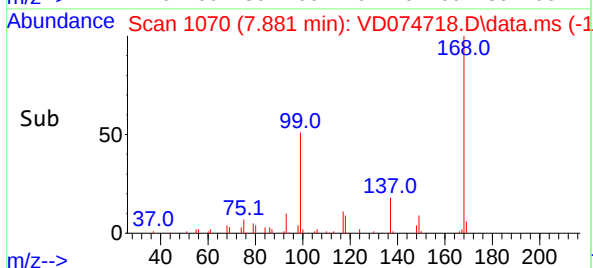
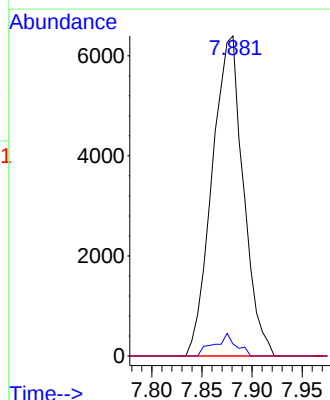
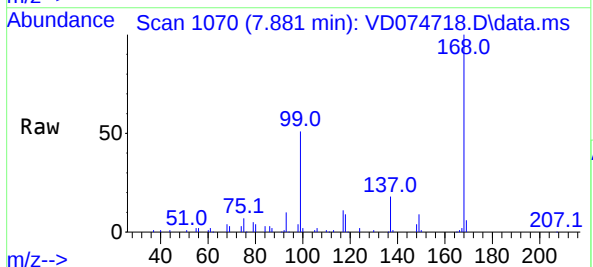
Tgt Ion: 117 Resp: 13875

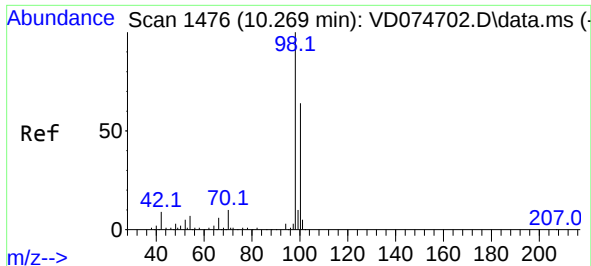
Ion Ratio Lower Upper

117 100

119 3.7 73.1 109.7#

121 0.0 25.0 37.6#

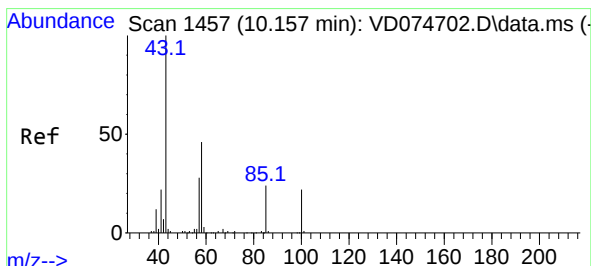
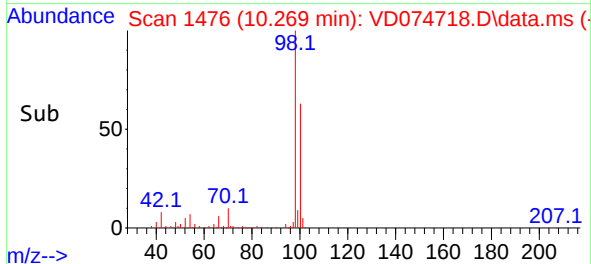
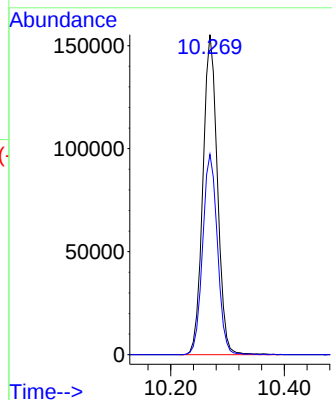
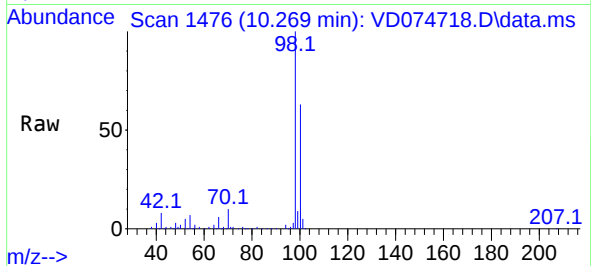




#50
Toluene-d8
Concen: 48.866 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

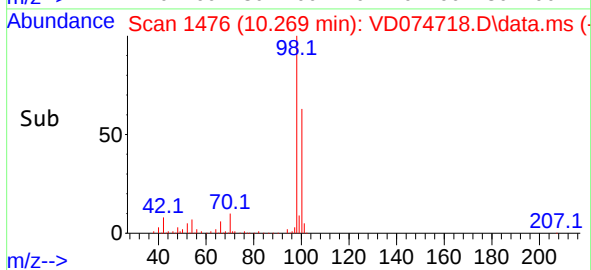
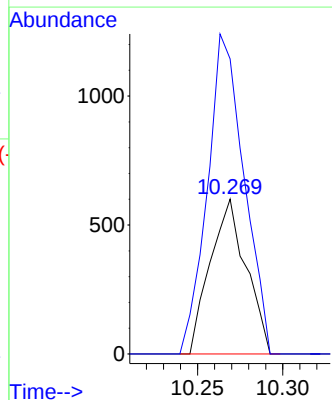
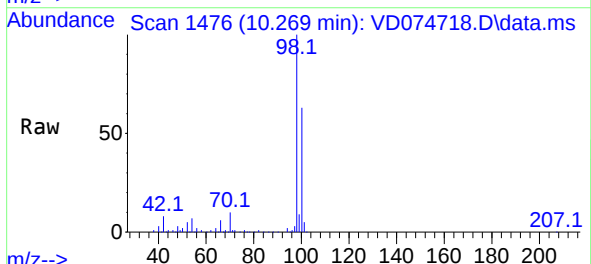
Instrument :
MSVOA_D
ClientSampleId :
TP-I

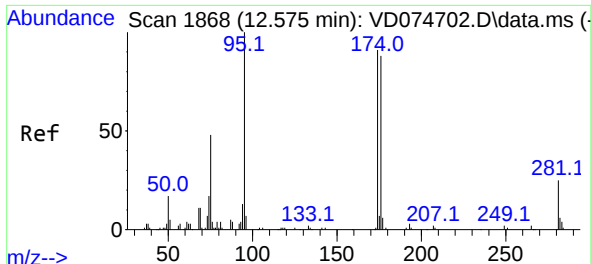
Tgt Ion: 98 Resp: 274786
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.254 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 210.2 37.8 56.6#

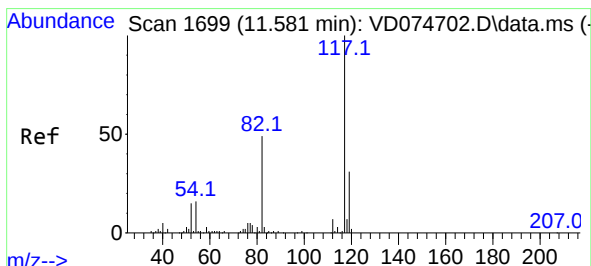
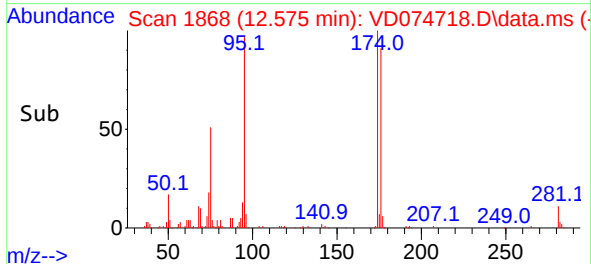
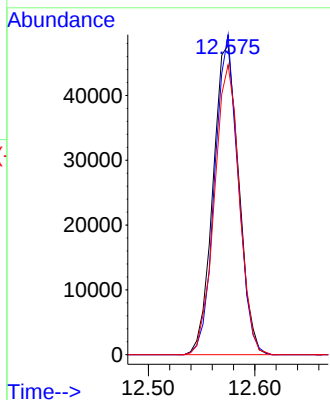
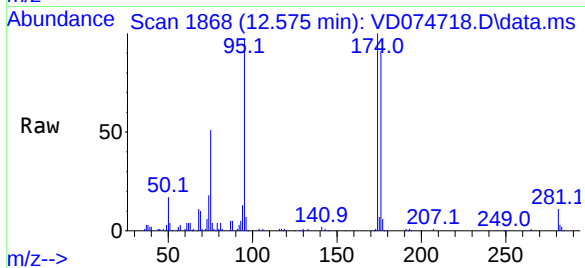




#62
4-Bromofluorobenzene
Concen: 49.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

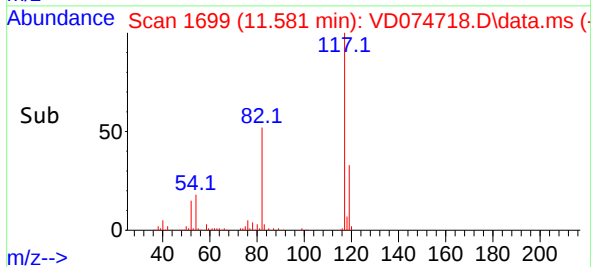
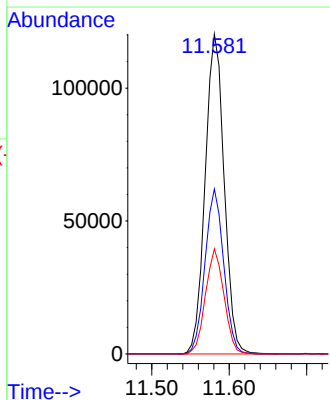
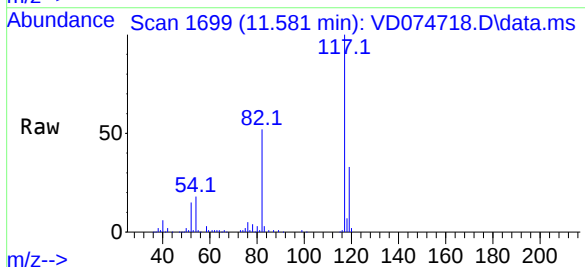
Instrument :
MSVOA_D
ClientSampleId :
TP-I

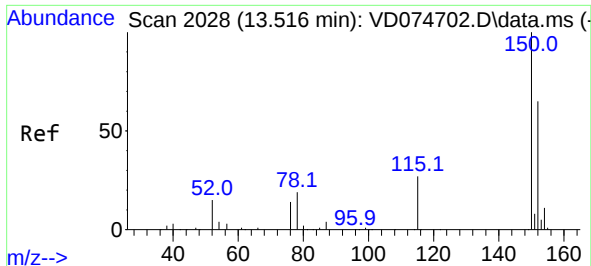
Tgt Ion: 95 Resp: 80239
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.0
176 90.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion: 117 Resp: 205142
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 32.8 25.2 37.8

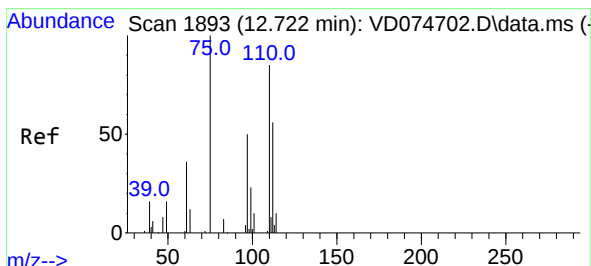
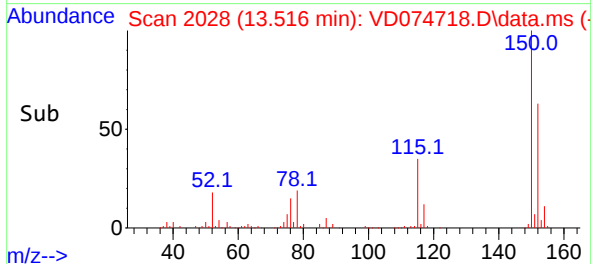
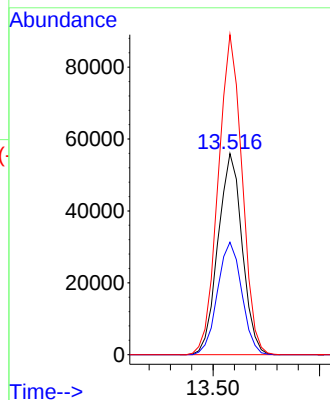
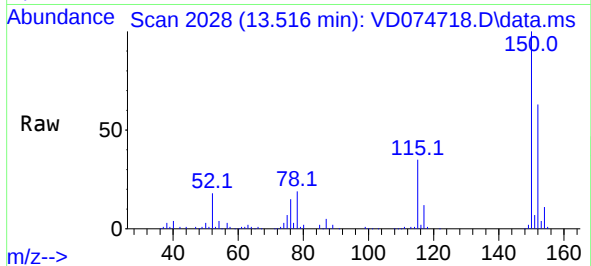




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074718.D
 Acq: 03 Nov 2022 16:32

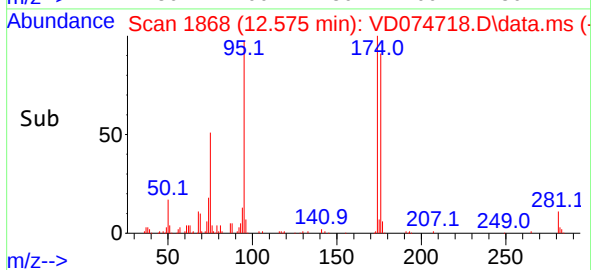
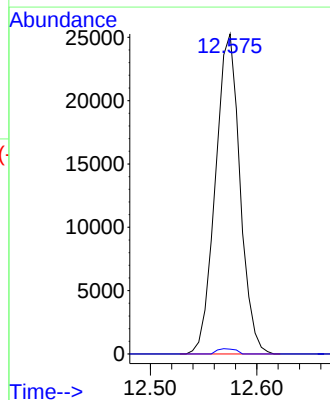
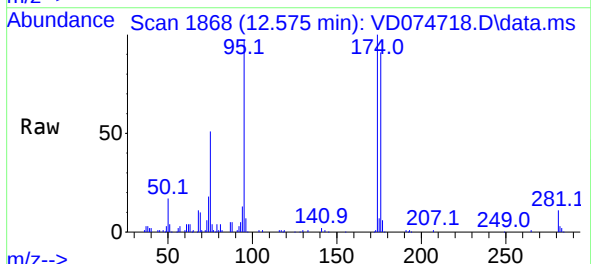
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-I

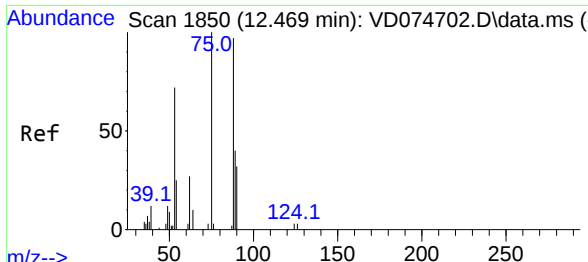
Tgt Ion:152 Resp: 87990
 Ion Ratio Lower Upper
 152 100
 115 56.2 26.8 80.4
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 59.265 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074718.D
 Acq: 03 Nov 2022 16:32

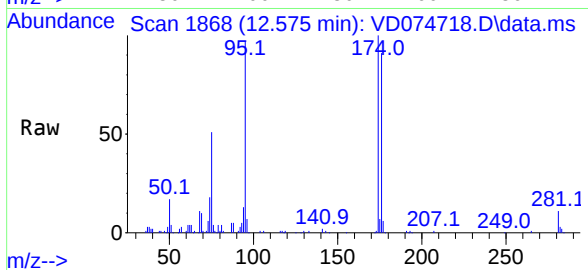
Tgt Ion: 75 Resp: 40425
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.681 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074718.D
 Acq: 03 Nov 2022 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-I



Tgt Ion:	75	Resp:	40425
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

