

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076775.D
 Acq On : 18 Jul 2023 13:52
 Operator : KP/SY
 Sample : 03652-11
 Misc : 6.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP18

Quant Time: Jul 19 06:42:55 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)

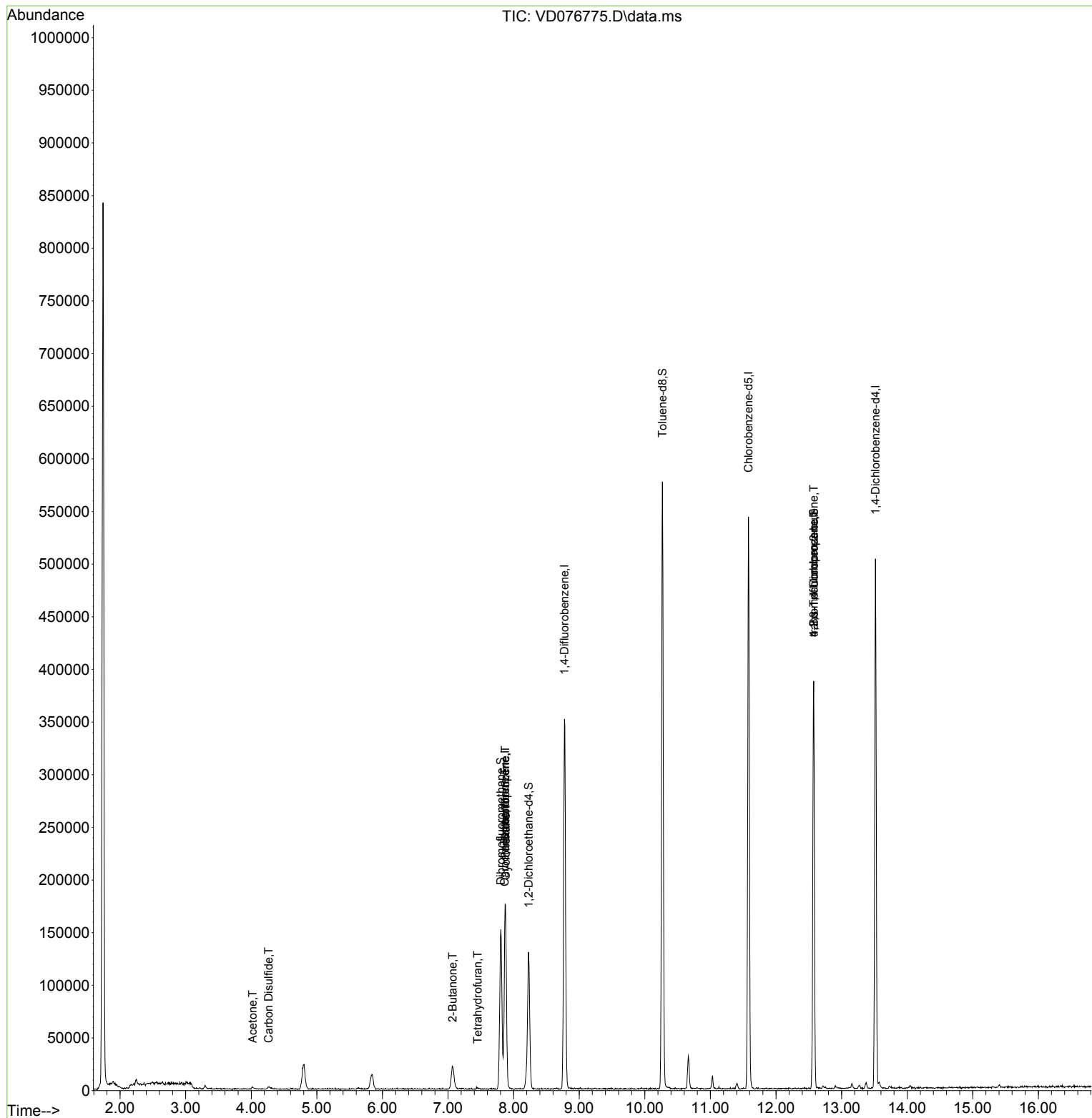
Internal Standards						
1) Pentafluorobenzene	7.869	168	138121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95075	69.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.220%	
35) Dibromofluoromethane	7.805	113	111348	54.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.600%	
50) Toluene-d8	10.269	98	409278	55.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.575	95	120364	50.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1909	5.810	ug/l #	85
17) Carbon Disulfide	4.264	76	4392	1.378	ug/l #	76
20) Methylene Chloride	4.805	84	19728	Below Cal		97
25) 2-Butanone	7.069	43	1177	2.677	ug/l #	37
29) Tetrahydrofuran	7.452	42	823	3.168	ug/l #	81
31) Cyclohexane	7.881	56	3200	1.581	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11668	4.355	ug/l #	47
38) Carbon Tetrachloride	7.863	117	13983	5.450	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	61618	47.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	61618	101.948	ug/l #	17

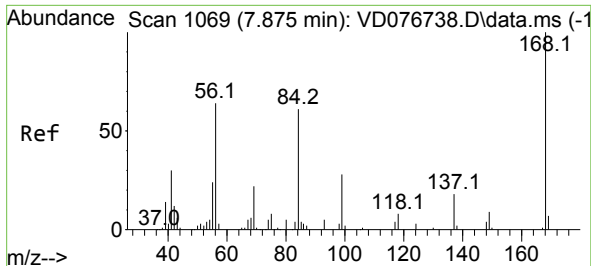
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

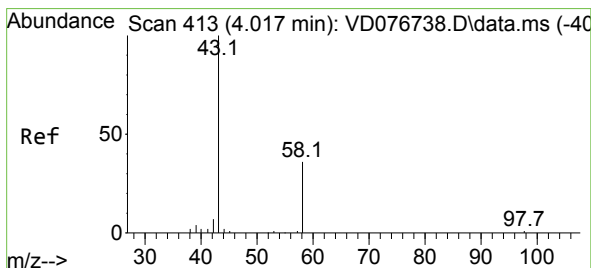
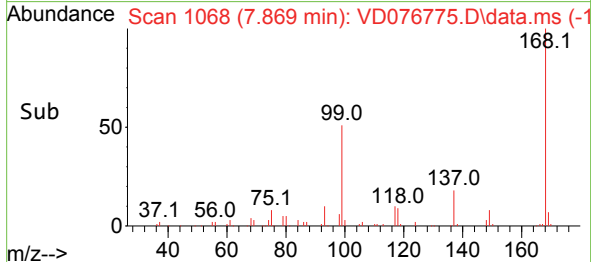
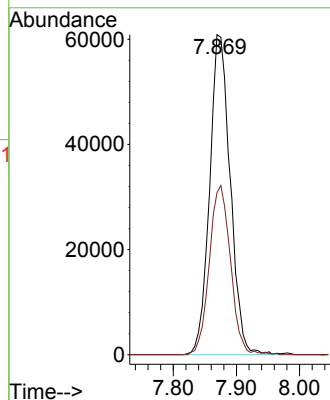
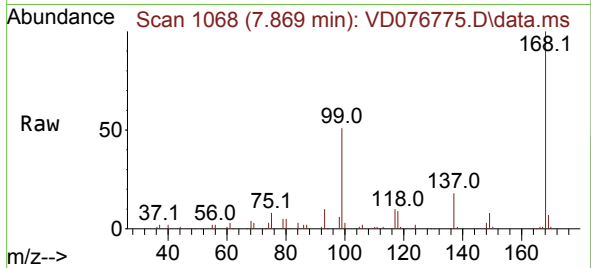




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

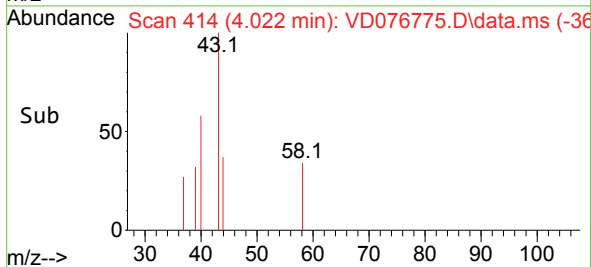
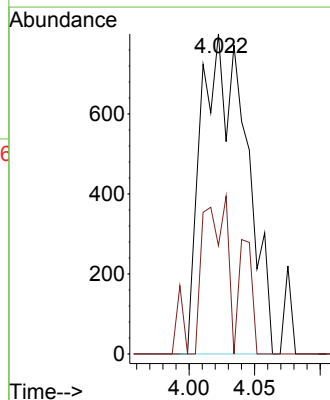
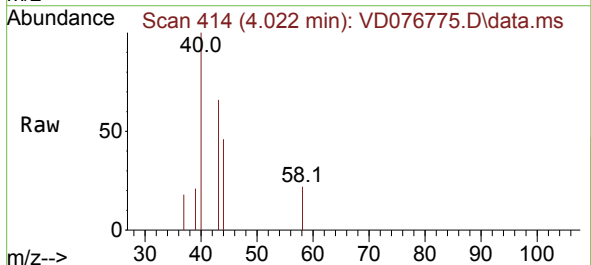
Instrument :
MSVOA_D
ClientSampleId :
TP18

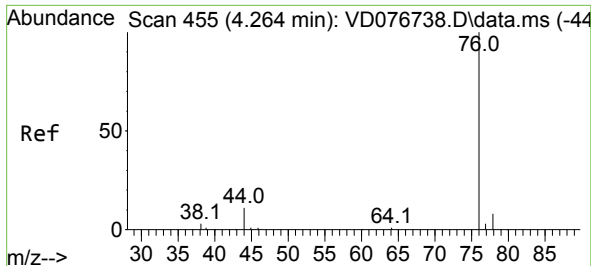
Tgt Ion:168 Resp: 138121
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1



#16
Acetone
Concen: 5.810 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#

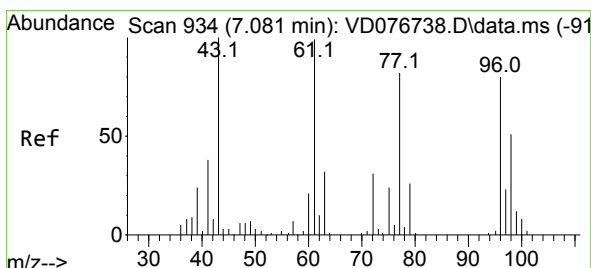
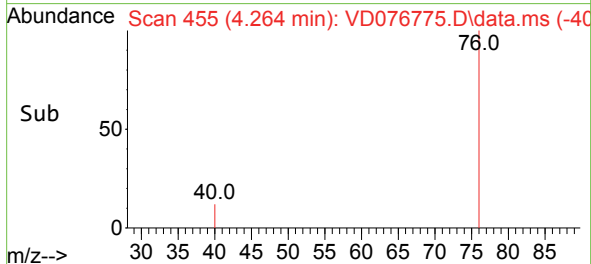
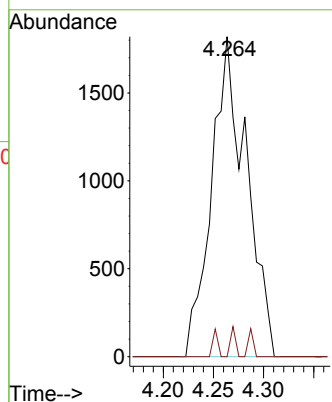
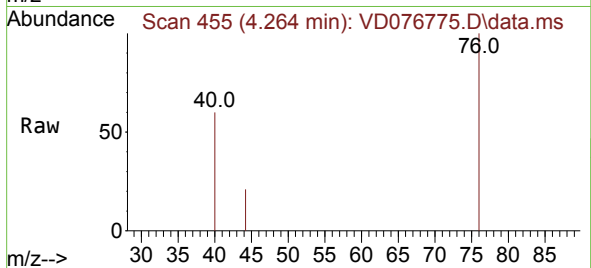




#17
Carbon Disulfide
Concen: 1.378 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

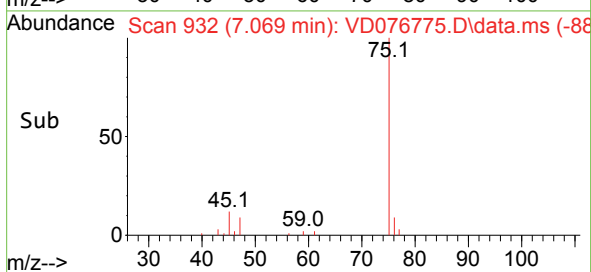
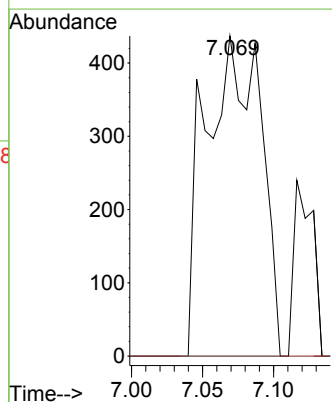
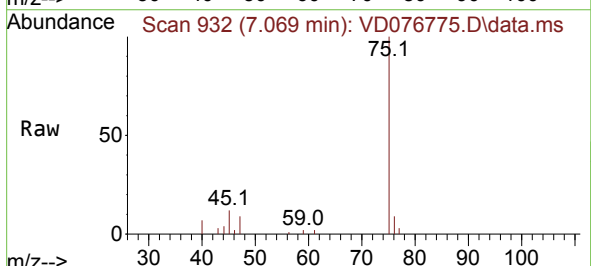
Instrument :
MSVOA_D
ClientSampleId :
TP18

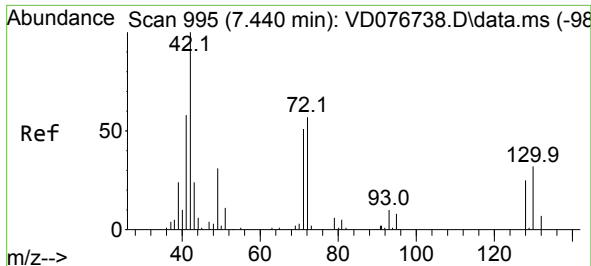
Tgt Ion: 76 Resp: 4392
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#25
2-Butanone
Concen: 2.677 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#29

Tetrahydrofuran

Concen: 3.168 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

TP18

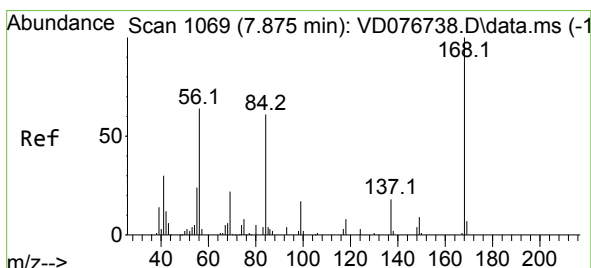
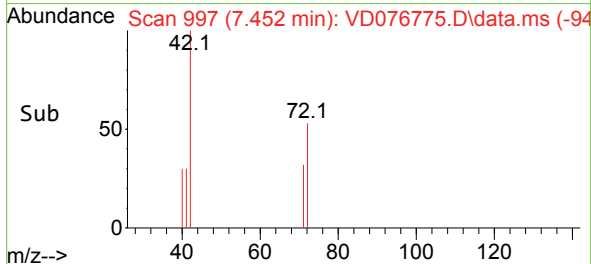
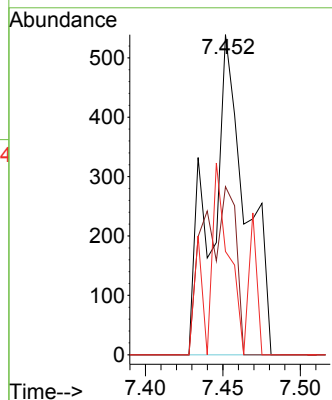
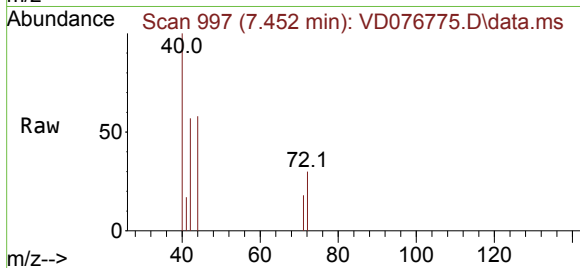
Tgt Ion: 42 Resp: 823

Ion Ratio Lower Upper

42 100

72 48.6 46.5 69.7

71 36.3 44.5 66.7#



#31

Cyclohexane

Concen: 1.581 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

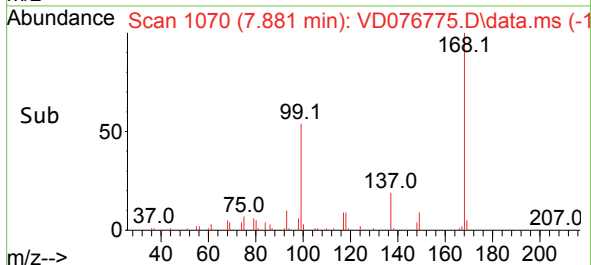
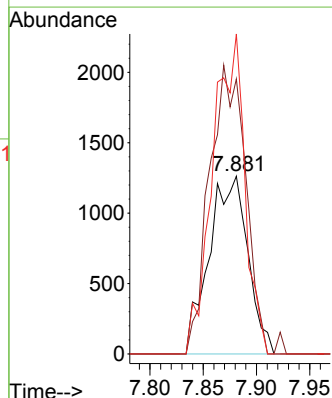
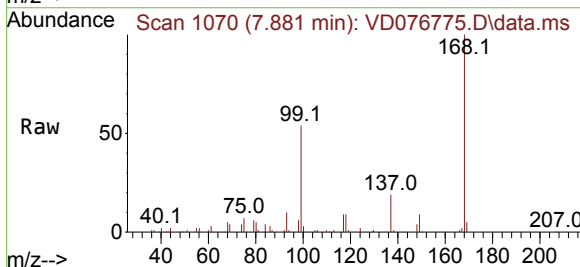
Tgt Ion: 56 Resp: 3200

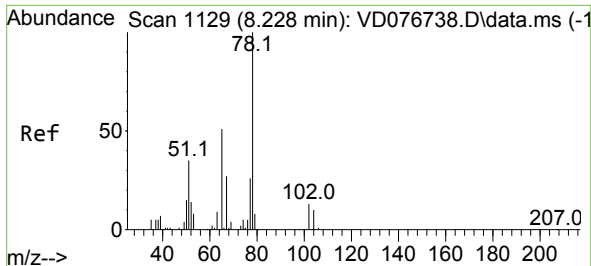
Ion Ratio Lower Upper

56 100

69 154.7 28.6 43.0#

84 180.0 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 69.109 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

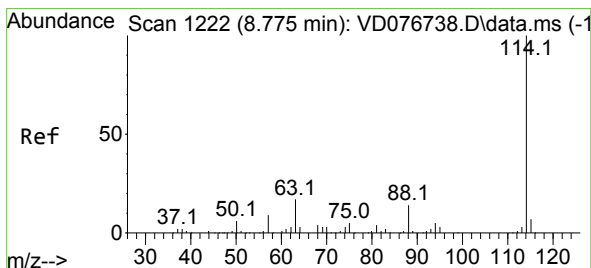
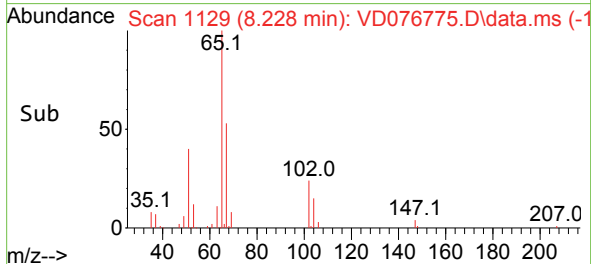
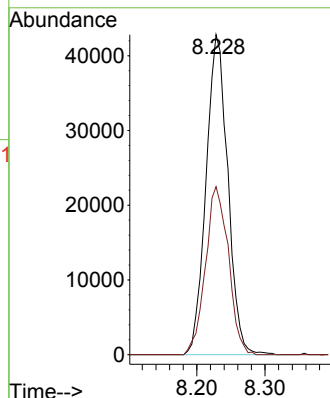
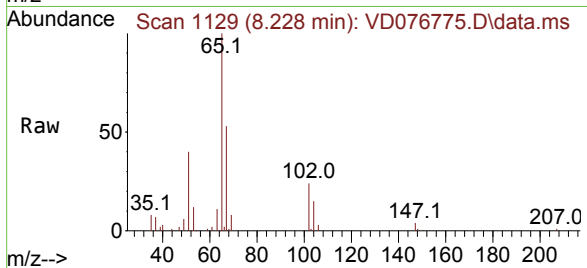
TP18

Tgt Ion: 65 Resp: 95075

Ion Ratio Lower Upper

65 100

67 55.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

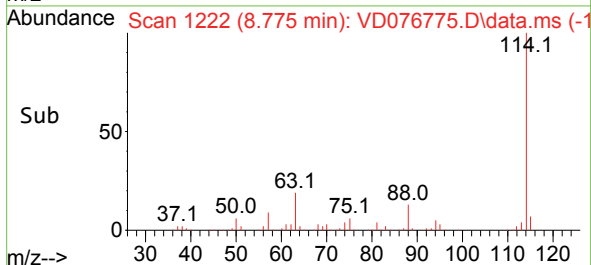
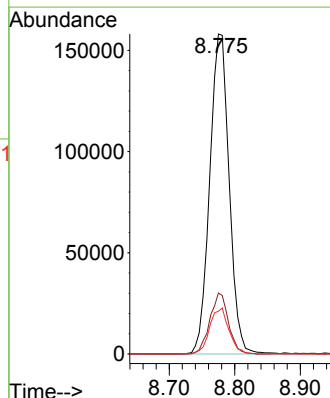
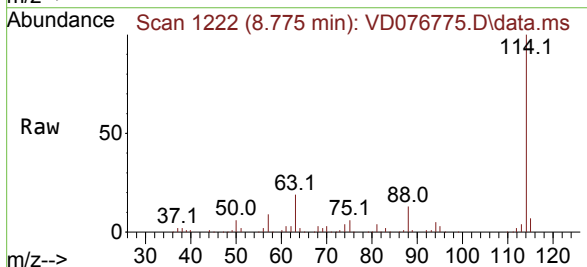
Tgt Ion: 114 Resp: 326288

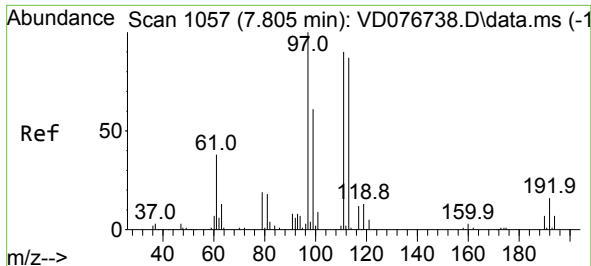
Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.305 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

TP18

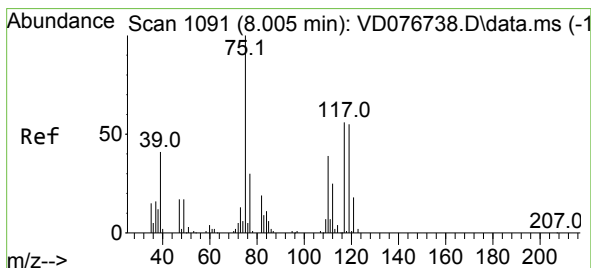
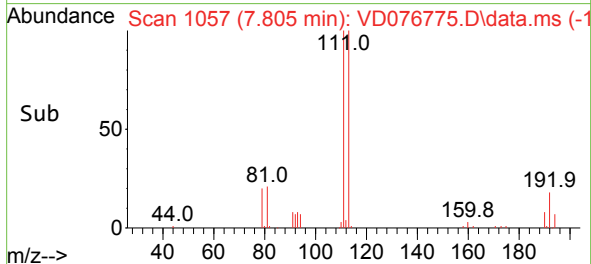
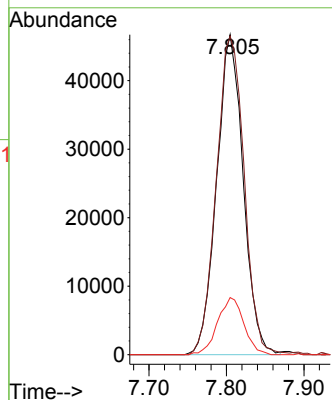
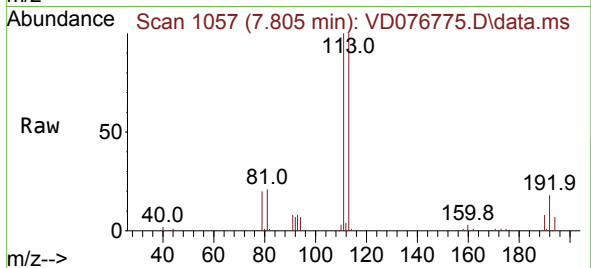
Tgt Ion:113 Resp: 111348

Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 17.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076775.D

Acq: 18 Jul 2023 13:52

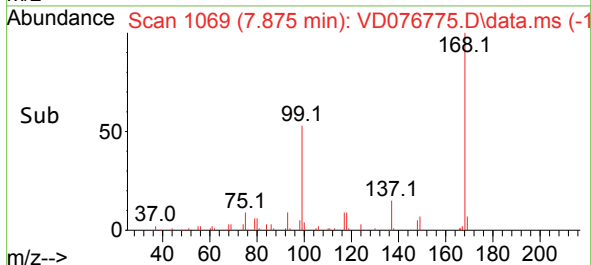
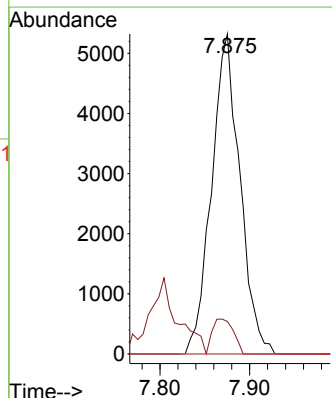
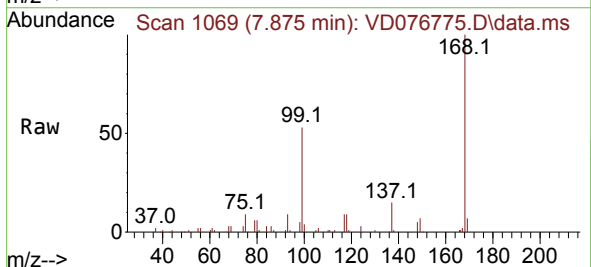
Tgt Ion: 75 Resp: 11668

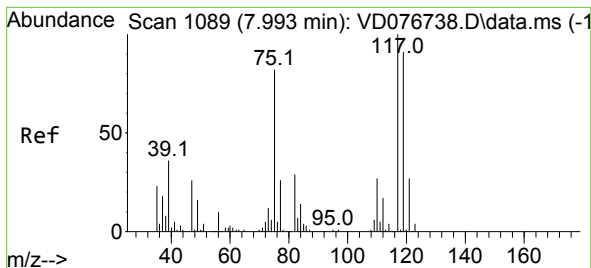
Ion Ratio Lower Upper

75 100

110 8.1 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.450 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.130 min

Lab File: VD076775.D

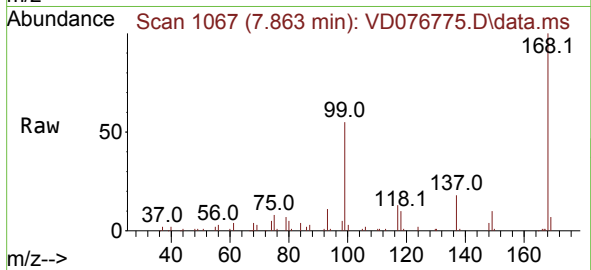
Acq: 18 Jul 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

TP18



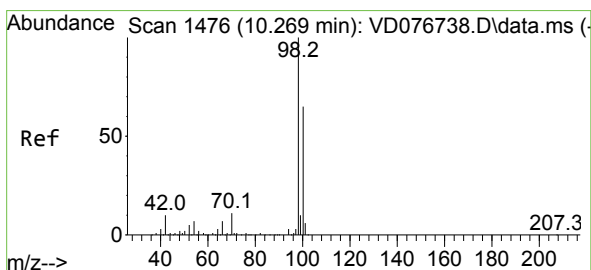
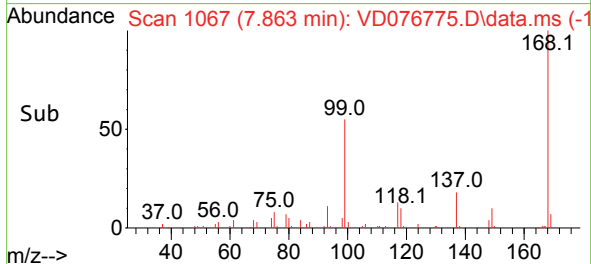
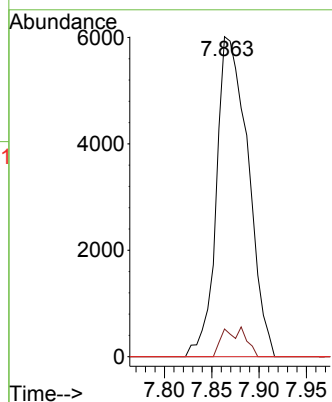
Tgt Ion:117 Resp: 13983

Ion Ratio Lower Upper

117 100

119 8.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 55.797 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076775.D

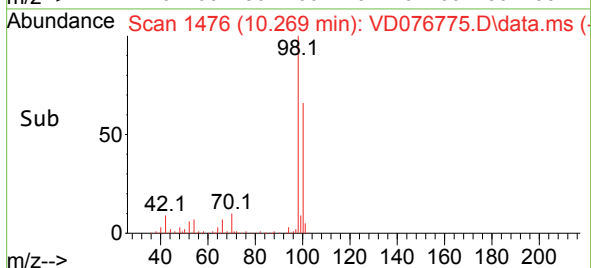
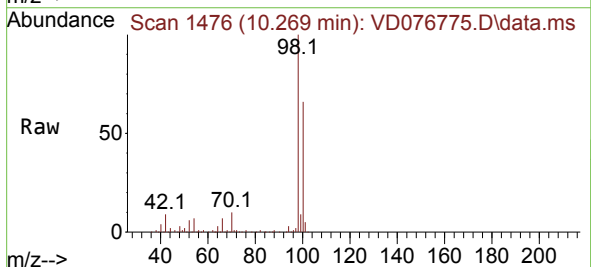
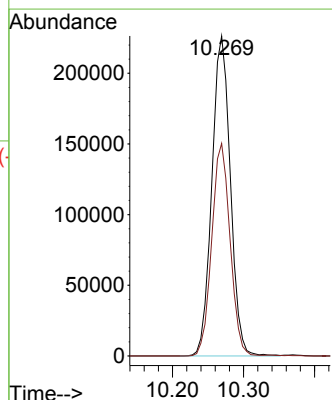
Acq: 18 Jul 2023 13:52

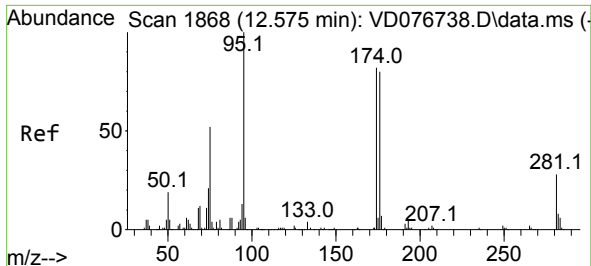
Tgt Ion: 98 Resp: 409278

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

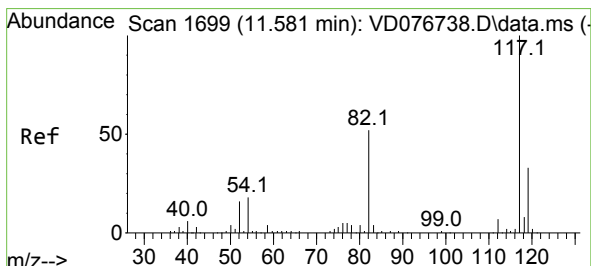
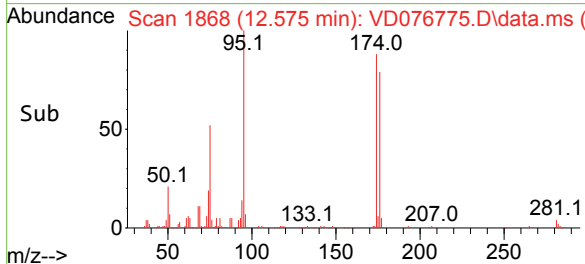
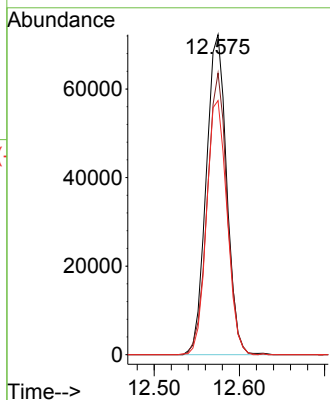
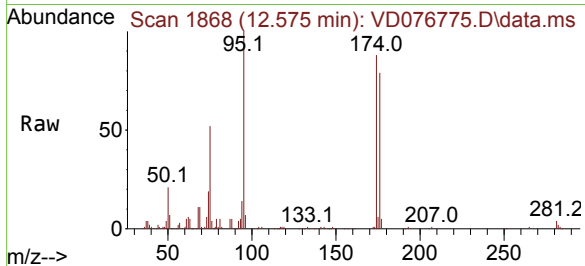




#62
4-Bromofluorobenzene
Concen: 50.724 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

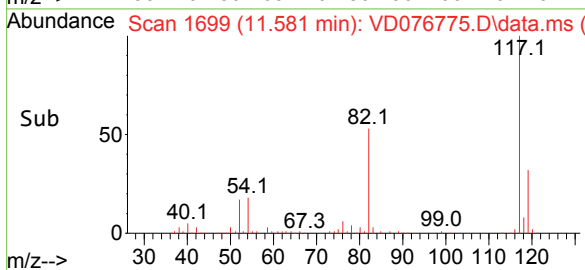
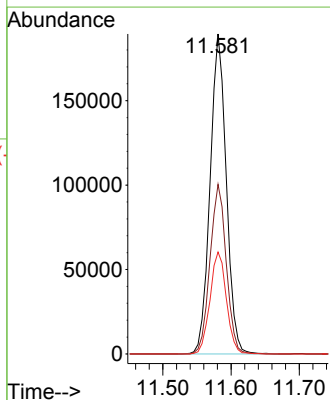
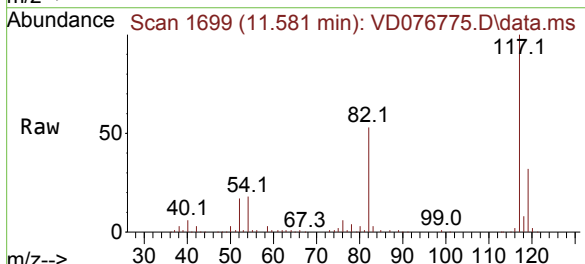
Instrument :
MSVOA_D
ClientSampleId :
TP18

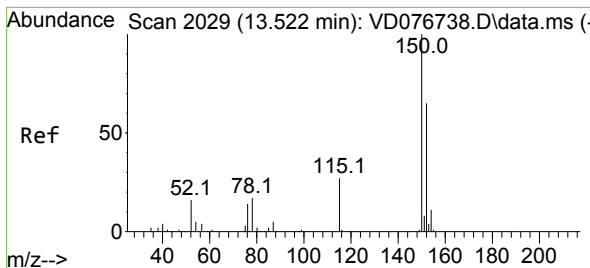
Tgt Ion: 95 Resp: 120364
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 79.5 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076775.D
Acq: 18 Jul 2023 13:52

Tgt Ion: 117 Resp: 313394
Ion Ratio Lower Upper
117 100
82 53.0 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: VD076775.D

Acq: 18 Jul 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

TP18

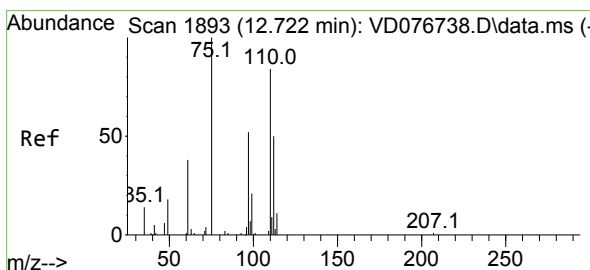
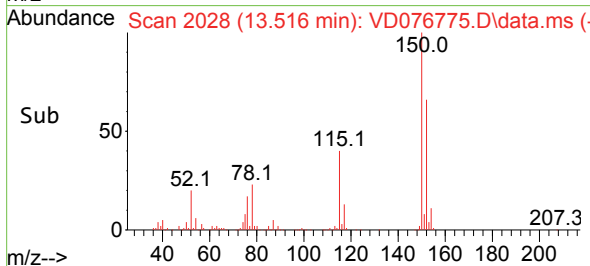
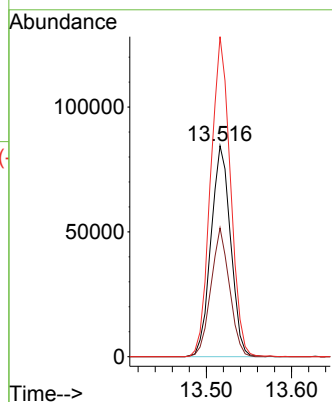
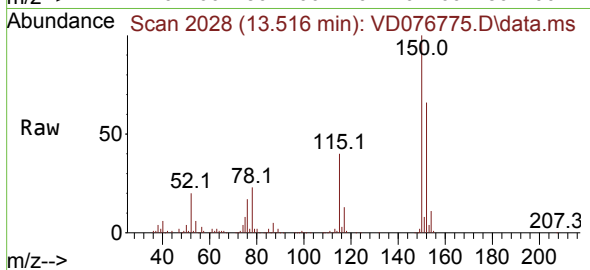
Tgt Ion:152 Resp: 135263

Ion Ratio Lower Upper

152 100

115 57.6 27.1 81.3

150 152.5 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 47.902 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076775.D

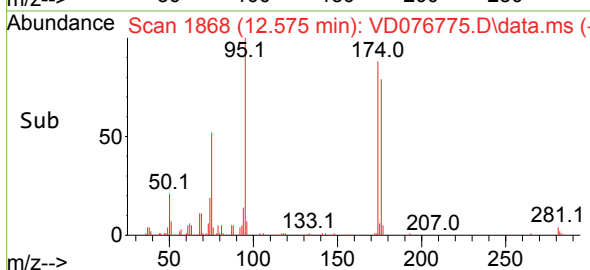
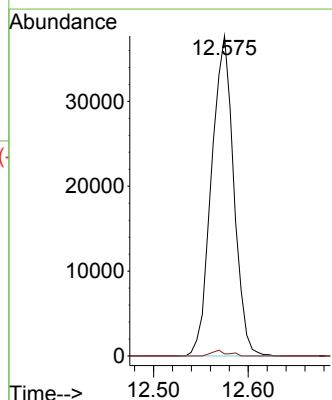
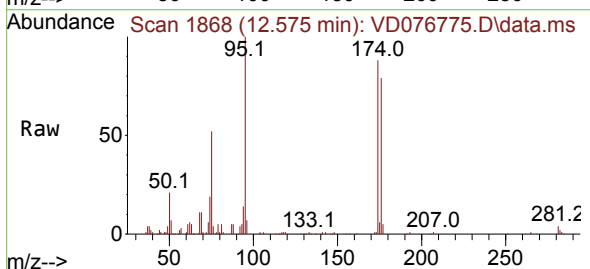
Acq: 18 Jul 2023 13:52

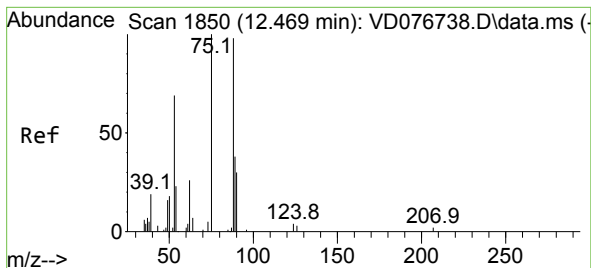
Tgt Ion: 75 Resp: 61618

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.948 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076775.D
 Acq: 18 Jul 2023 13:52

Instrument :
 MSVOA_D
 ClientSampleId :
 TP18

Tgt Ion: 75 Resp: 61618
 Ion Ratio Lower Upper
 75 100
 53 0.2 63.0 94.4#
 89 0.0 37.9 56.9#

