

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076761.D
 Acq On : 17 Jul 2023 18:20
 Operator : KP/SY
 Sample : 03638-31
 Misc : 5.68G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7

Quant Time: Jul 18 01:24:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

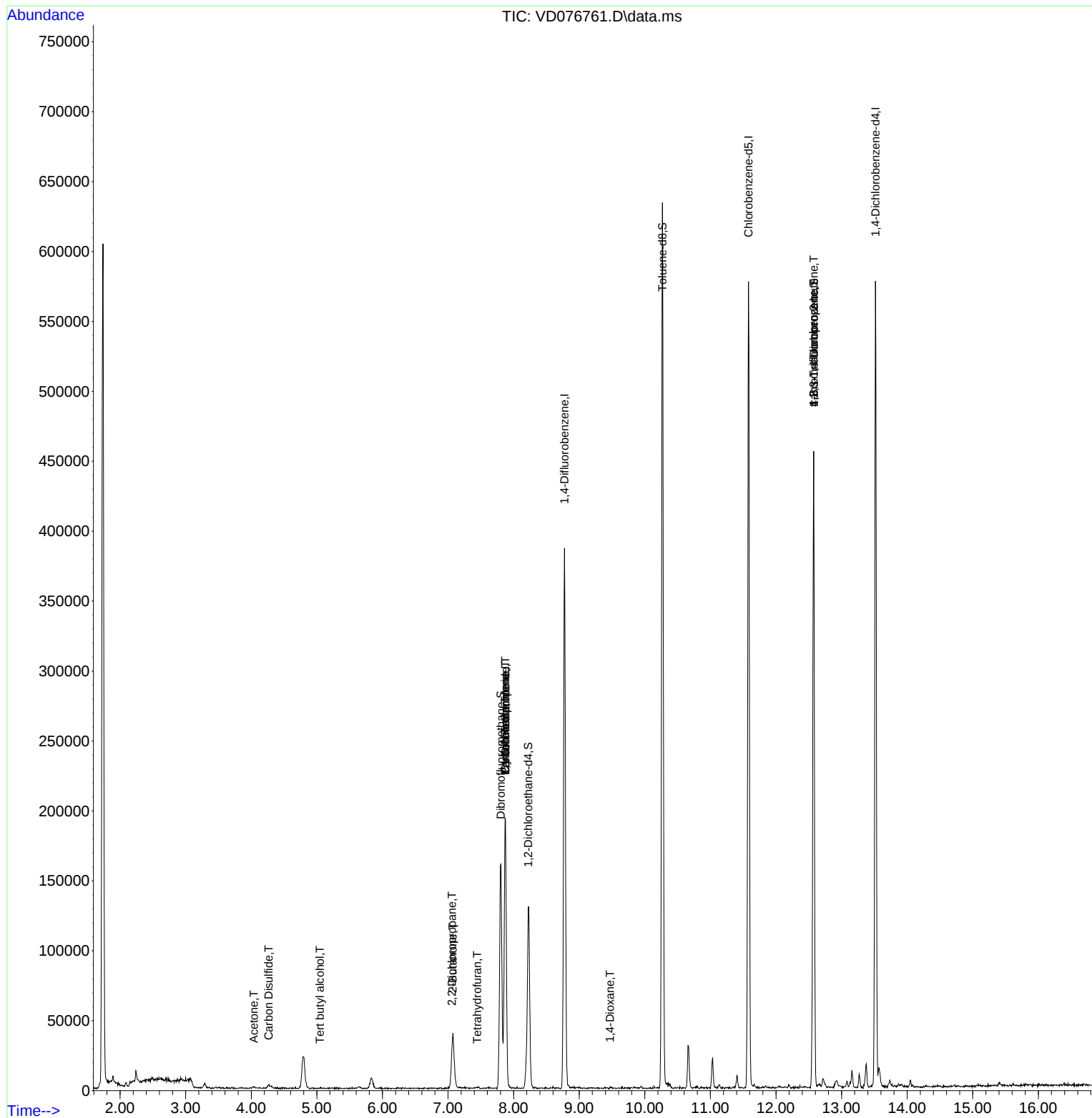
Internal Standards						
1) Pentafluorobenzene	7.875	168	148874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	96474	65.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.120%	
35) Dibromofluoromethane	7.805	113	118876	53.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.269	98	447482	56.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.120%	
62) 4-Bromofluorobenzene	12.575	95	136265	53.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	137	1.238	ug/l #	73
16) Acetone	4.040	43	2351	6.639	ug/l #	81
17) Carbon Disulfide	4.264	76	4557	1.326	ug/l	99
20) Methylene Chloride	4.793	84	19381	Below Cal	#	81
25) 2-Butanone	7.069	43	2939	6.201	ug/l #	37
26) 2,2-Dichloropropane	7.058	77	2713	1.020	ug/l #	49
29) Tetrahydrofuran	7.446	42	421	1.503	ug/l #	37
31) Cyclohexane	7.869	56	3318	1.520	ug/l #	56
36) 1,1-Dichloropropene	7.875	75	12953	4.482	ug/l #	43
38) Carbon Tetrachloride	7.875	117	15558	5.622	ug/l #	18
49) 1,4-Dioxane	9.469	88	59	3.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	69544	47.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69544	101.297	ug/l #	17

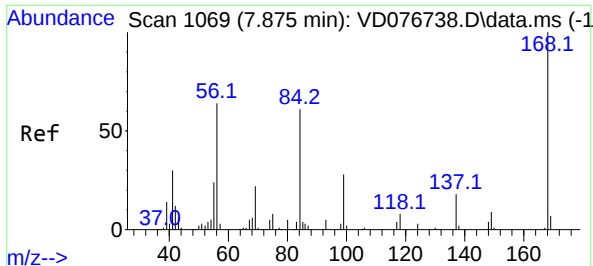
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
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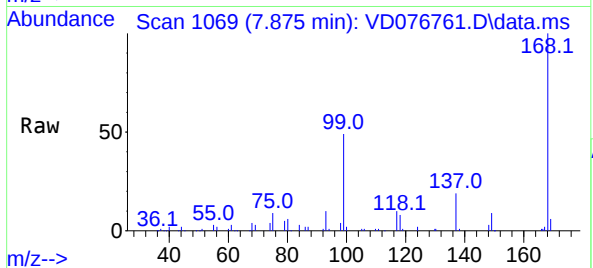
Quant Time: Jul 18 01:24:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



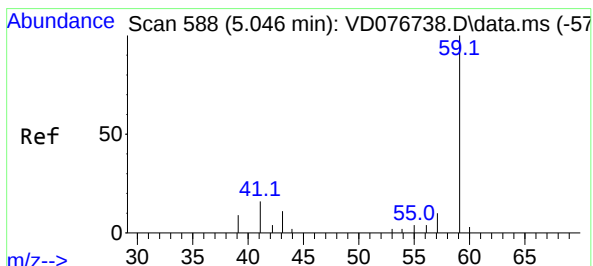
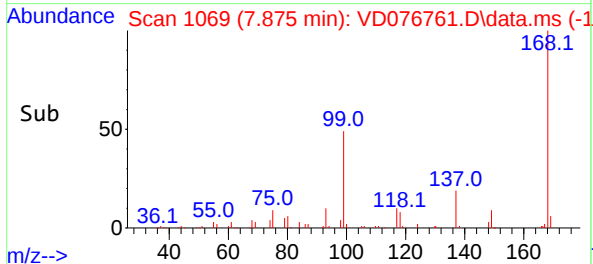
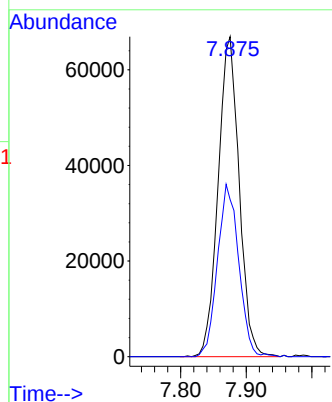


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :
TP7

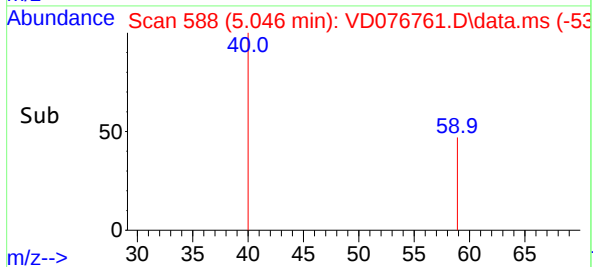
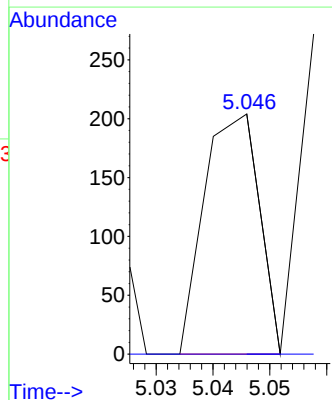
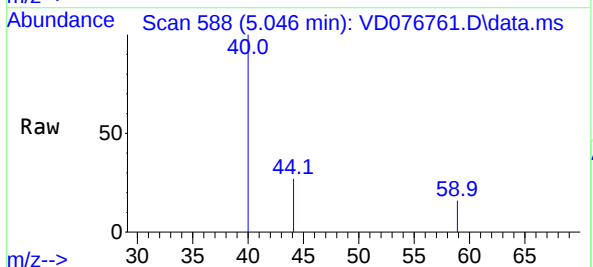


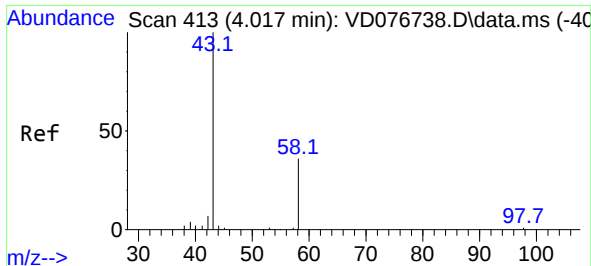
Tgt Ion:168 Resp: 148874
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.238 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

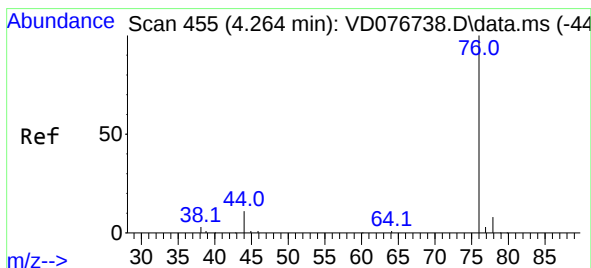
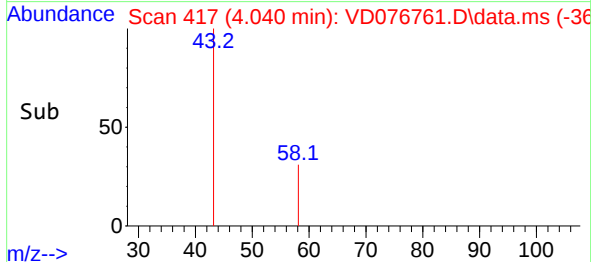
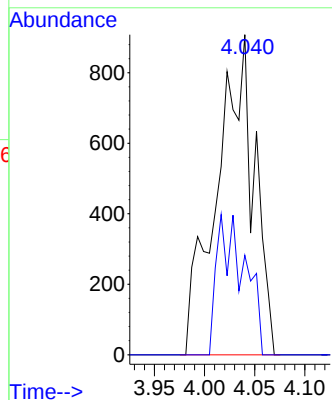
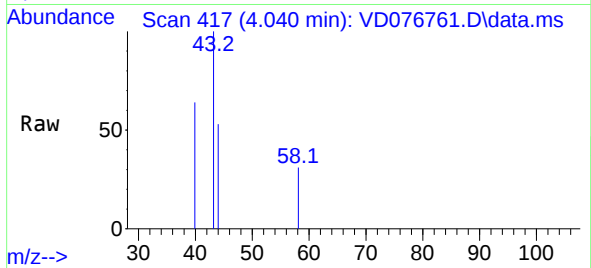




#16
Acetone
Concen: 6.639 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.023 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

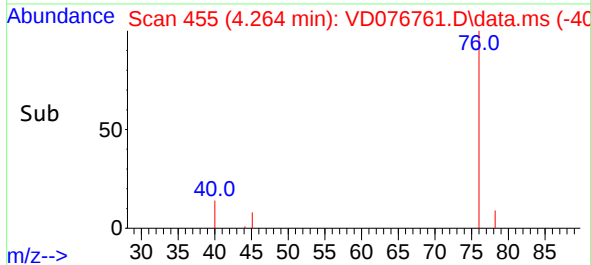
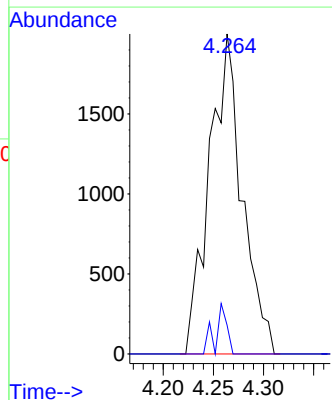
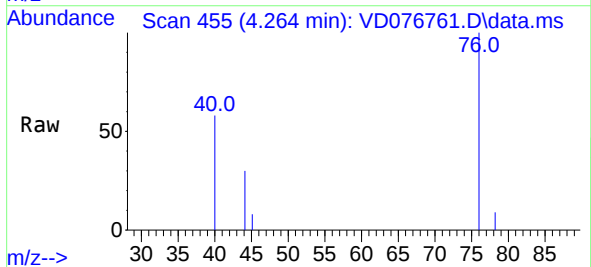
Instrument :
MSVOA_D
ClientSampleId :
TP7

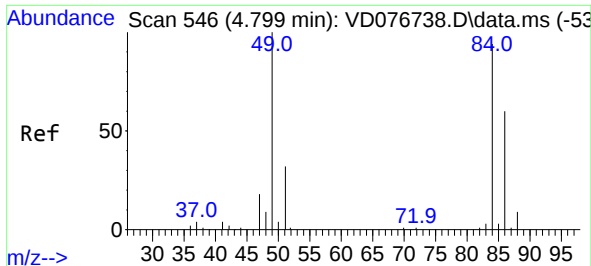
Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
58 31.1 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.326 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion: 76 Resp: 4557
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

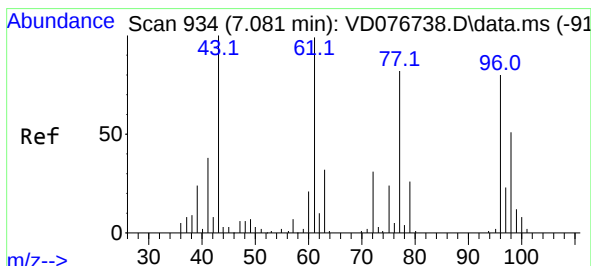
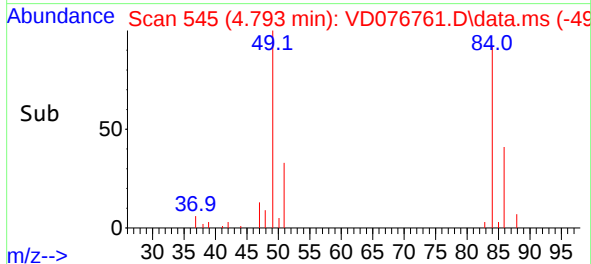
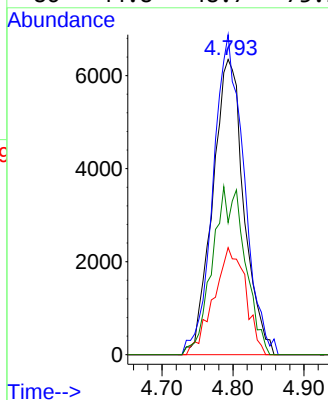
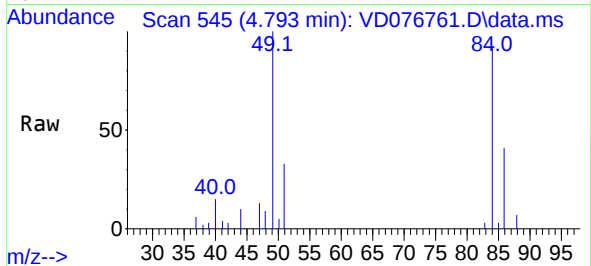




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

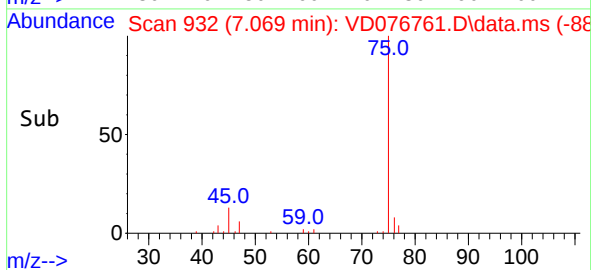
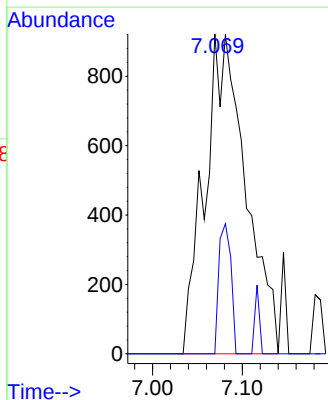
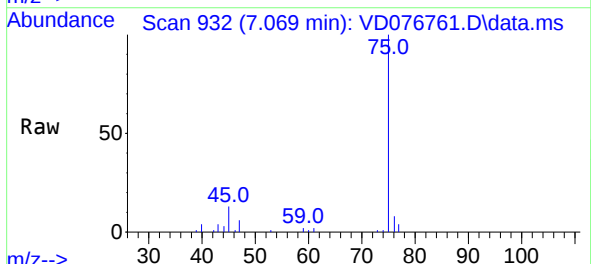
Instrument :
MSVOA_D
ClientSampleId :
TP7

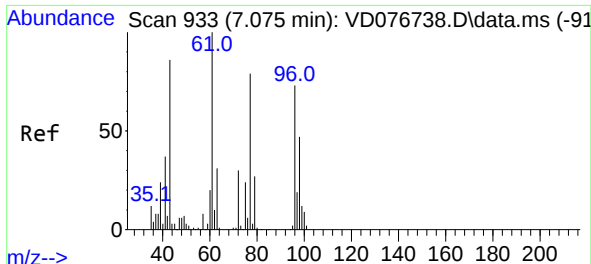
Tgt Ion:	84	Resp:	19381
Ion	Ratio	Lower	Upper
84	100		
49	108.4	71.4	107.2#
51	36.3	24.5	36.7
86	44.8	48.7	73.1#



#25
2-Butanone
Concen: 6.201 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion:	43	Resp:	2939
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

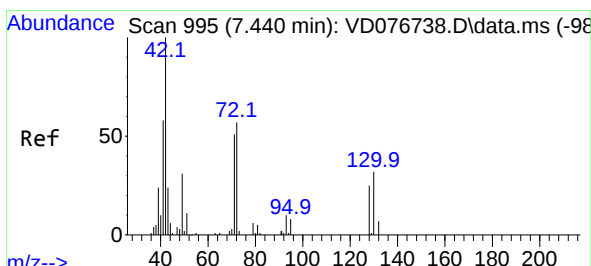
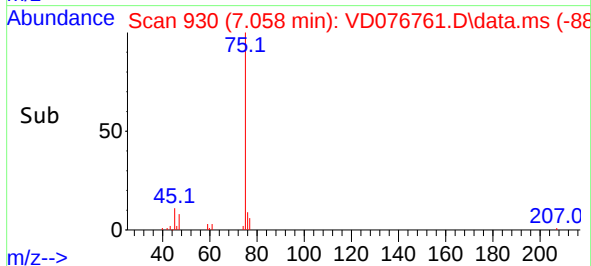
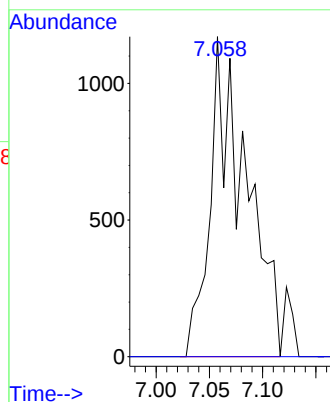
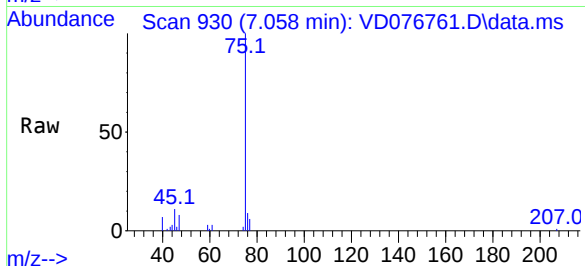




#26
2,2-Dichloropropane
Concen: 1.020 ug/l
RT: 7.058 min Scan# 911
Delta R.T. -0.017 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

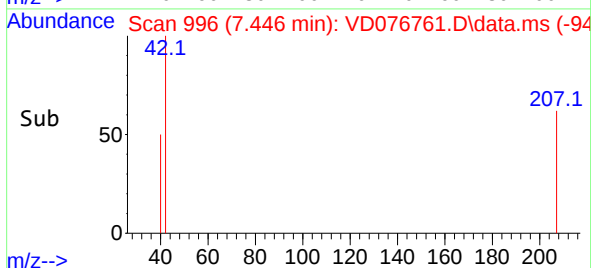
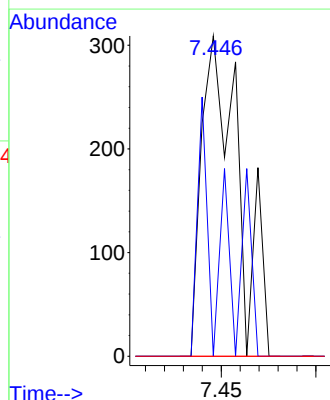
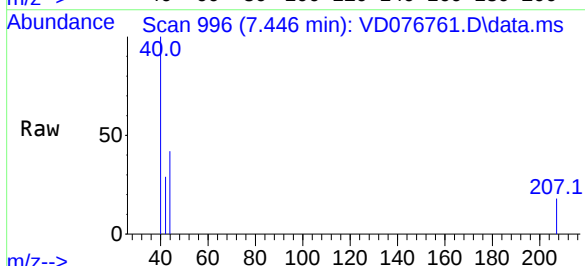
Instrument :
MSVOA_D
ClientSampleId :
TP7

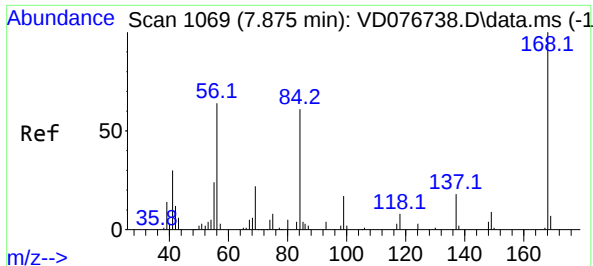
Tgt Ion: 77 Resp: 2713
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#29
Tetrahydrofuran
Concen: 1.503 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

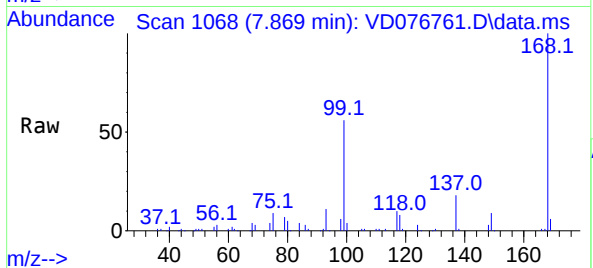
Tgt Ion: 42 Resp: 421
Ion Ratio Lower Upper
42 100
72 20.9 46.5 69.7#
71 0.0 44.5 66.7#



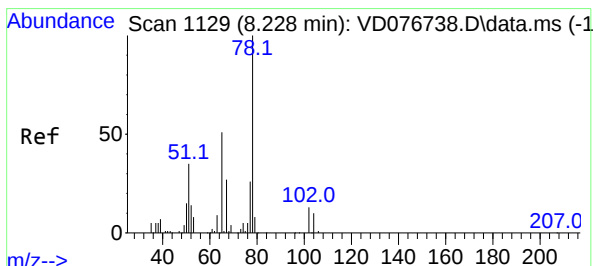
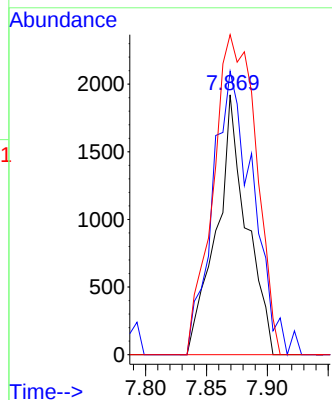
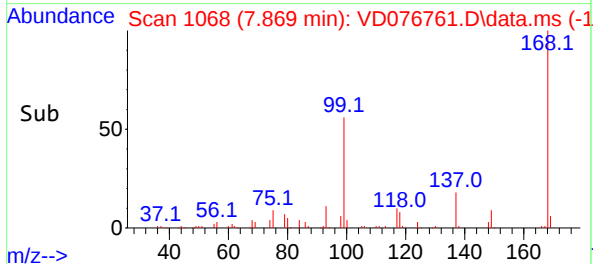


#31
Cyclohexane
Concen: 1.520 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :
TP7

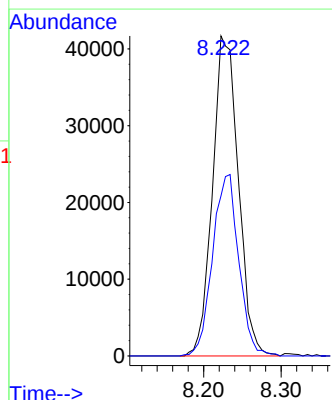
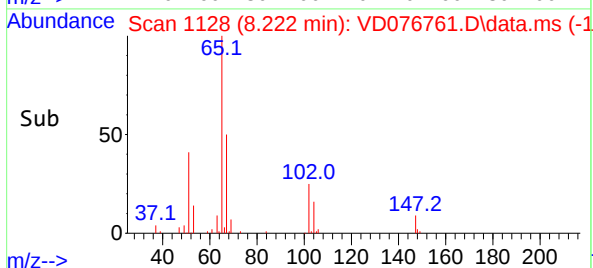
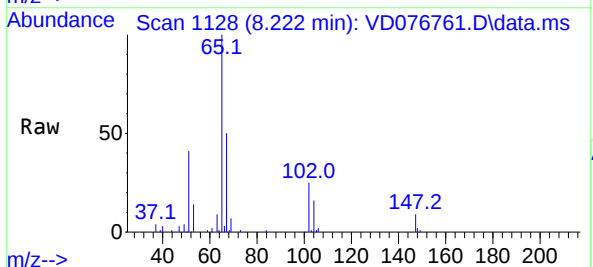


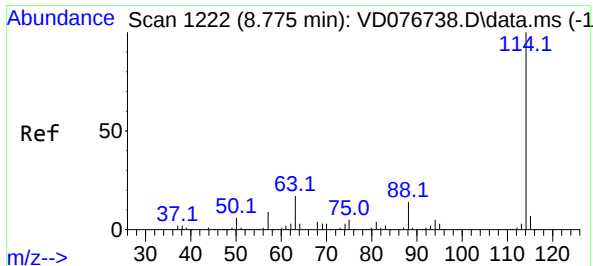
Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
69 109.1 28.6 43.0#
84 123.2 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 65.061 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion: 65 Resp: 96474
Ion Ratio Lower Upper
65 100
67 57.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

Instrument :

MSVOA_D

ClientSampleId :

TP7

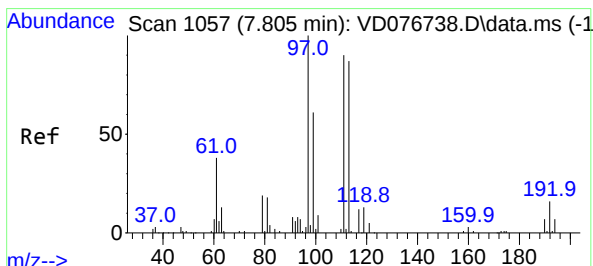
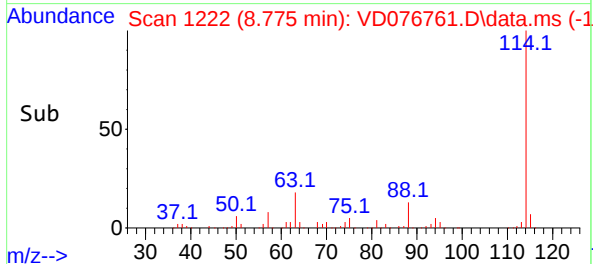
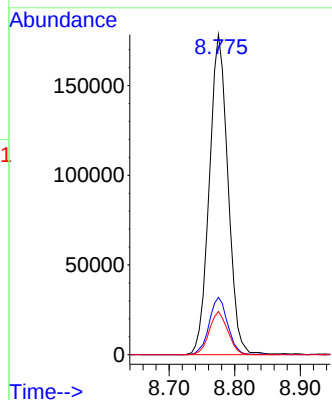
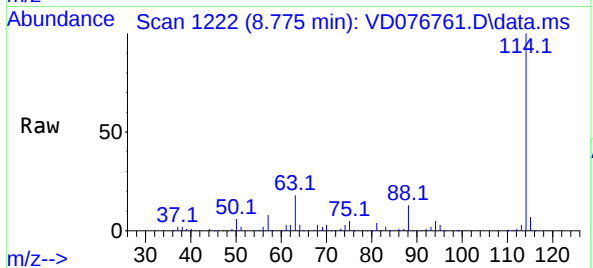
Tgt Ion:114 Resp: 351946

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.750 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

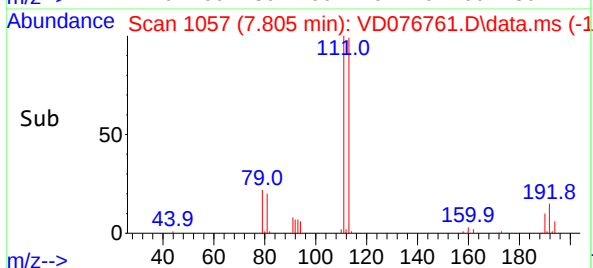
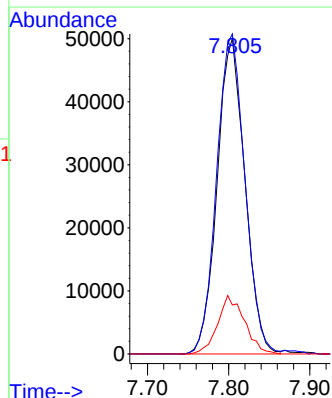
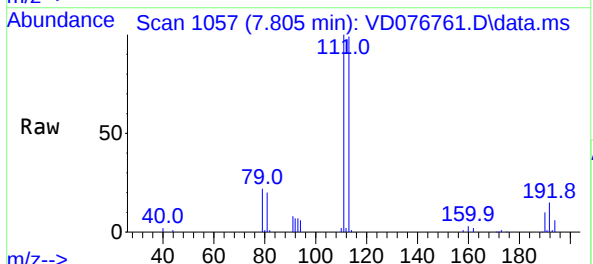
Tgt Ion:113 Resp: 118876

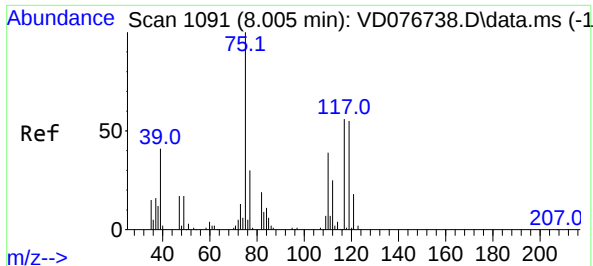
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 17.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.482 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

Instrument :

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TP7

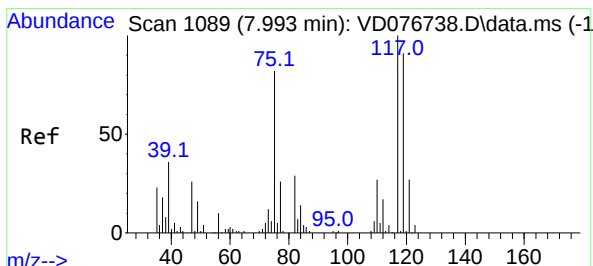
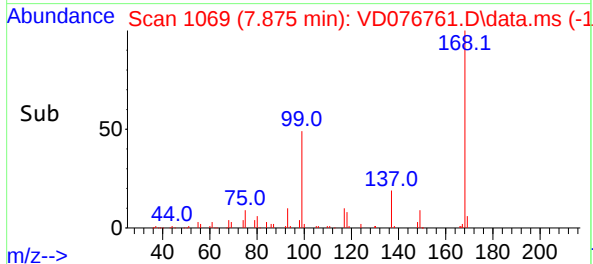
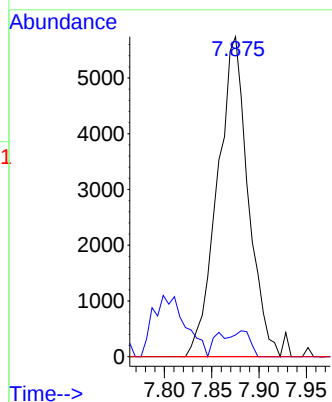
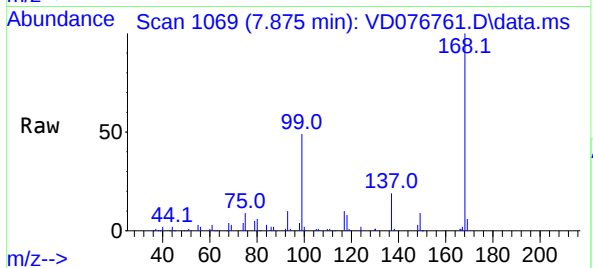
Tgt Ion: 75 Resp: 12953

Ion Ratio Lower Upper

75 100

110 4.1 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076761.D

Acq: 17 Jul 2023 18:20

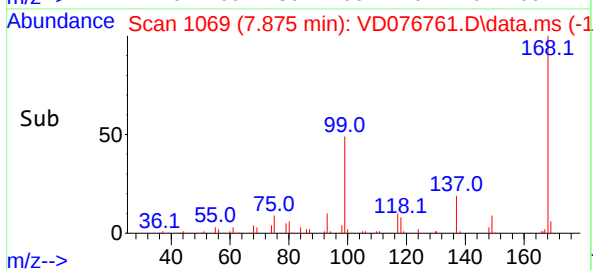
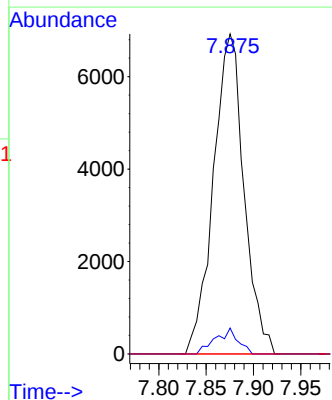
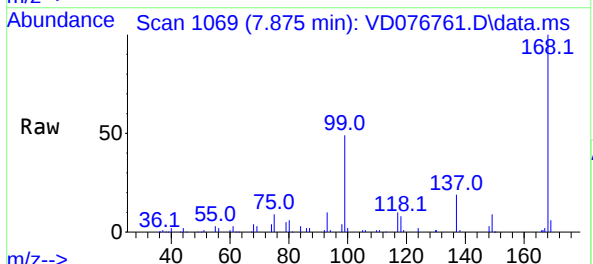
Tgt Ion: 117 Resp: 15558

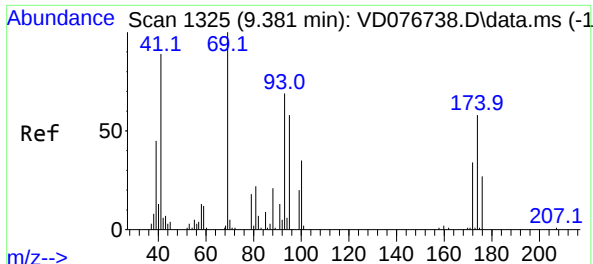
Ion Ratio Lower Upper

117 100

119 8.1 78.0 117.0#

121 0.0 24.2 36.2#

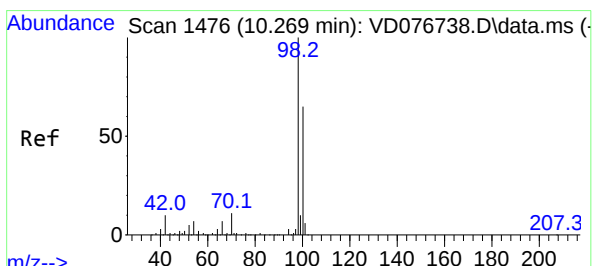
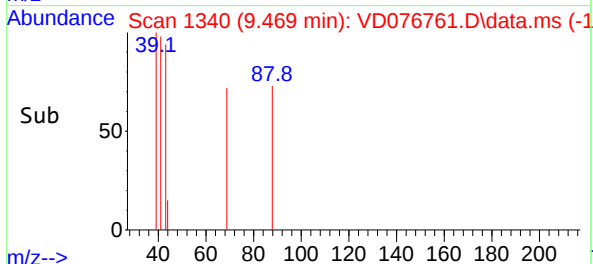
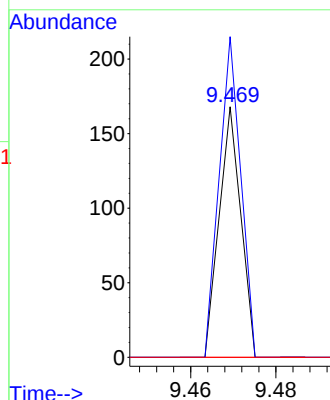
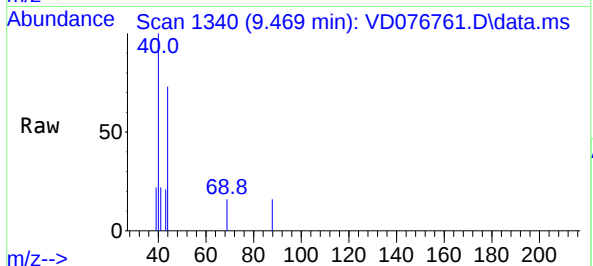




#49
1,4-Dioxane
Concen: 3.342 ug/l
RT: 9.469 min Scan# 11
Delta R.T. 0.088 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

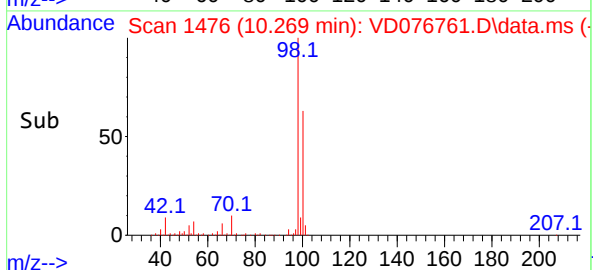
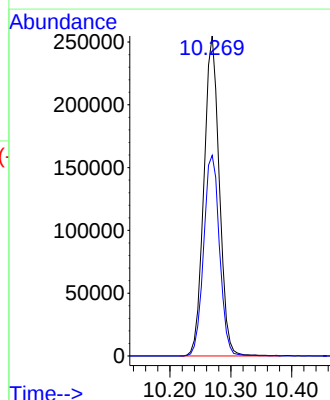
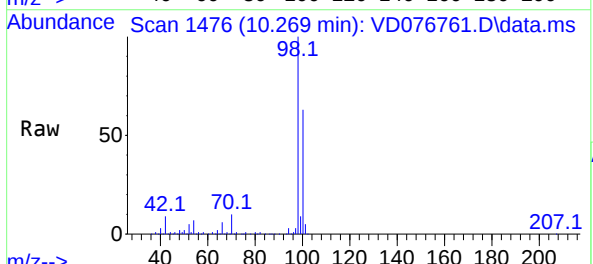
Instrument :
MSVOA_D
ClientSampleId :
TP7

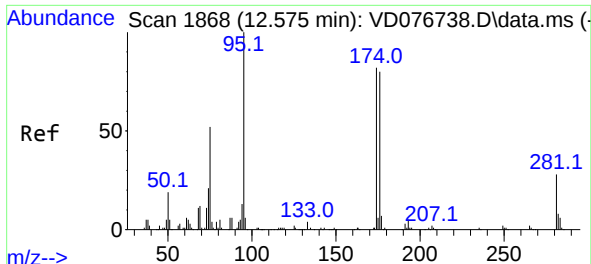
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 128.8 19.0 28.6#
58 0.0 43.5 65.3#



#50
Toluene-d8
Concen: 56.558 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Tgt Ion: 98 Resp: 447482
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

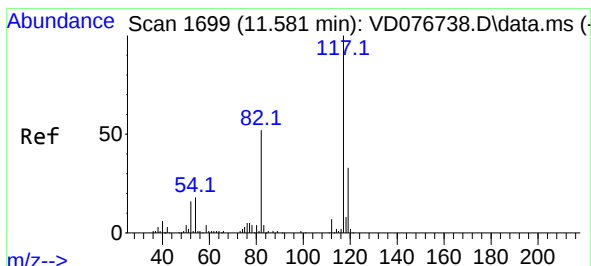
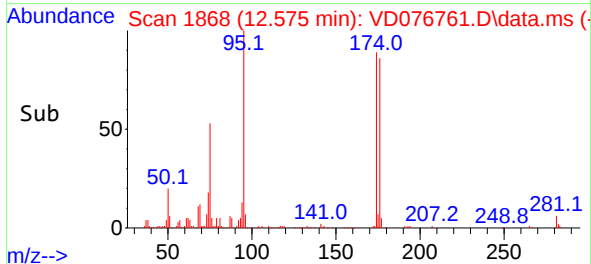
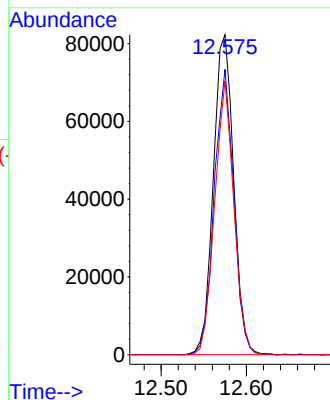
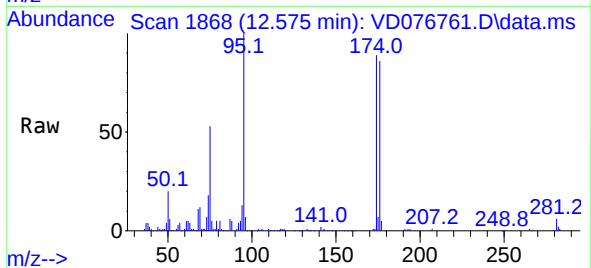




#62
4-Bromofluorobenzene
Concen: 53.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

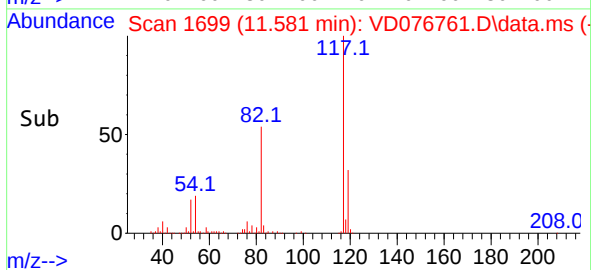
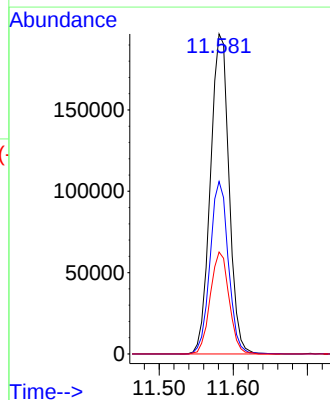
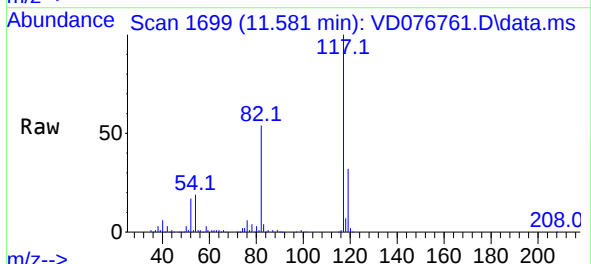
Instrument :
MSVOA_D
ClientSampleId :
TP7

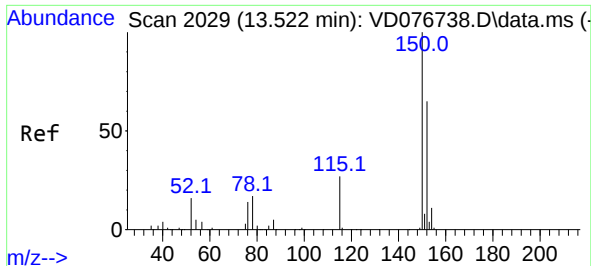
Tgt Ion: 95 Resp: 136265
Ion Ratio Lower Upper
95 100
174 86.0 0.0 201.8
176 80.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

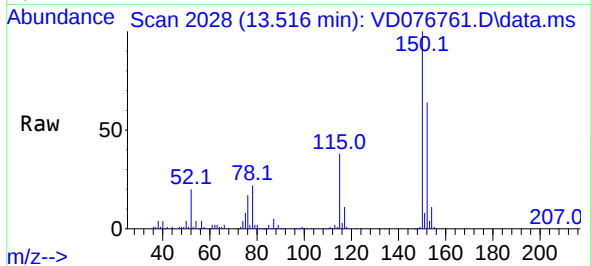
Tgt Ion: 117 Resp: 342484
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 31.9 25.0 37.4



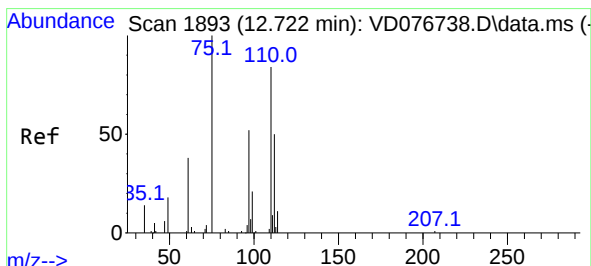
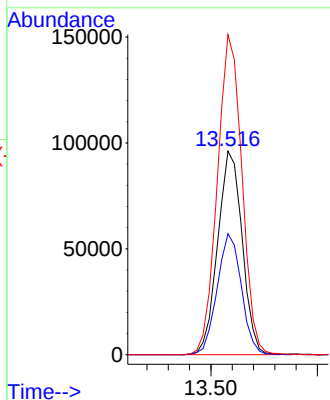
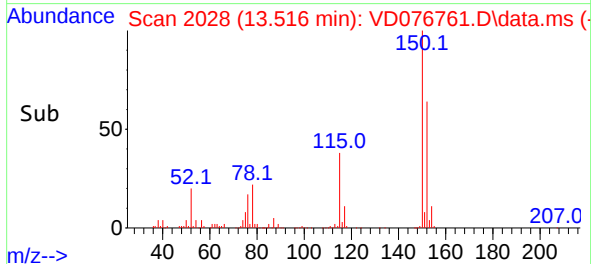


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :
TP7

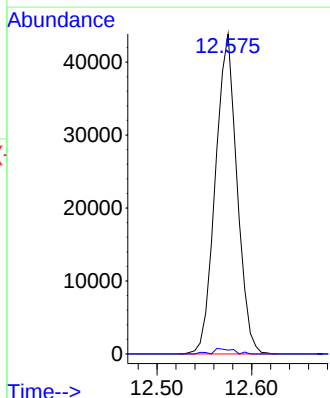
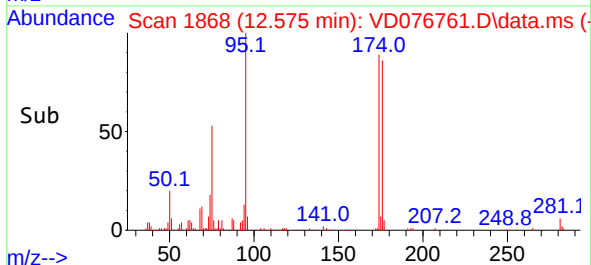
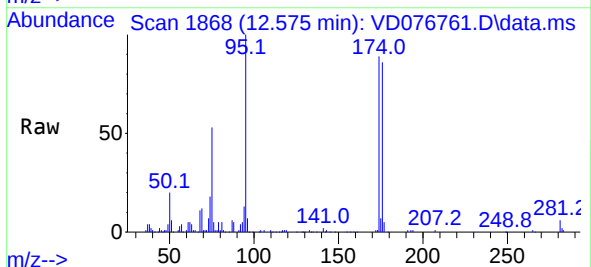


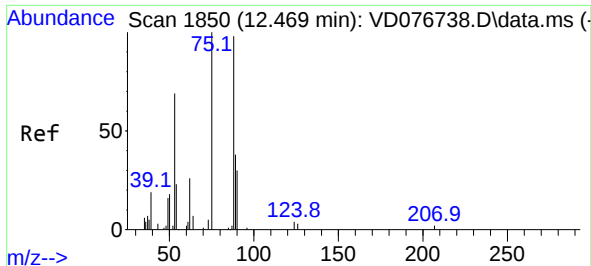
Tgt Ion:152 Resp: 153642
Ion Ratio Lower Upper
152 100
115 58.7 27.1 81.3
150 157.8 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.596 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076761.D
Acq: 17 Jul 2023 18:20

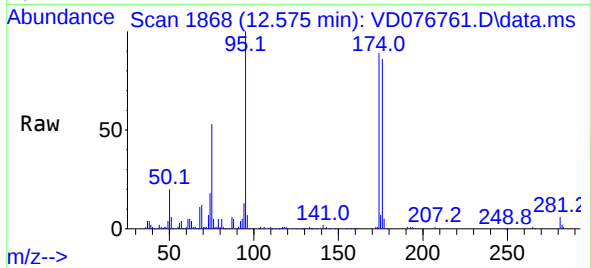
Tgt Ion: 75 Resp: 69544
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.297 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076761.D
 Acq: 17 Jul 2023 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7



Tgt Ion:	75	Resp:	69544
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.4	37.9	56.9#

