

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076780.D
 Acq On : 18 Jul 2023 16:14
 Operator : KP/SY
 Sample : 03639-21
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Jul 19 06:45:04 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	148413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	351080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	332434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97977	66.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.560%
35) Dibromofluoromethane	7.804	113	118377	53.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.269	98	442271	56.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.575	95	125040	48.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.940%

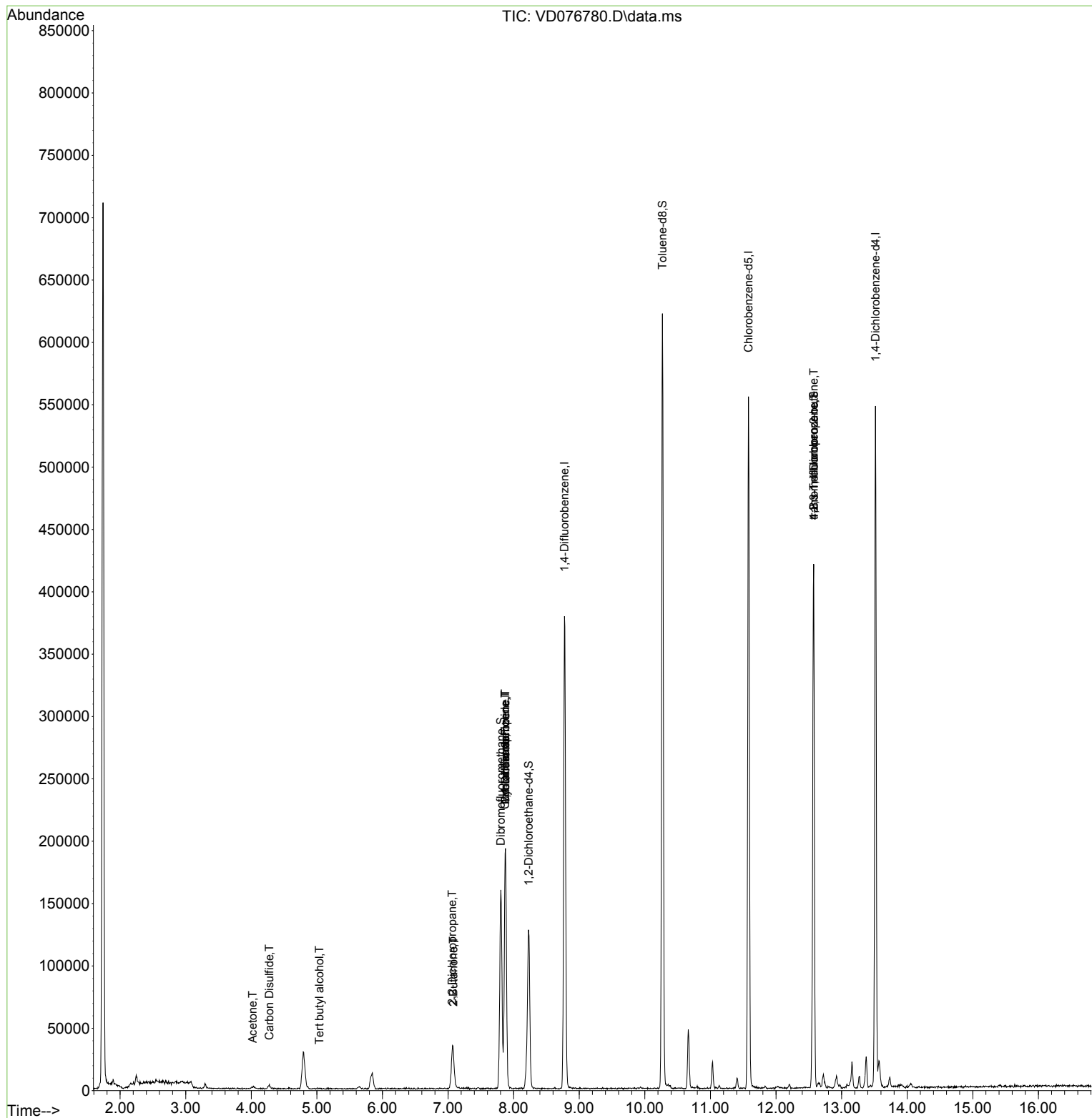
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.040	59	339	3.073	ug/l	# 73
16) Acetone	4.022	43	1717	4.864	ug/l	# 32
17) Carbon Disulfide	4.275	76	4338	1.266	ug/l	# 76
25) 2-Butanone	7.081	43	1727	3.655	ug/l	# 37
26) 2,2-Dichloropropane	7.063	77	2901	1.094	ug/l	# 49
31) Cyclohexane	7.875	56	3494	1.606	ug/l	# 27
36) 1,1-Dichloropropene	7.875	75	13689	4.748	ug/l	# 42
38) Carbon Tetrachloride	7.869	117	15709	5.691	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	66012	48.042	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	66012	102.245	ug/l	# 17

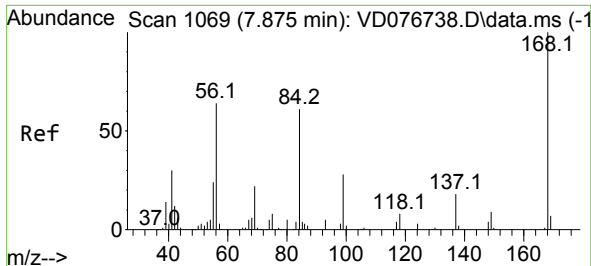
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

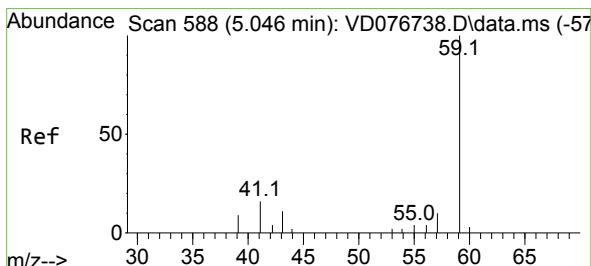
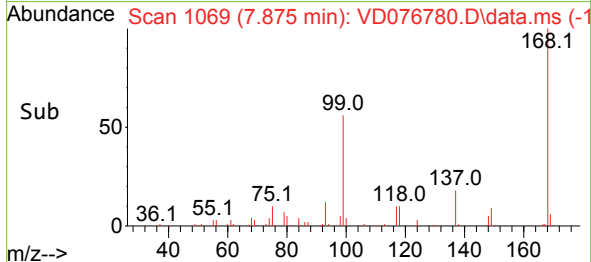
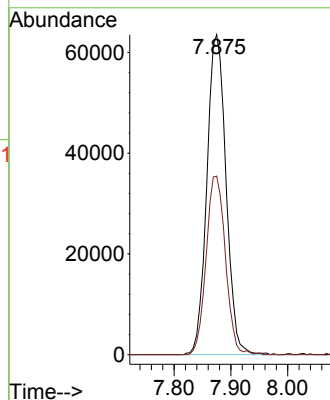
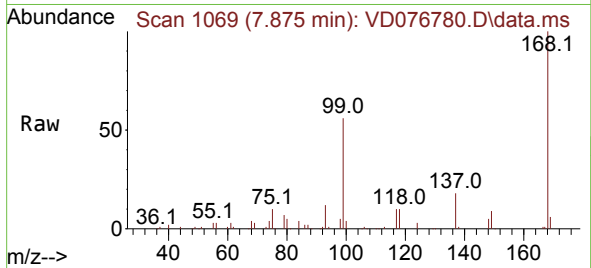




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

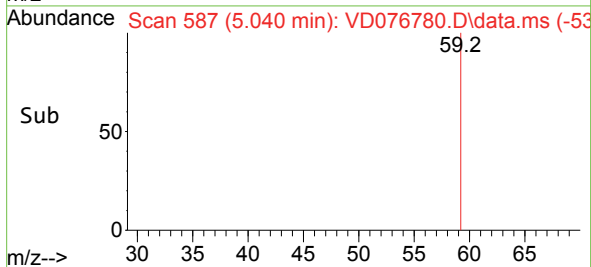
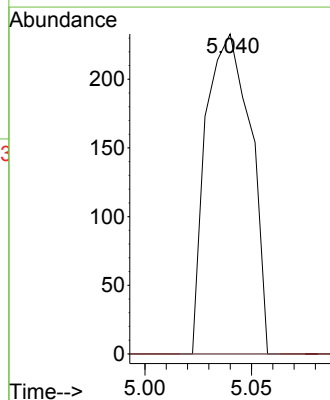
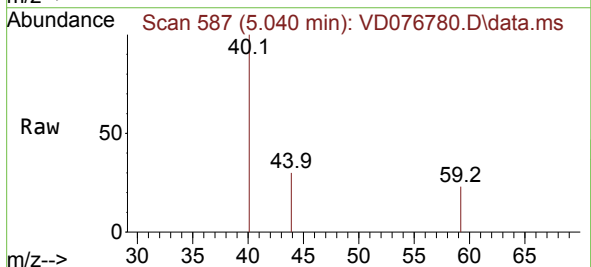
Instrument :
MSVOA_D
ClientSampleId :
TP5

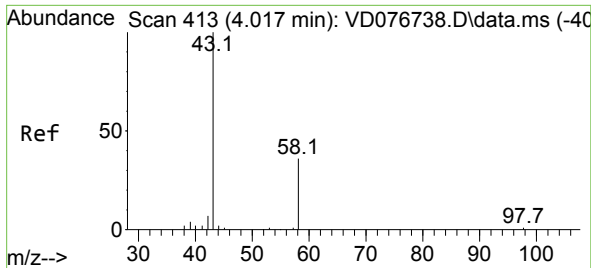
Tgt Ion:168 Resp: 148413
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1#



#11
Tert butyl alcohol
Concen: 3.073 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.006 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 4.864 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076780.D

Acq: 18 Jul 2023 16:14

Instrument :

MSVOA_D

ClientSampleId :

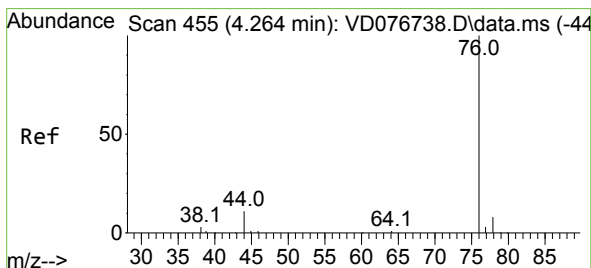
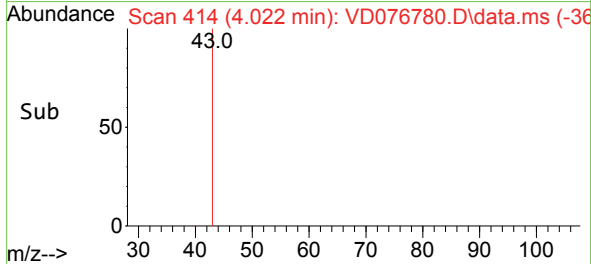
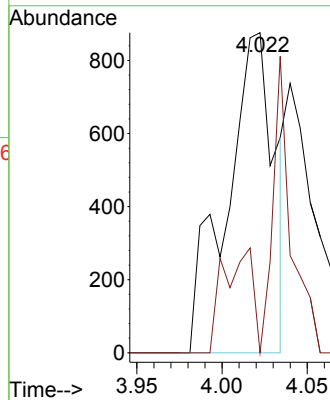
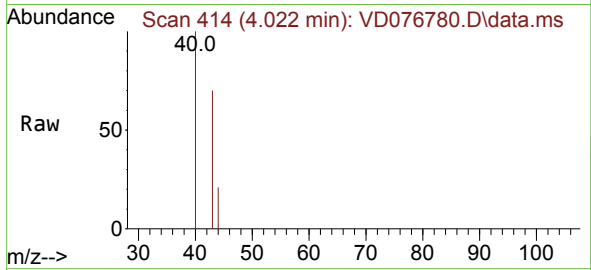
TP5

Tgt Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#17

Carbon Disulfide

Concen: 1.266 ug/l

RT: 4.275 min Scan# 457

Delta R.T. 0.011 min

Lab File: VD076780.D

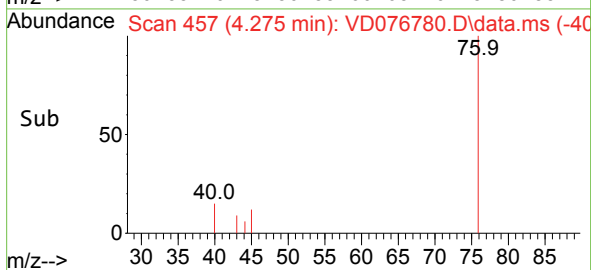
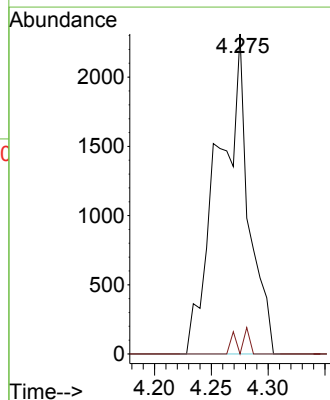
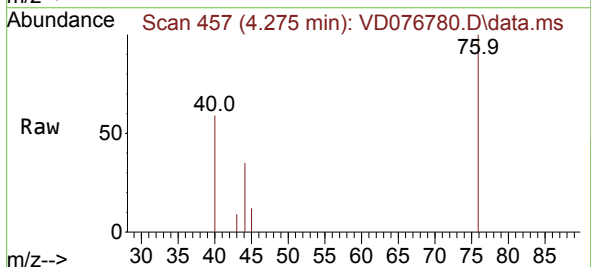
Acq: 18 Jul 2023 16:14

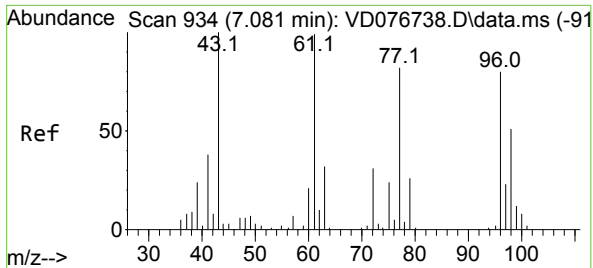
Tgt Ion: 76 Resp: 4338

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#





#25

2-Butanone

Concen: 3.655 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076780.D

Acq: 18 Jul 2023 16:14

Instrument :

MSVOA_D

ClientSampleId :

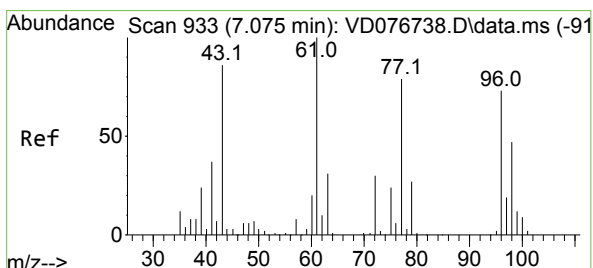
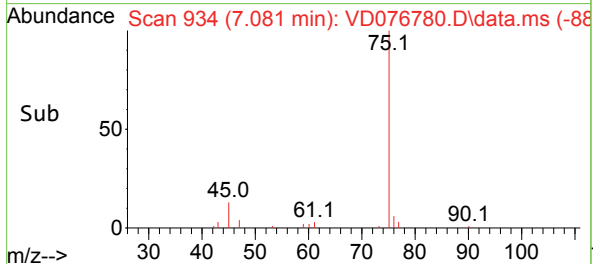
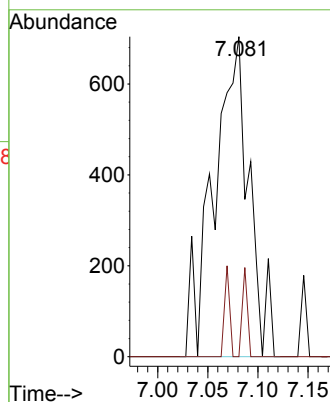
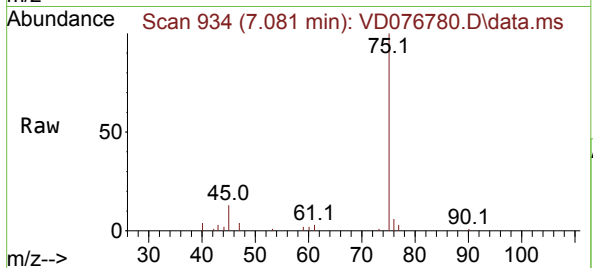
TP5

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 1.094 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.012 min

Lab File: VD076780.D

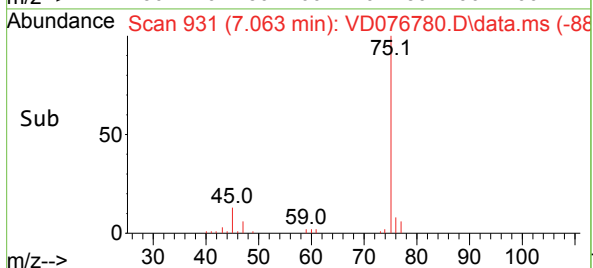
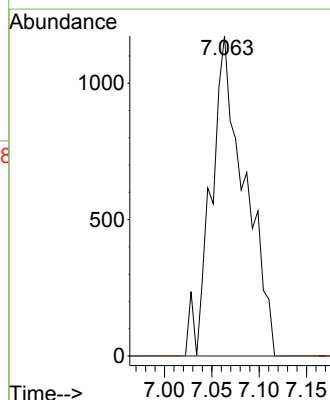
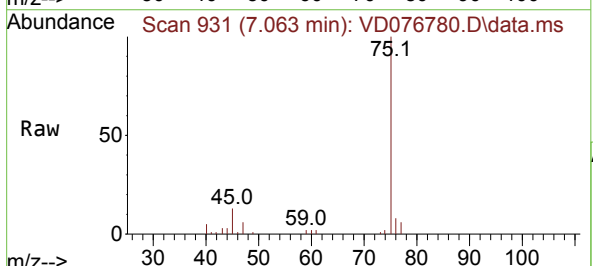
Acq: 18 Jul 2023 16:14

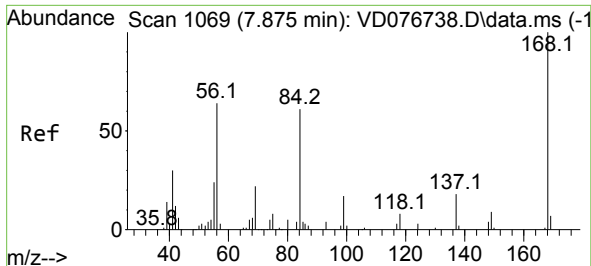
Tgt Ion: 77 Resp: 2901

Ion Ratio Lower Upper

77 100

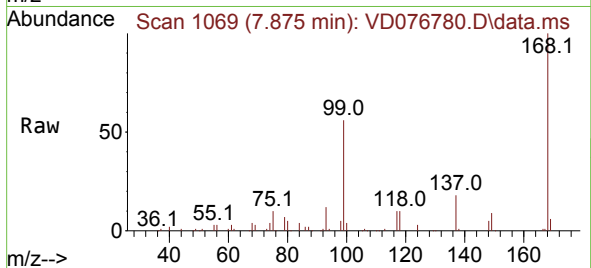
97 0.0 13.2 39.6#



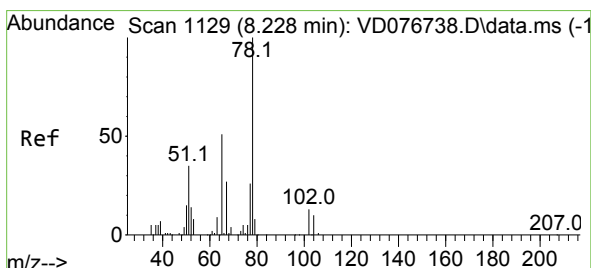
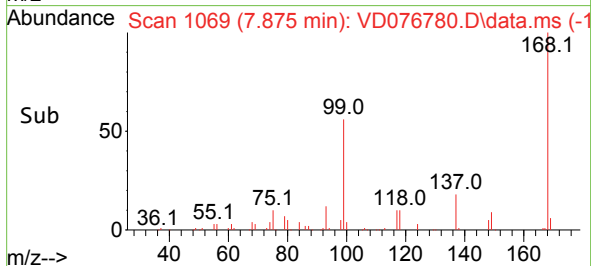
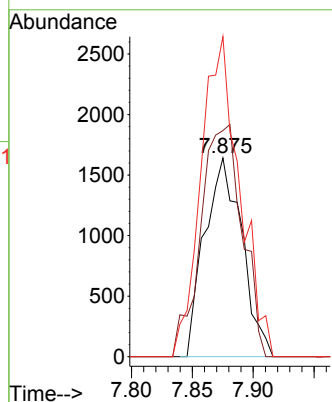


#31
Cyclohexane
Concen: 1.606 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Instrument :
MSVOA_D
ClientSampleId :
TP5

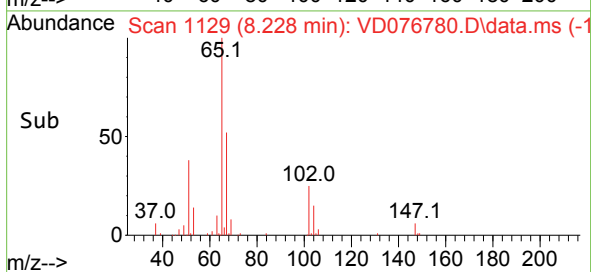
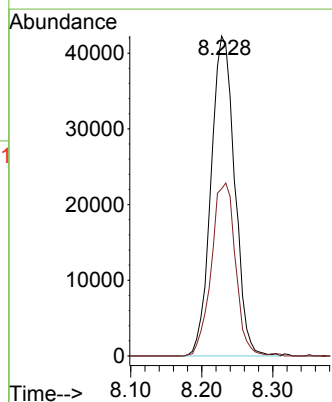
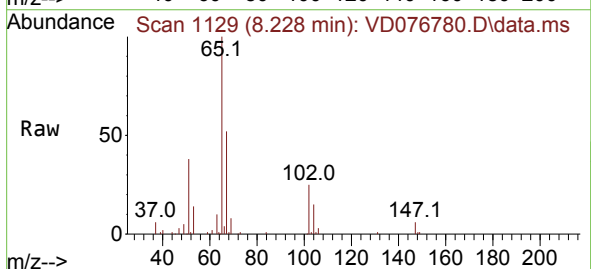


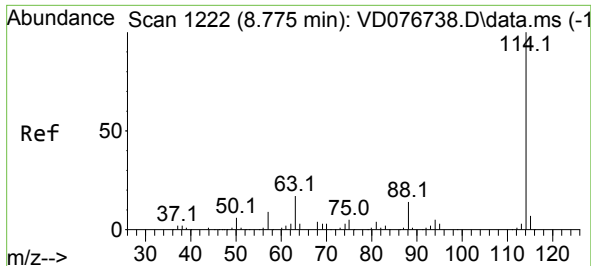
Tgt Ion: 56 Resp: 3494
Ion Ratio Lower Upper
56 100
69 113.8 28.6 43.0#
84 161.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 66.280 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Tgt Ion: 65 Resp: 97977
Ion Ratio Lower Upper
65 100
67 54.8 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: VD076780.D

Acq: 18 Jul 2023 16:14

Instrument :

MSVOA_D

ClientSampleId :

TP5

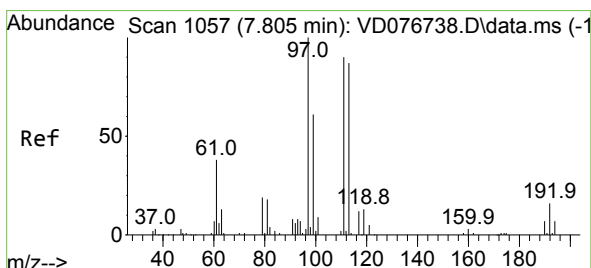
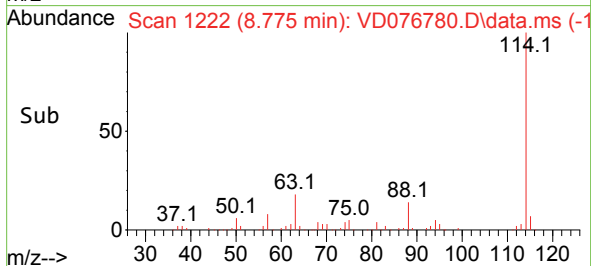
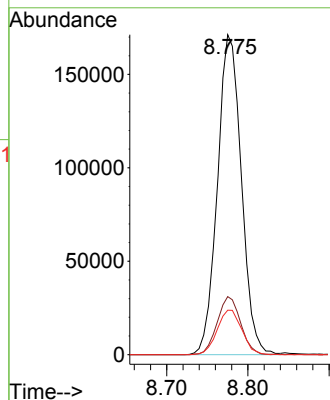
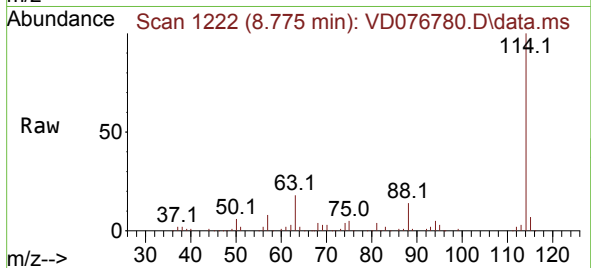
Tgt Ion:114 Resp: 351080

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.656 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076780.D

Acq: 18 Jul 2023 16:14

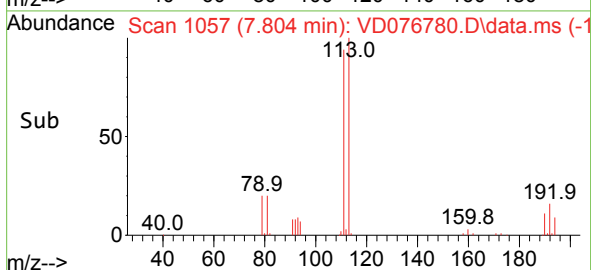
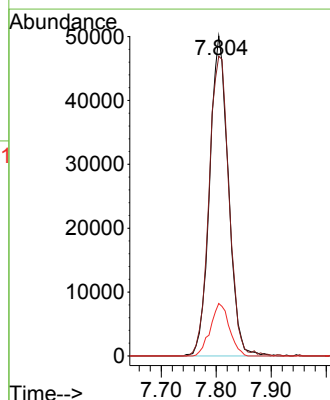
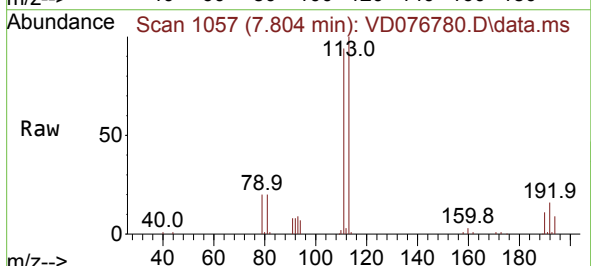
Tgt Ion:113 Resp: 118377

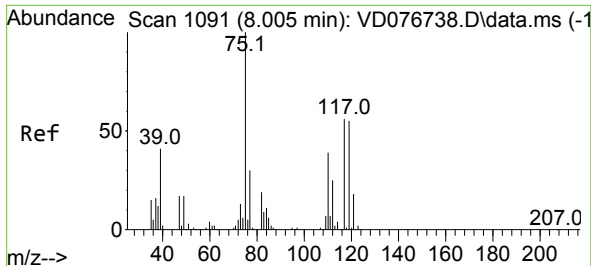
Ion Ratio Lower Upper

113 100

111 99.9 84.7 127.1

192 16.6 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 4.748 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076780.D

Acq: 18 Jul 2023 16:14

Instrument :

MSVOA_D

ClientSampleId :

TP5

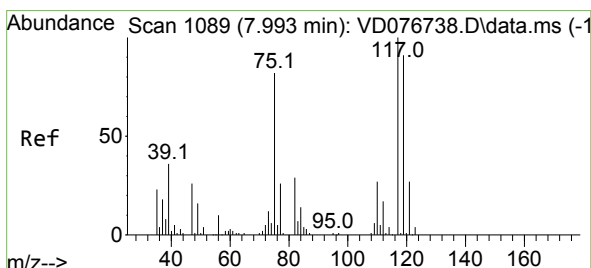
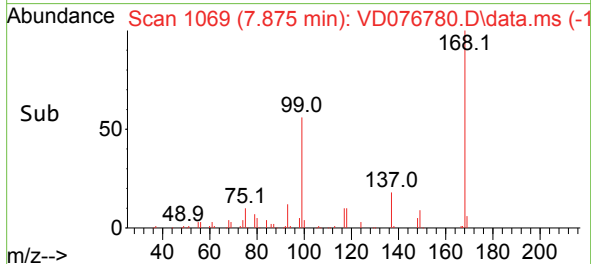
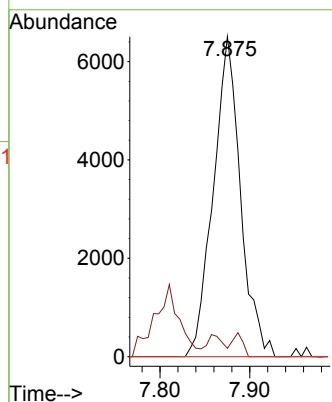
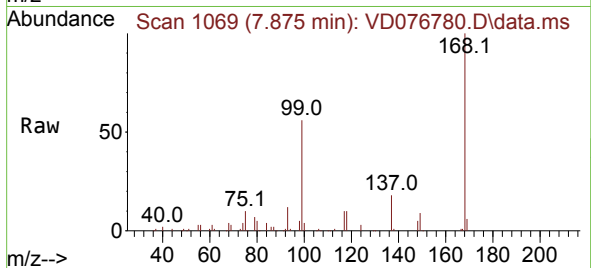
Tgt Ion: 75 Resp: 13689

Ion Ratio Lower Upper

75 100

110 2.8 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076780.D

Acq: 18 Jul 2023 16:14

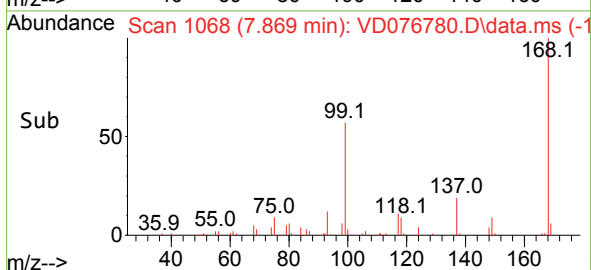
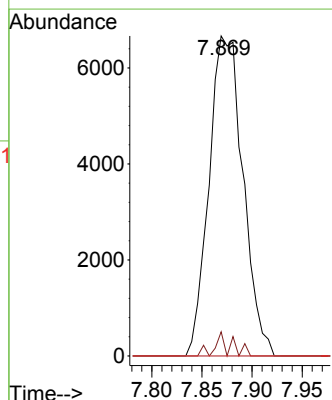
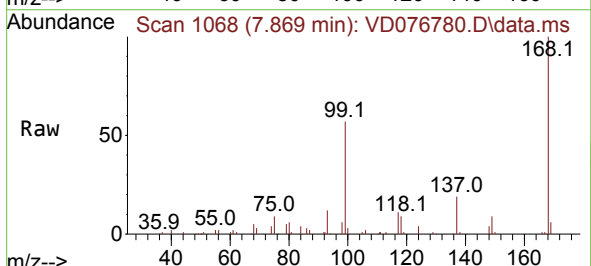
Tgt Ion: 117 Resp: 15709

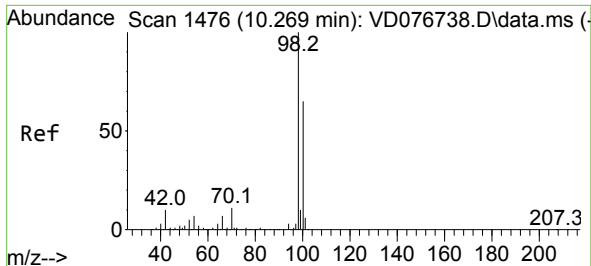
Ion Ratio Lower Upper

117 100

119 7.6 78.0 117.0#

121 0.0 24.2 36.2#

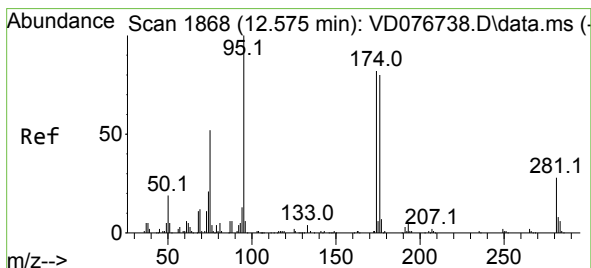
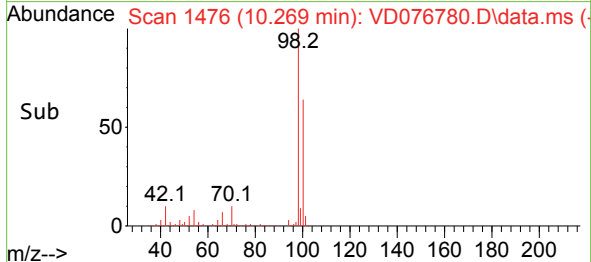
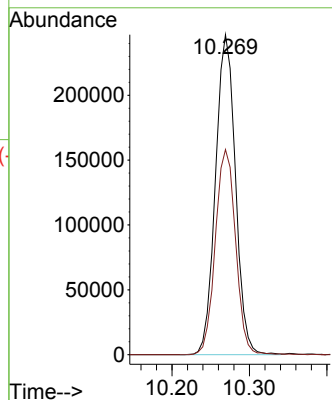
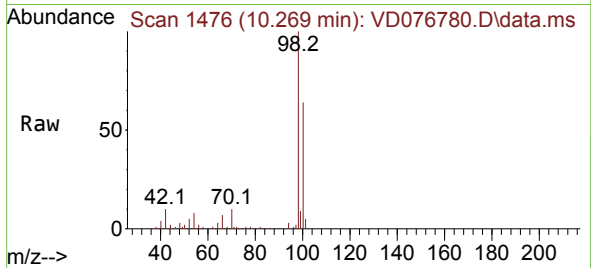




#50
Toluene-d8
Concen: 56.037 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

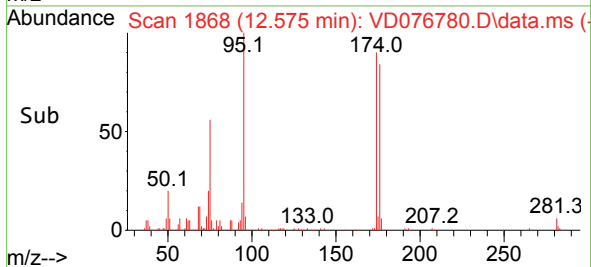
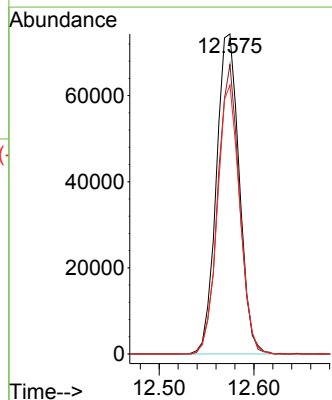
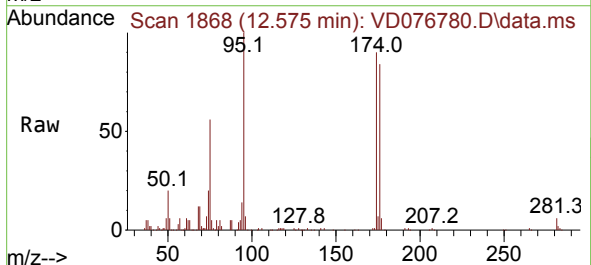
Instrument :
MSVOA_D
ClientSampleId :
TP5

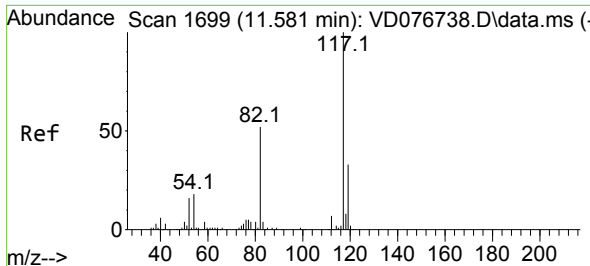
Tgt Ion: 98 Resp: 442271
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Tgt Ion: 95 Resp: 125040
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 82.1 0.0 191.8

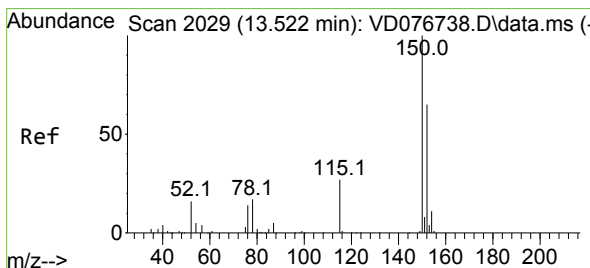
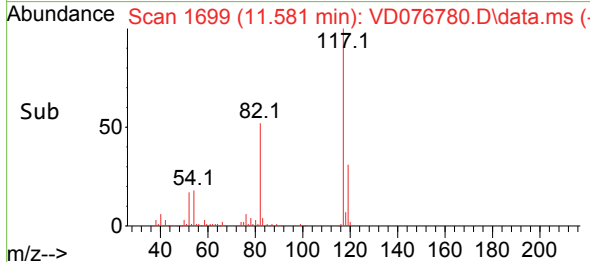
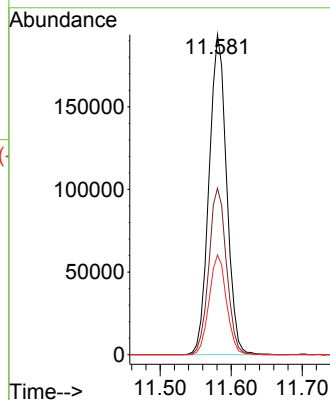
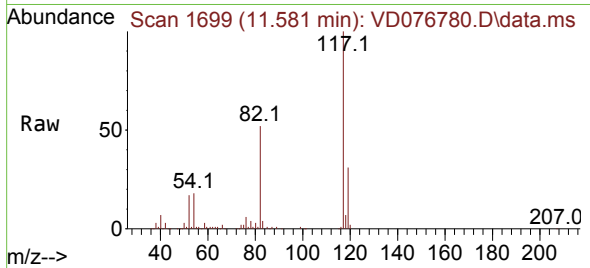




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

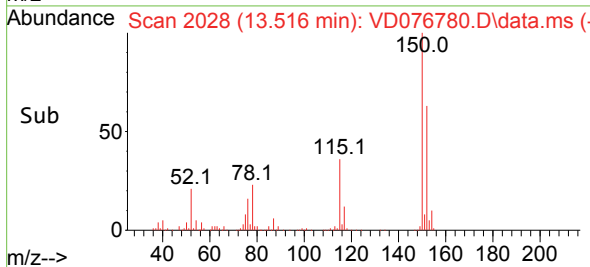
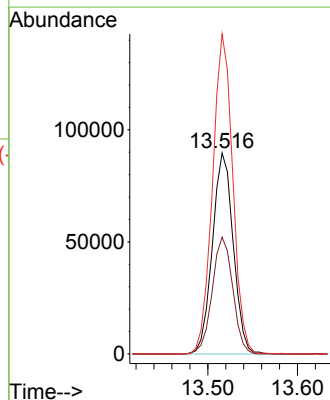
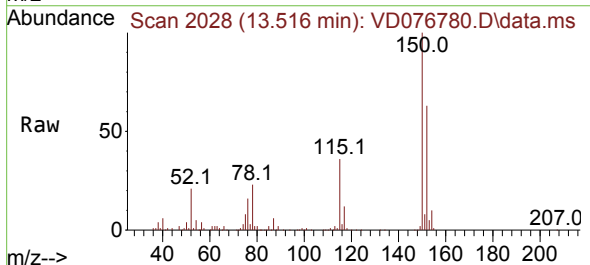
Instrument :
MSVOA_D
ClientSampleId :
TP5

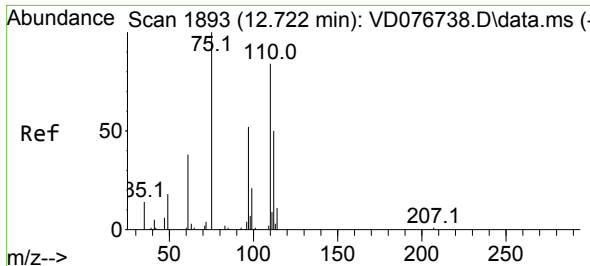
Tgt Ion:117 Resp: 332434
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Tgt Ion:152 Resp: 144487
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 154.4 0.0 353.6

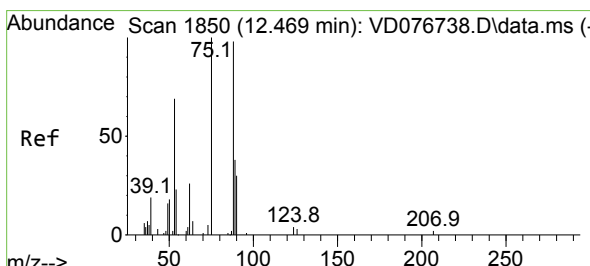
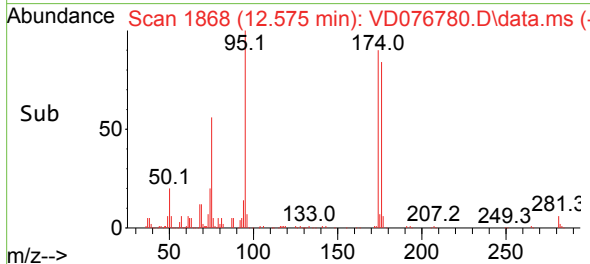
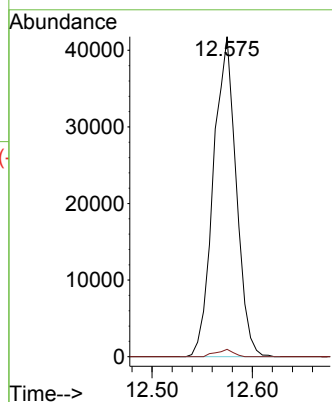
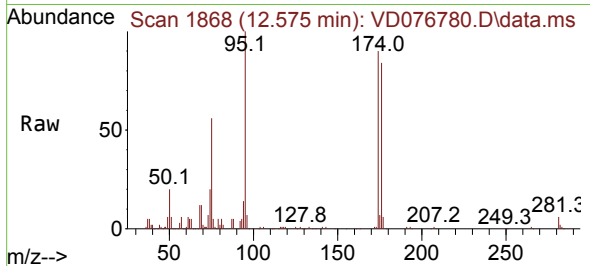




#76
1,2,3-Trichloropropane
Concen: 48.042 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Instrument :
MSVOA_D
ClientSampleId :
TP5

Tgt Ion: 75 Resp: 66012
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.245 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076780.D
Acq: 18 Jul 2023 16:14

Tgt Ion: 75 Resp: 66012
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

