

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011077.D
 Acq On : 24 Oct 2022 18:15
 Operator : KP/MD
 Sample : N5238-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2673

Quant Time: Oct 25 05:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

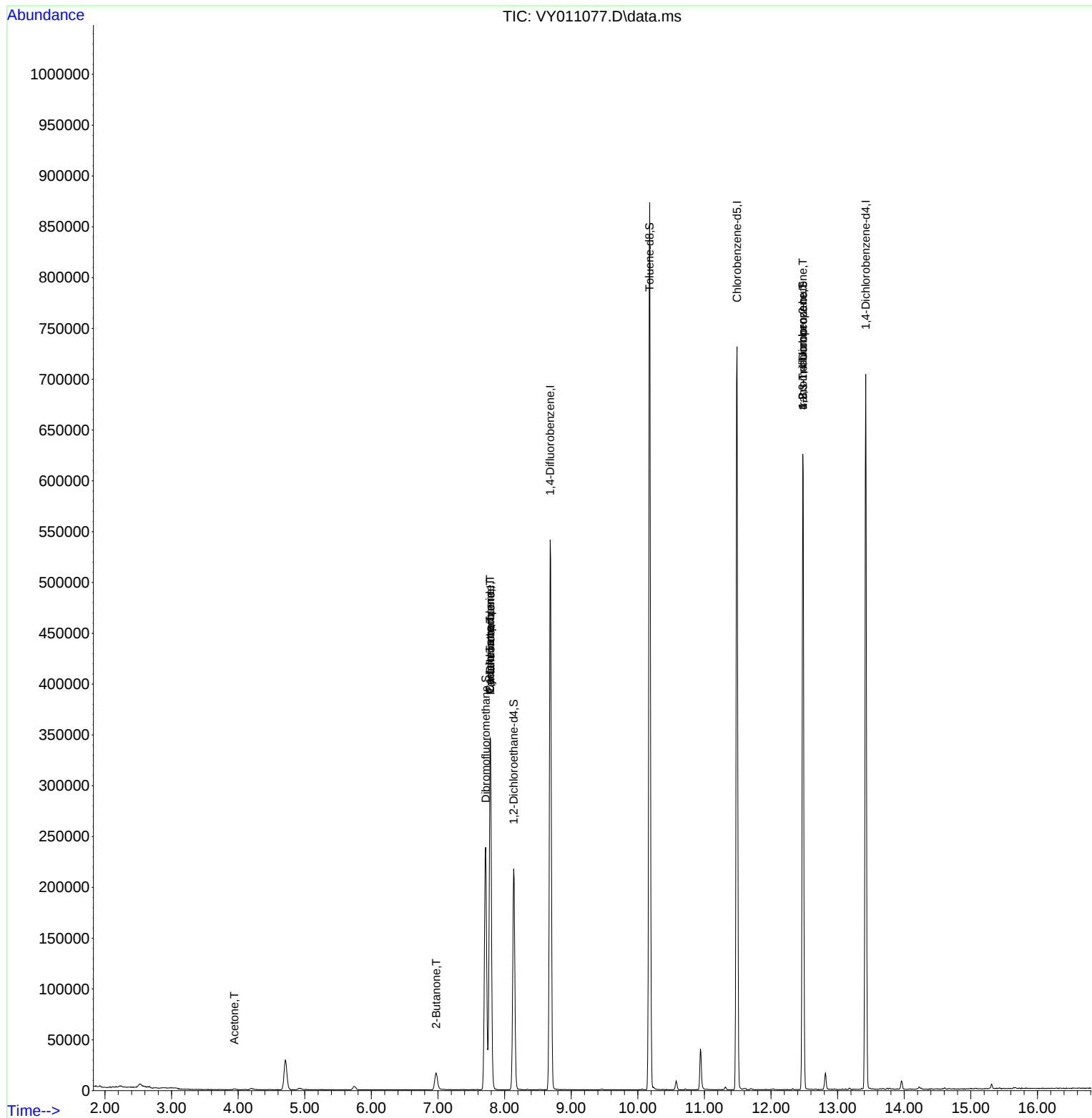
Internal Standards						
1) Pentafluorobenzene	7.789	168	277166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	414299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164351	64.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.740%	
35) Dibromofluoromethane	7.716	113	171363	65.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.060%	
50) Toluene-d8	10.179	98	584342	58.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.220%	
62) 4-Bromofluorobenzene	12.477	95	195002	55.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	861	Below Cal	#	77
16) Acetone	3.942	43	1451	1.957	ug/l	90
18) Methyl Acetate	4.491	43	339	Below Cal	#	56
25) 2-Butanone	6.972	43	1554	1.382	ug/l	95
31) Cyclohexane	7.783	56	5203	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20678	4.652	ug/l #	50
38) Carbon Tetrachloride	7.783	117	27044	5.894	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	96630	46.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	96630	100.014	ug/l #	7

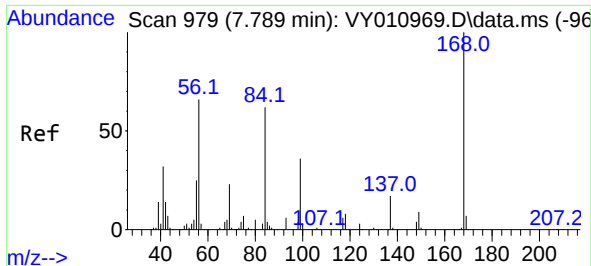
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011077.D
Acq On : 24 Oct 2022 18:15
Operator : KP/MD
Sample : N5238-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2673

Quant Time: Oct 25 05:47:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

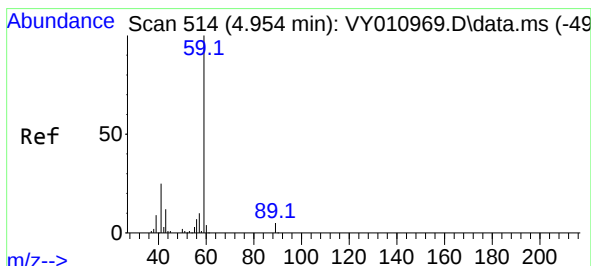
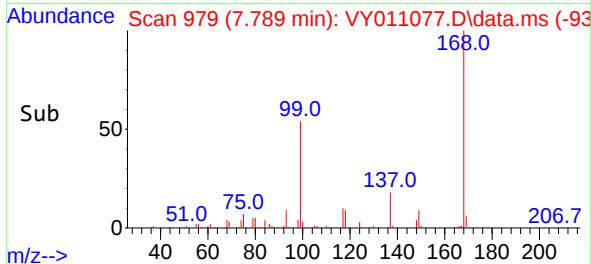
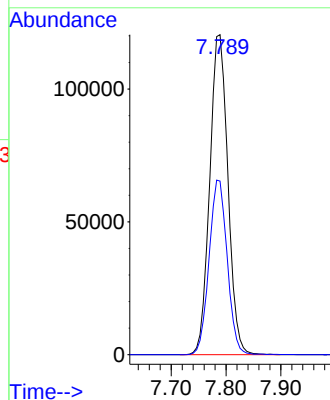
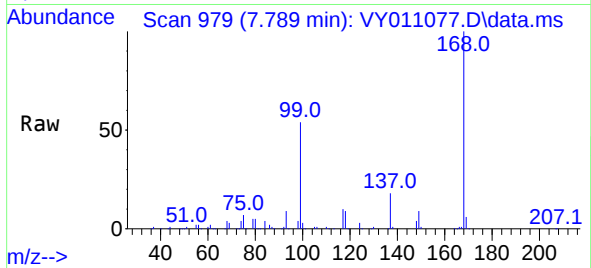




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

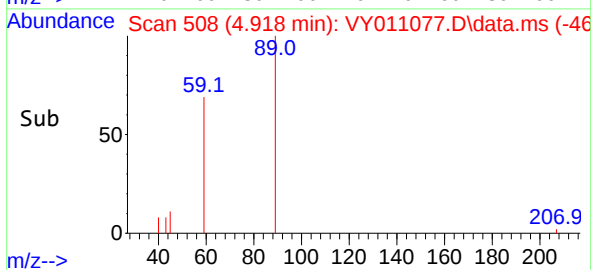
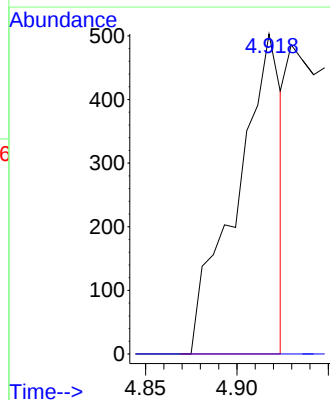
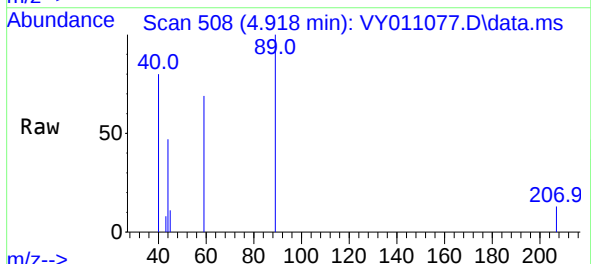
Instrument :
MSVOA_Y
ClientSampleId :
2673

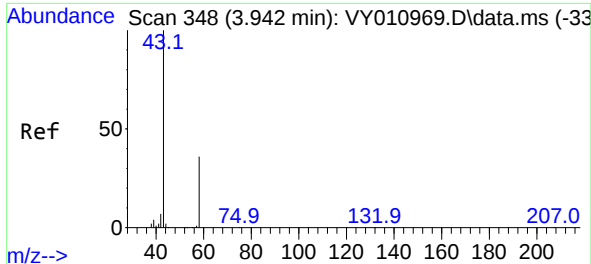
Tgt Ion:168 Resp: 277166
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 59 Resp: 861
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.957 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

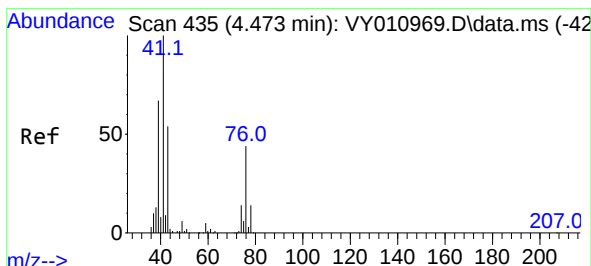
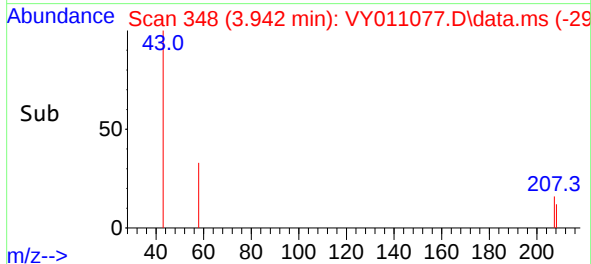
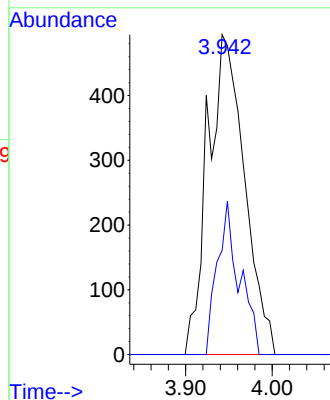
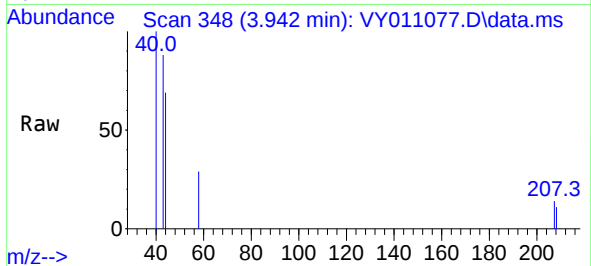
2673

Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

43 100

58 32.6 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 438

Delta R.T. 0.018 min

Lab File: VY011077.D

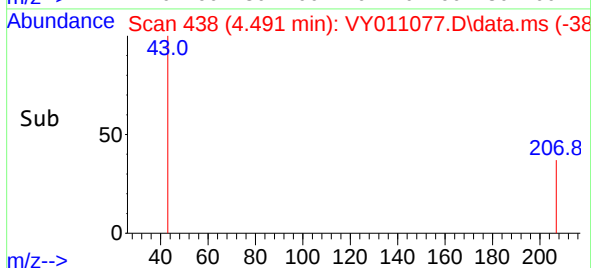
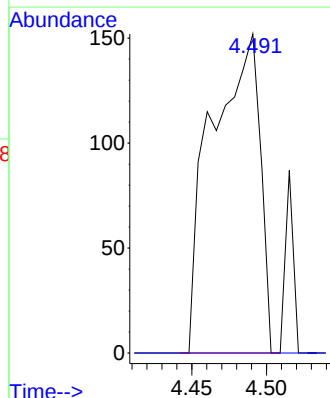
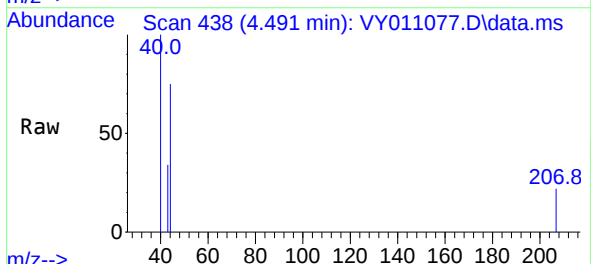
Acq: 24 Oct 2022 18:15

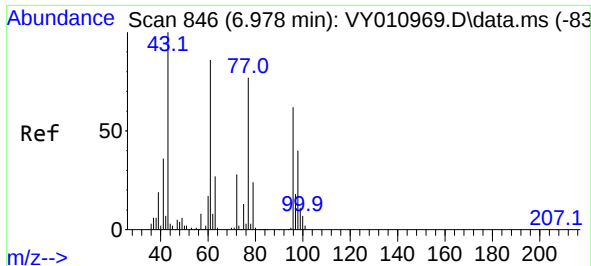
Tgt Ion: 43 Resp: 339

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 1.382 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

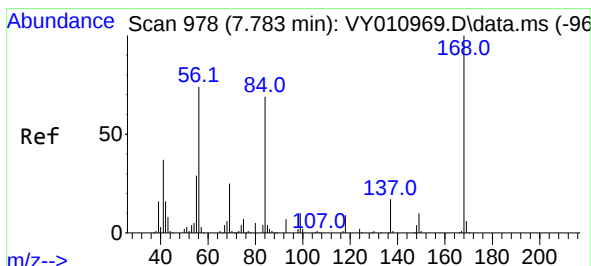
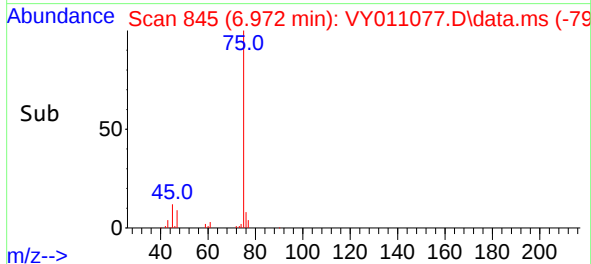
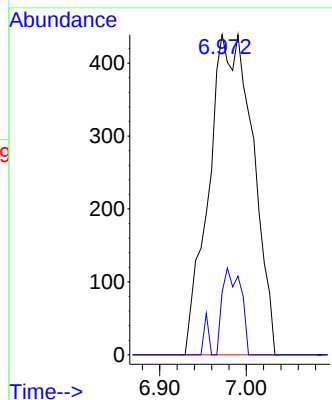
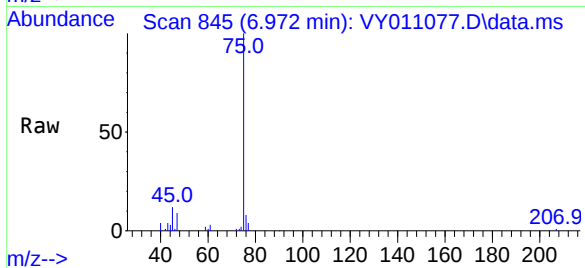
2673

Tgt Ion: 43 Resp: 1554

Ion Ratio Lower Upper

43 100

72 19.6 17.7 26.5



#31

Cyclohexane

Concen: 1.065 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

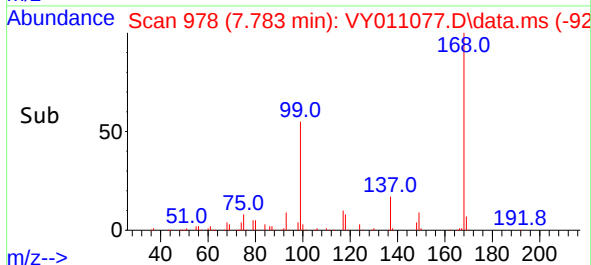
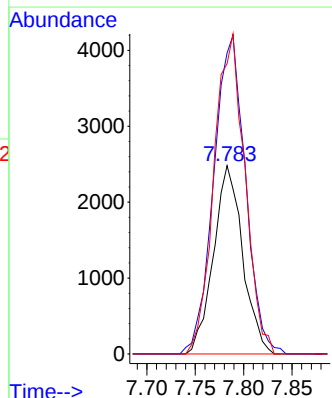
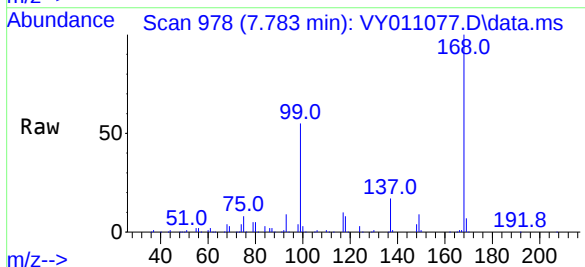
Tgt Ion: 56 Resp: 5203

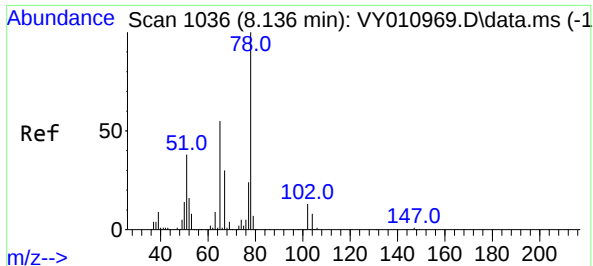
Ion Ratio Lower Upper

56 100

69 159.8 26.7 40.1#

84 154.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.373 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

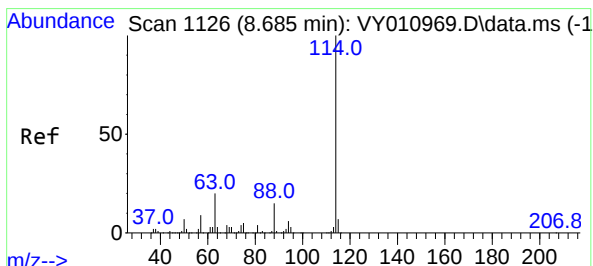
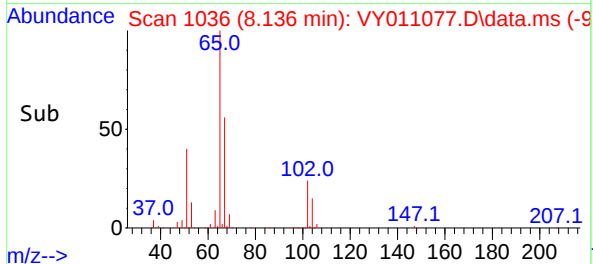
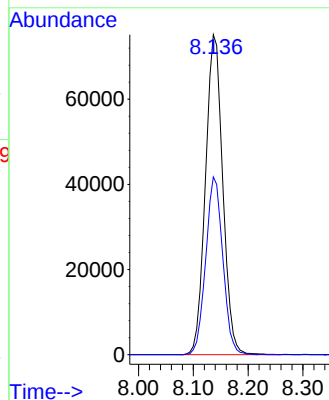
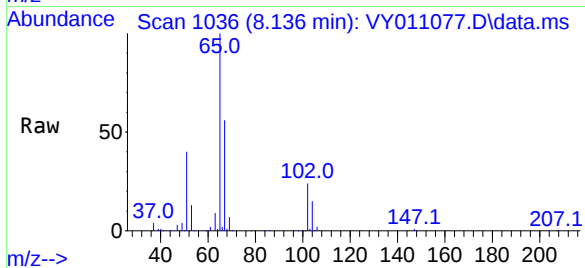
2673

Tgt Ion: 65 Resp: 164351

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011077.D

Acq: 24 Oct 2022 18:15

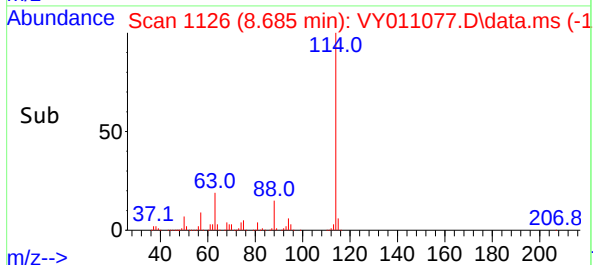
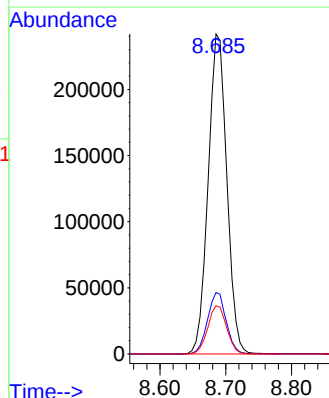
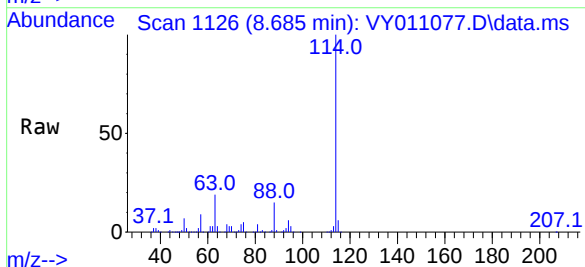
Tgt Ion: 114 Resp: 477524

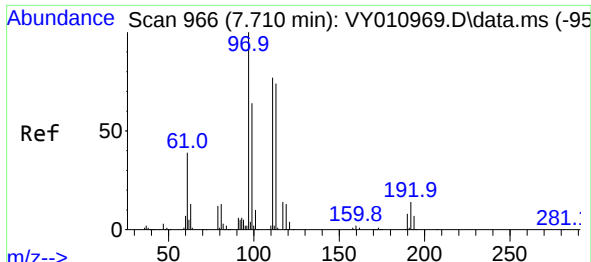
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8

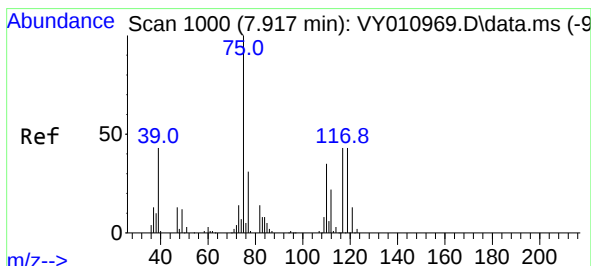
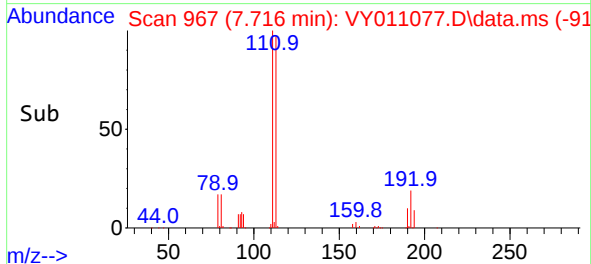
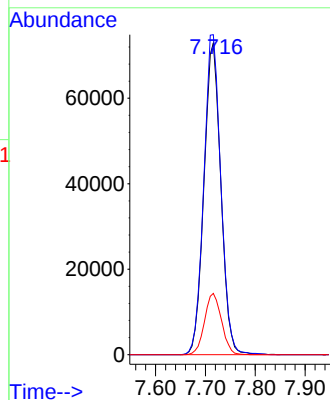
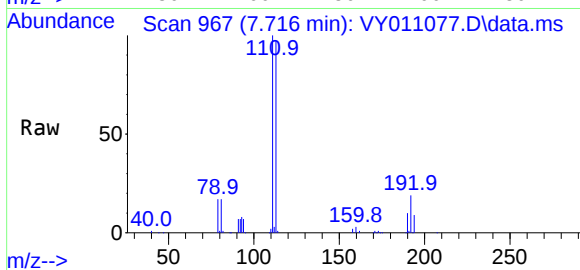




#35
Dibromofluoromethane
Concen: 65.025 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

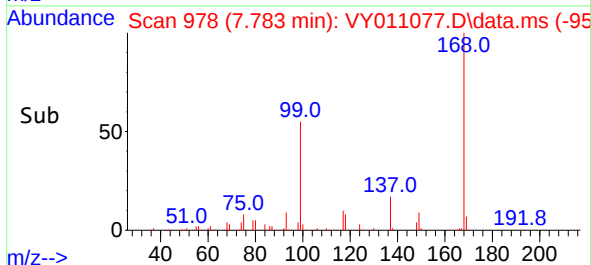
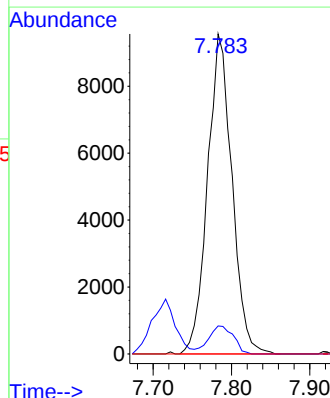
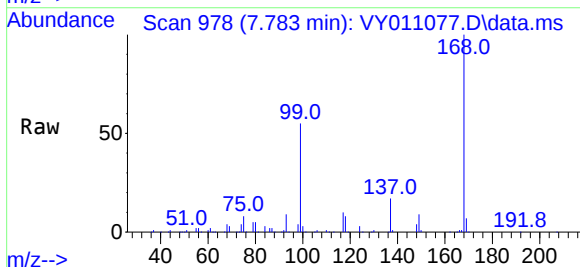
Instrument :
MSVOA_Y
ClientSampleId :
2673

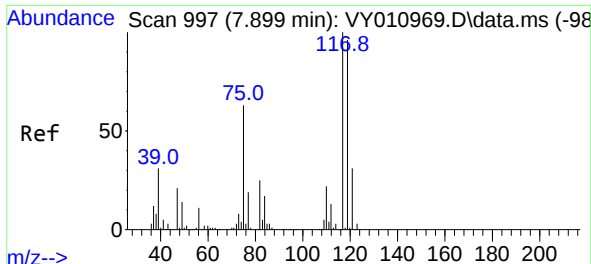
Tgt Ion:113 Resp: 171363
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 75 Resp: 20678
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

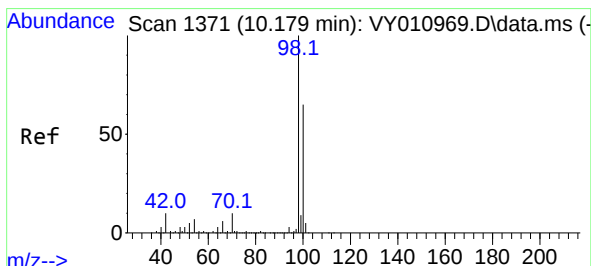
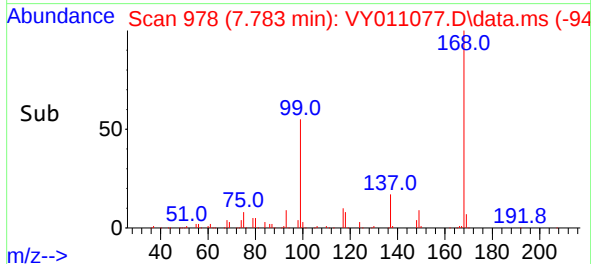
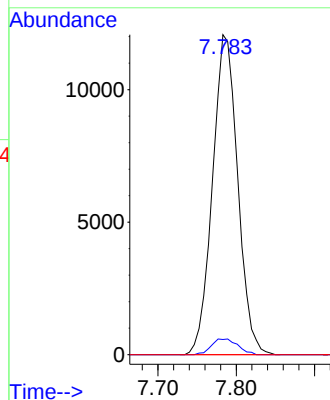
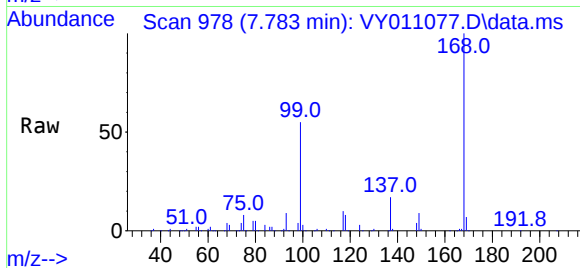




#38
Carbon Tetrachloride
Concen: 5.894 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

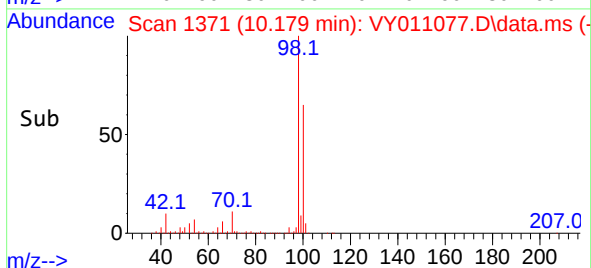
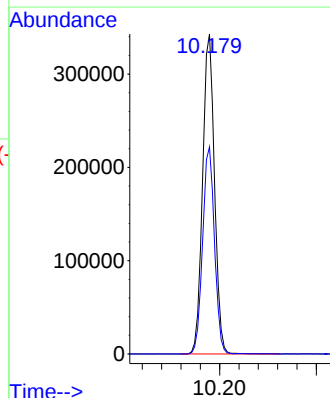
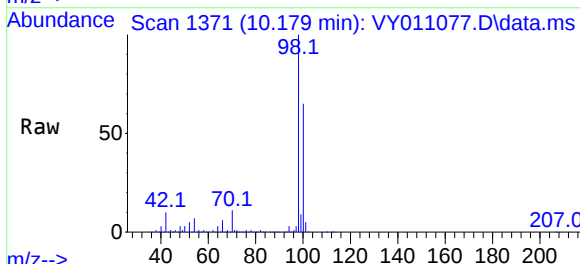
Instrument :
MSVOA_Y
ClientSampleId :
2673

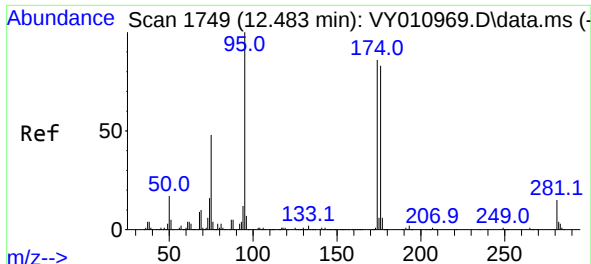
Tgt Ion:117 Resp: 27044
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.606 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 98 Resp: 584342
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

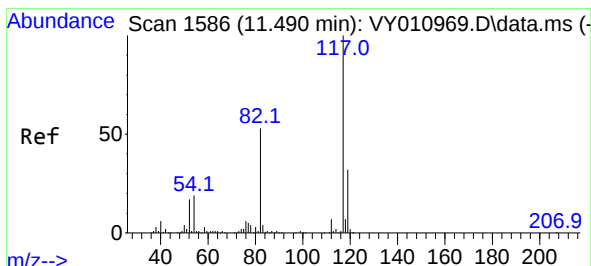
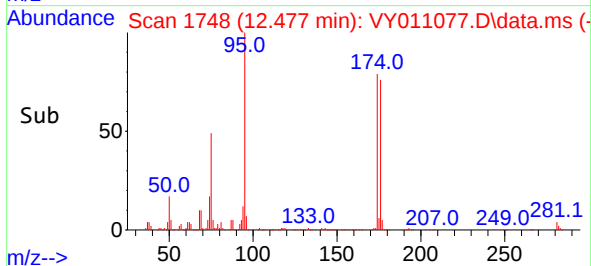
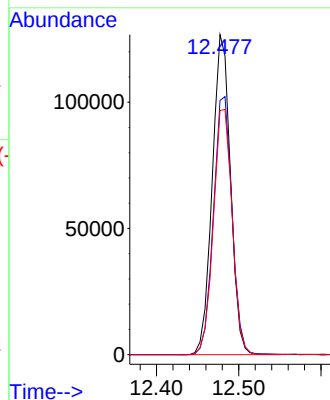
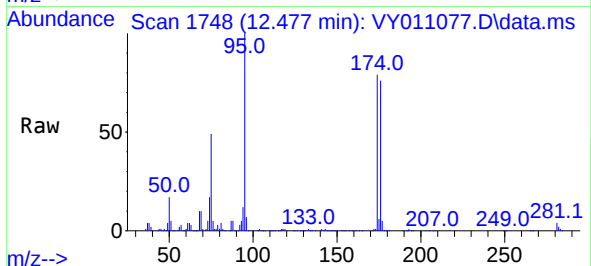




#62
4-Bromofluorobenzene
Concen: 55.553 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

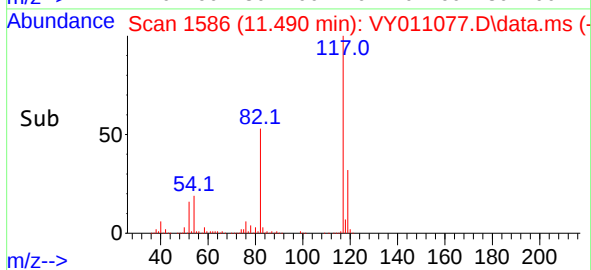
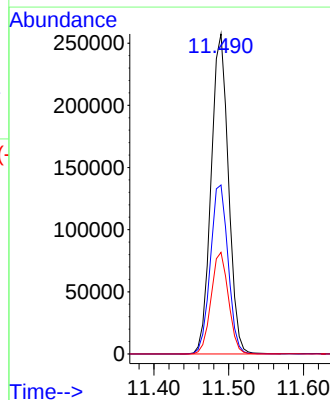
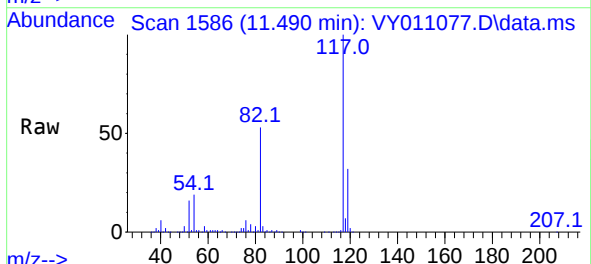
Instrument :
MSVOA_Y
ClientSampleId :
2673

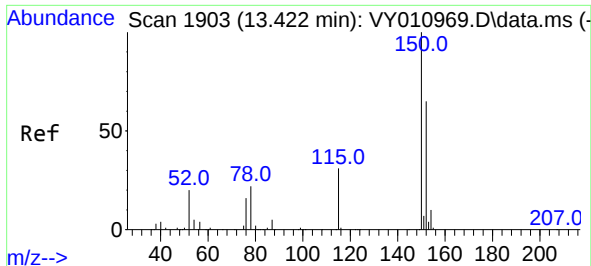
Tgt Ion: 95 Resp: 195002
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

Tgt Ion: 117 Resp: 414299
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.7 25.4 38.0

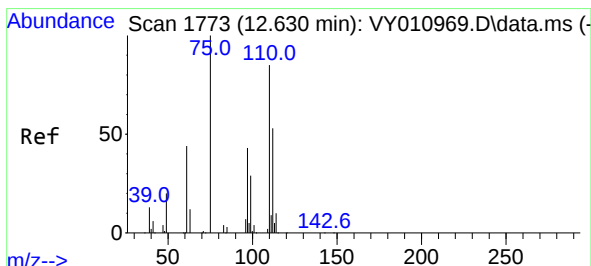
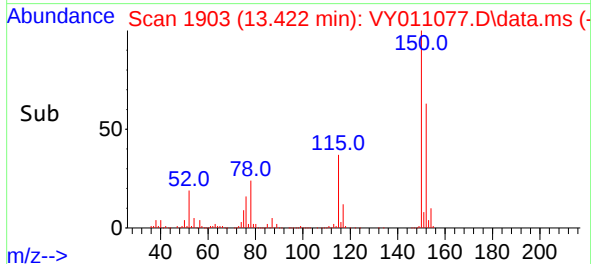
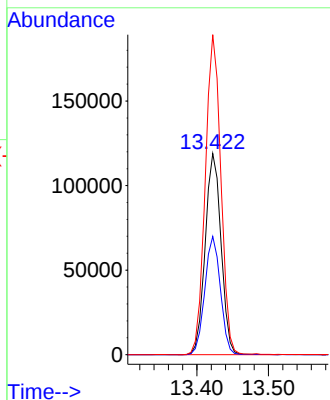
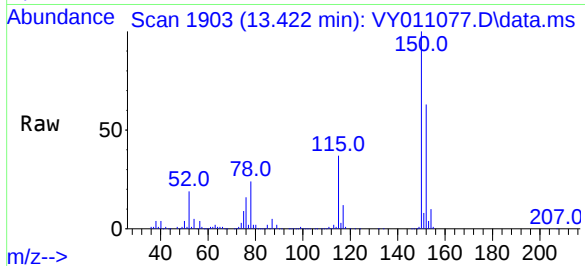




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

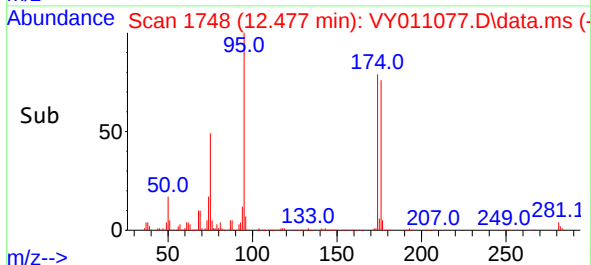
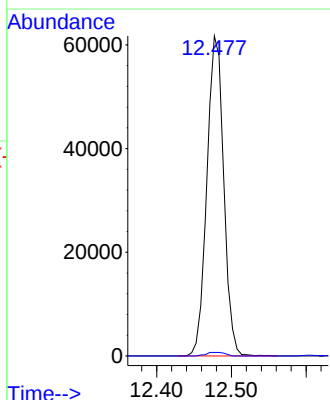
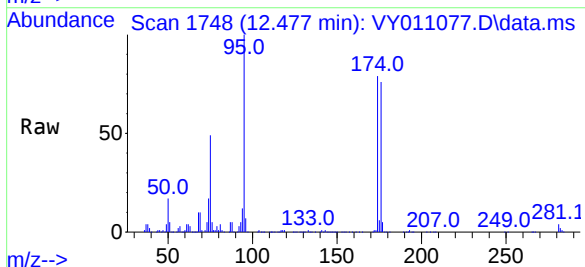
Instrument :
MSVOA_Y
ClientSampleId :
2673

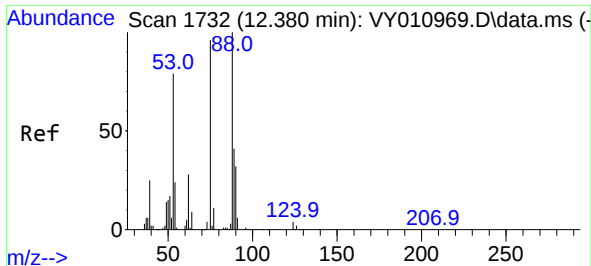
Tgt Ion:152 Resp: 183028
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.502 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011077.D
Acq: 24 Oct 2022 18:15

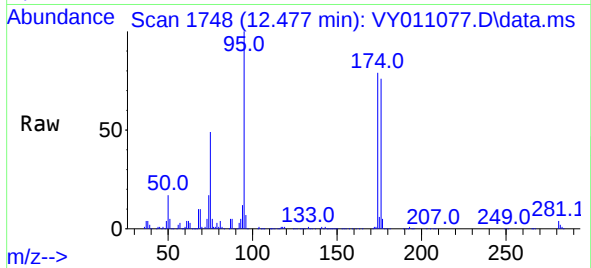
Tgt Ion: 75 Resp: 96630
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.014 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011077.D
 Acq: 24 Oct 2022 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 2673



Tgt Ion: 75 Resp: 96630
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

