

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013609.D
 Acq On : 04 May 2023 18:46
 Operator : KP/MD
 Sample : 02588-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-D-3-6-05022023

Quant Time: May 05 01:01:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

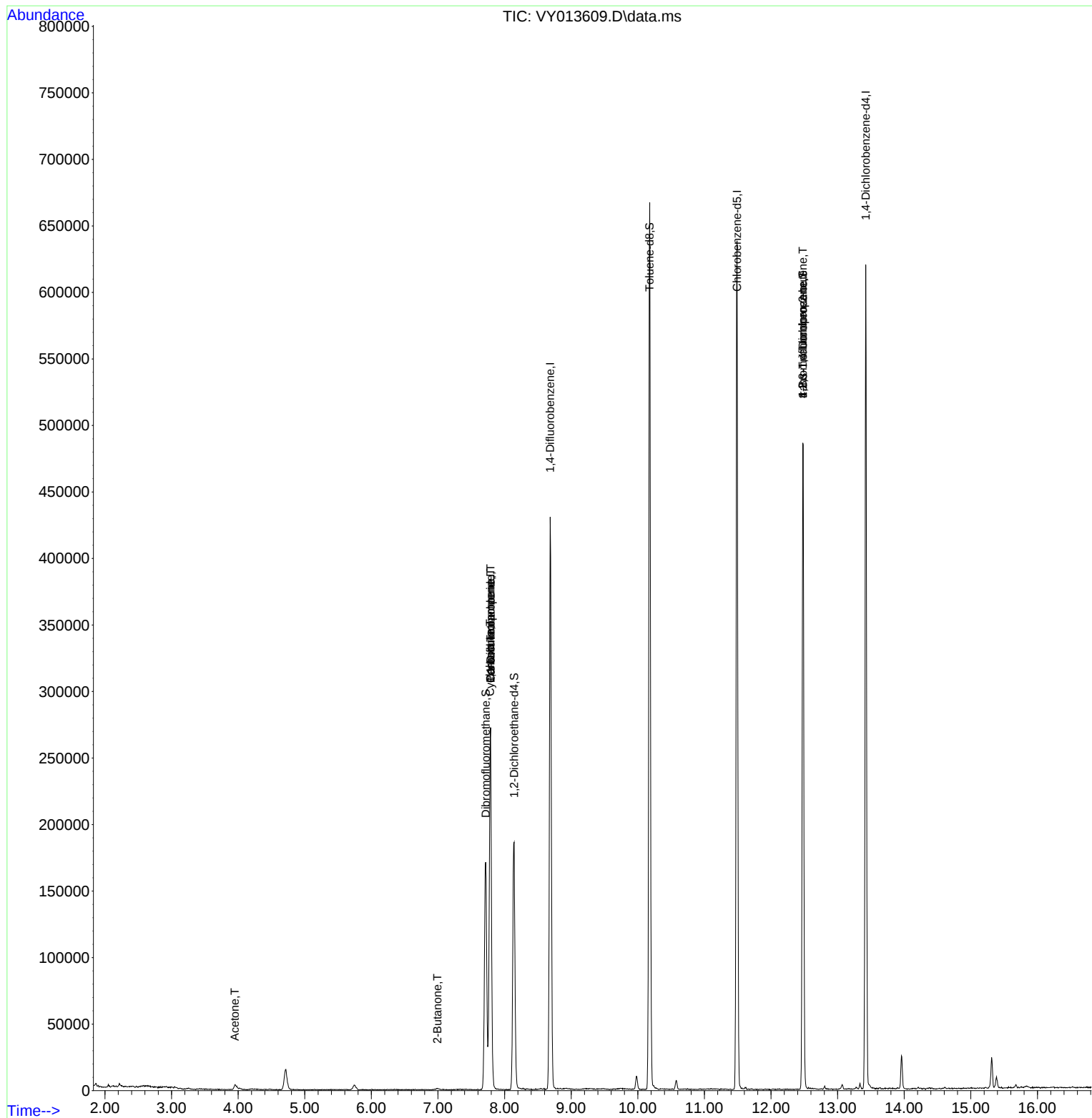
Internal Standards						
1) Pentafluorobenzene	7.789	168	210328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	157509	68.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.620%	
35) Dibromofluoromethane	7.716	113	120015	54.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.179	98	437813	55.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.477	95	140104	52.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
13) Acrolein	3.796	56	29	Below Cal	#	16
16) Acetone	3.948	43	7288	8.027	ug/l #	85
20) Methylene Chloride	4.710	84	11004	Below Cal		92
25) 2-Butanone	6.990	43	1544	1.341	ug/l #	87
31) Cyclohexane	7.783	56	4878	1.182	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	15737	4.267	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20849	5.394	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	76337	36.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76337	74.935	ug/l #	13

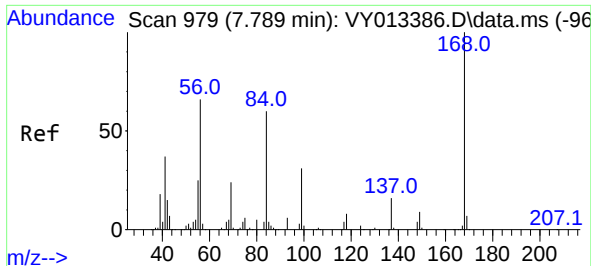
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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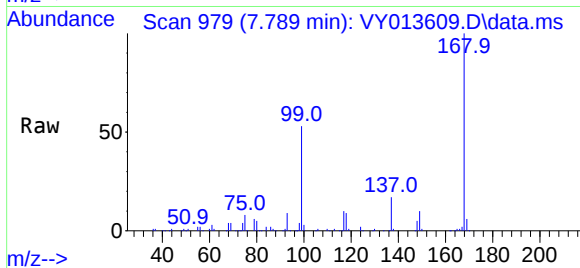
Quant Time: May 05 01:01:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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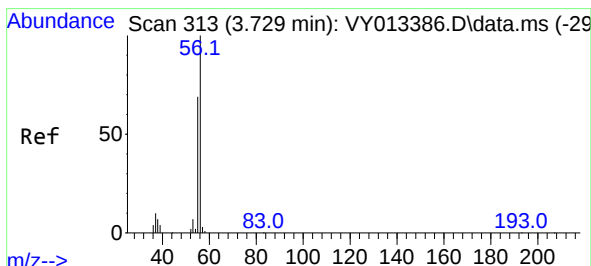
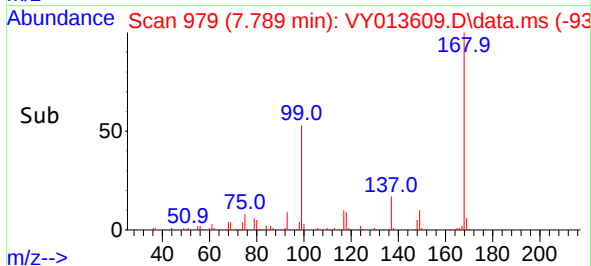
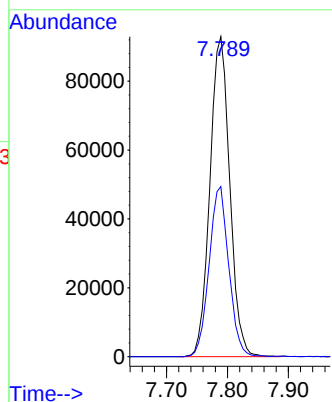


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

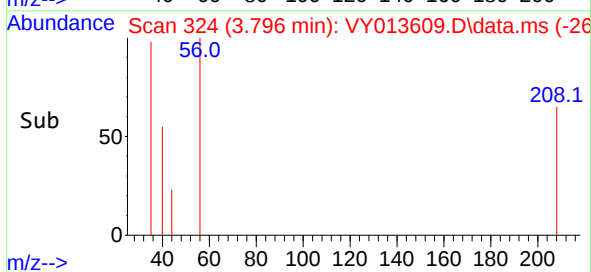
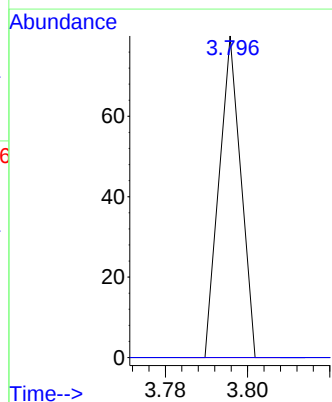
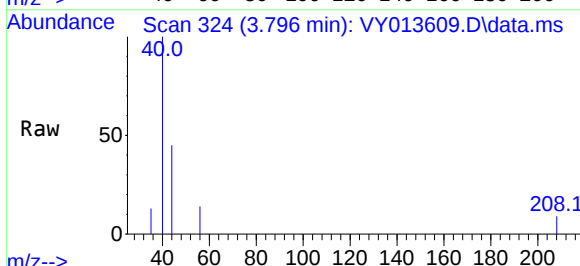


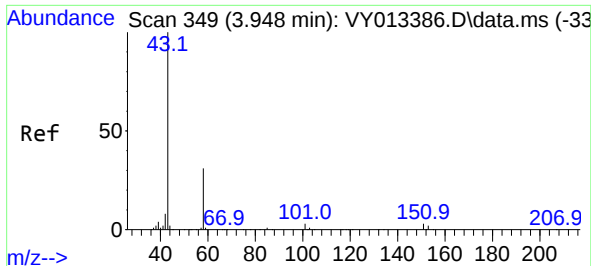
Tgt Ion:168 Resp: 210328
Ion Ratio Lower Upper
168 100
99 53.1 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.796 min Scan# 324
Delta R.T. 0.067 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

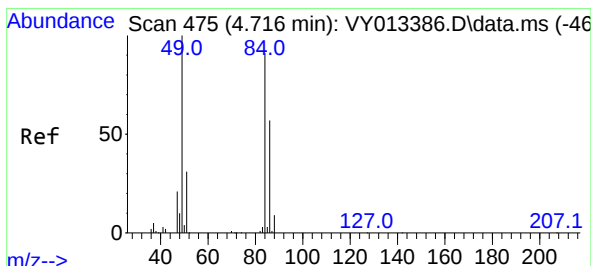
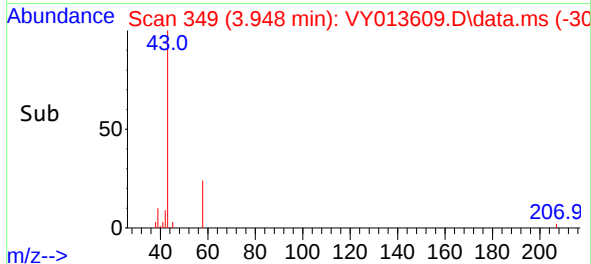
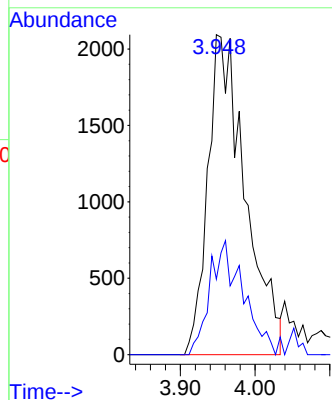
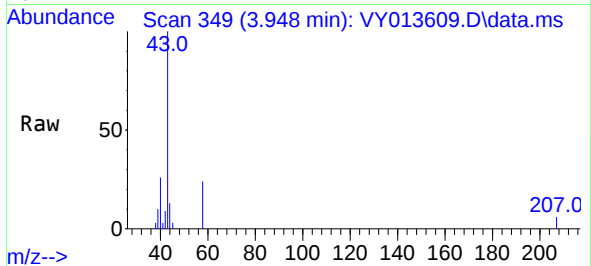




#16
Acetone
Concen: 8.027 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

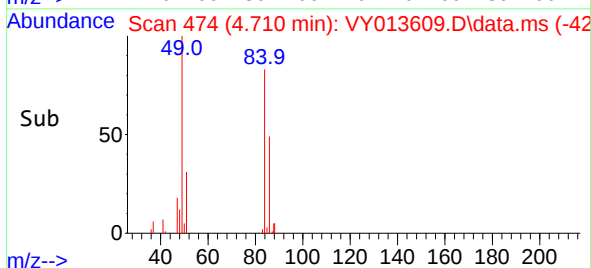
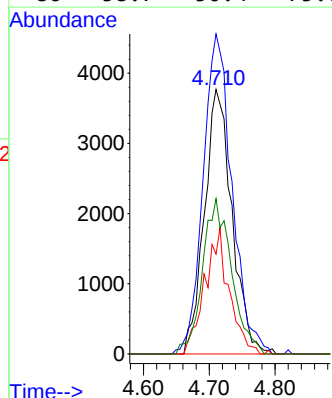
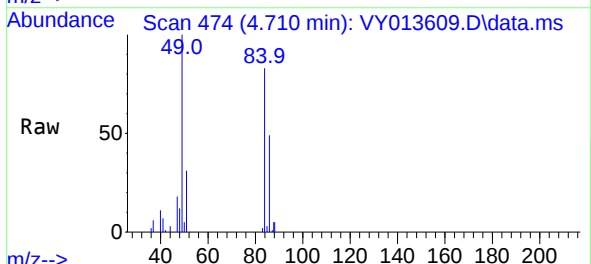
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

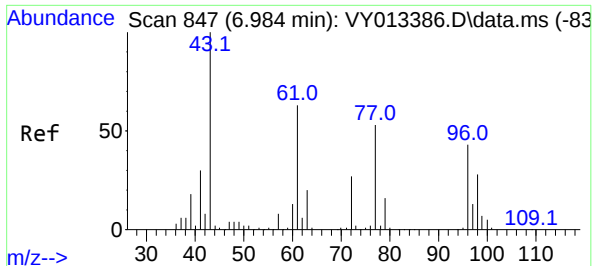
Tgt Ion: 43 Resp: 7288
Ion Ratio Lower Upper
43 100
58 23.6 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Tgt Ion: 84 Resp: 11004
Ion Ratio Lower Upper
84 100
49 121.0 88.0 132.0
51 37.7 27.4 41.0
86 58.7 50.4 75.6

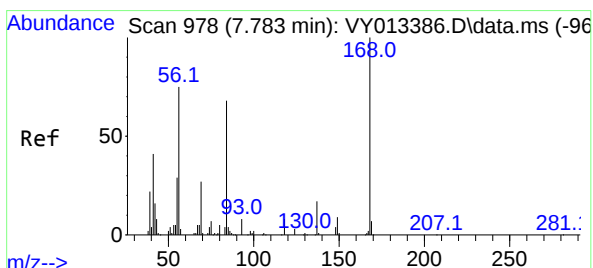
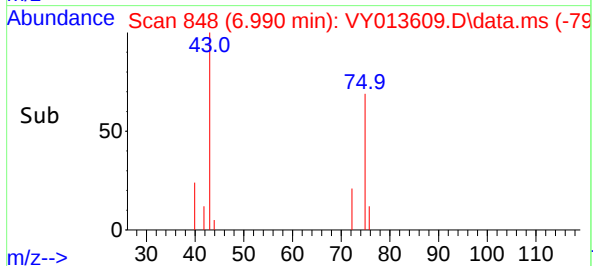
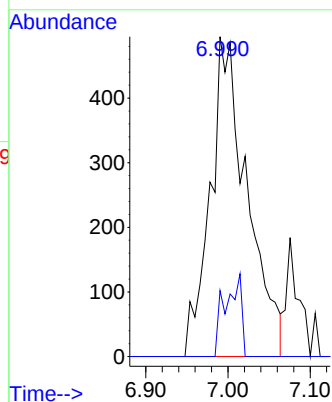
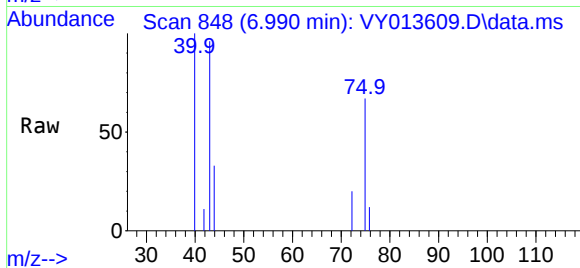




#25
2-Butanone
Concen: 1.341 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

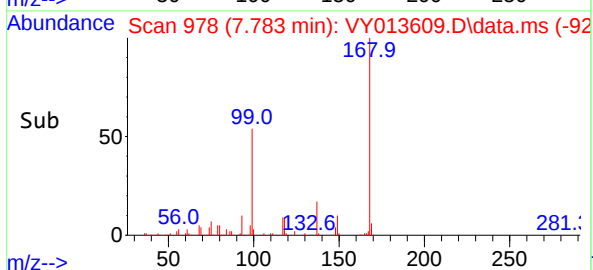
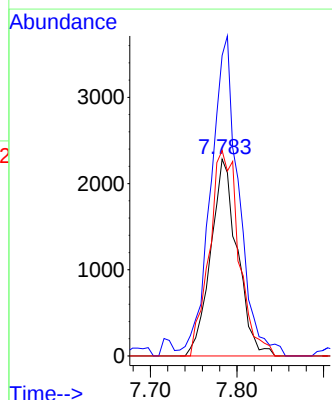
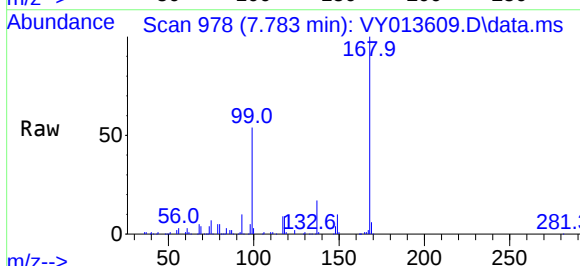
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

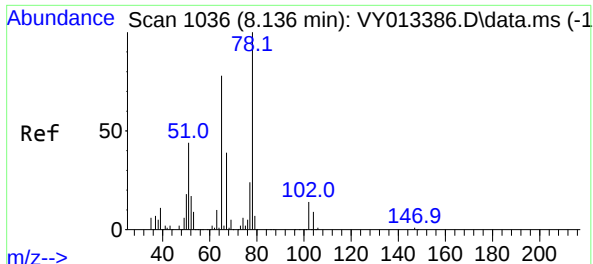
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
72 20.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Tgt Ion: 56 Resp: 4878
Ion Ratio Lower Upper
56 100
69 149.5 29.2 43.8#
84 104.4 73.0 109.6





#33

1,2-Dichloroethane-d4

Concen: 68.314 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013609.D

Acq: 04 May 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

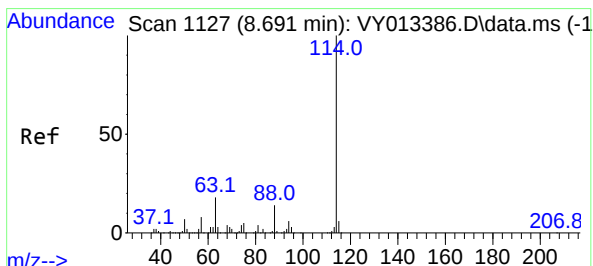
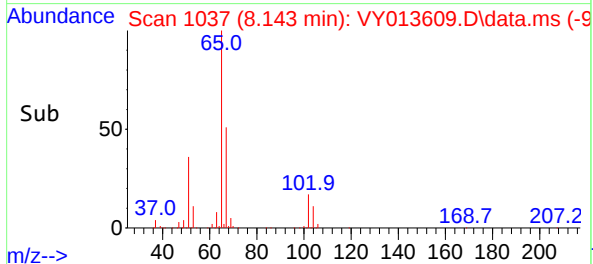
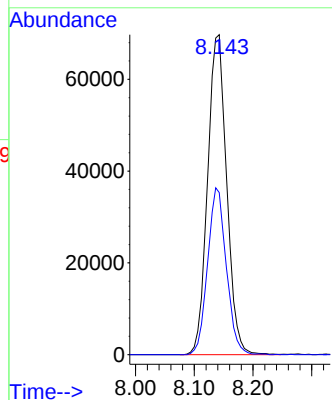
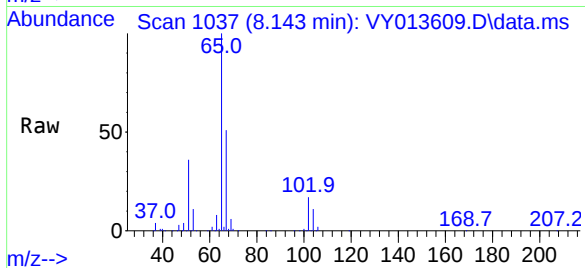
ZONE-D-3-6-05022023

Tgt Ion: 65 Resp: 157509

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013609.D

Acq: 04 May 2023 18:46

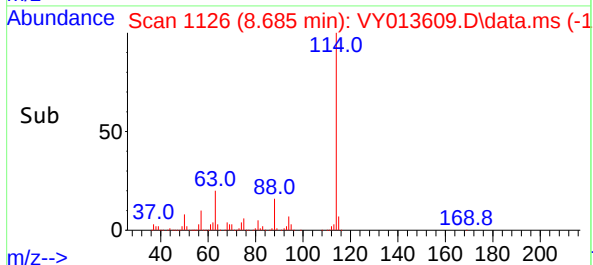
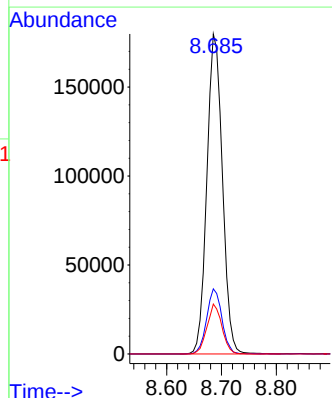
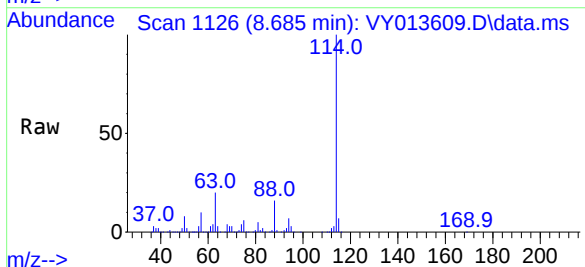
Tgt Ion: 114 Resp: 353310

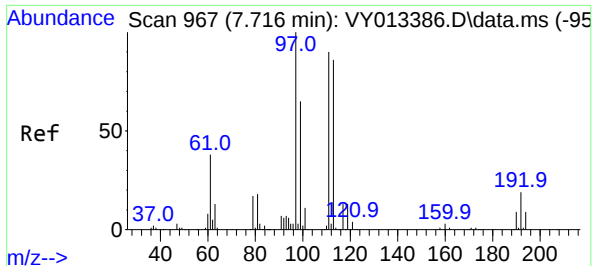
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 15.6 0.0 28.8

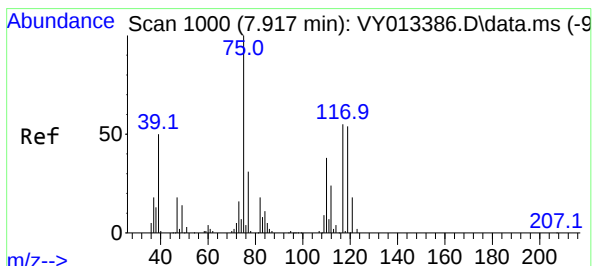
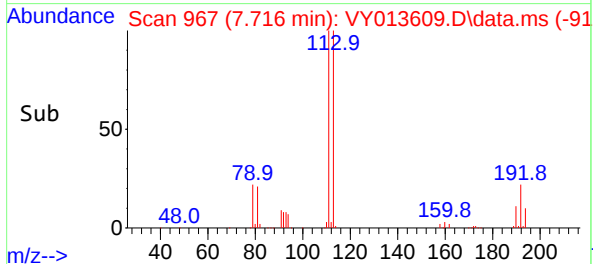
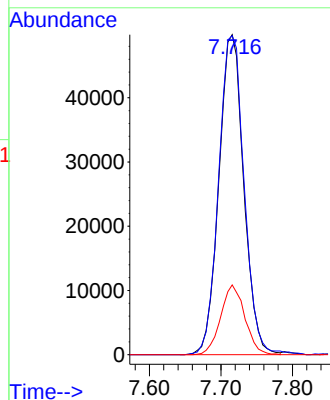
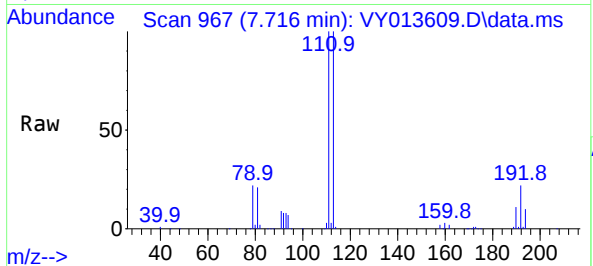




#35
Dibromofluoromethane
Concen: 54.008 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

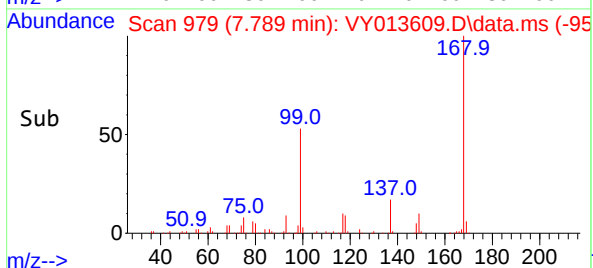
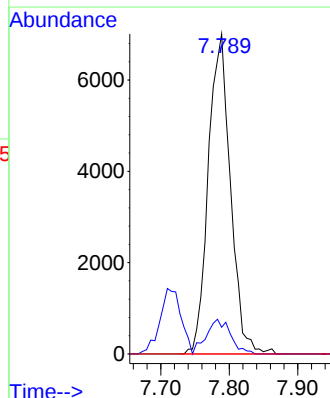
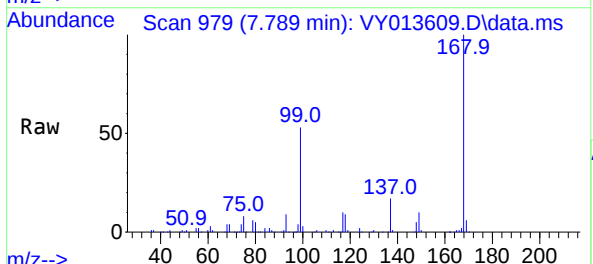
Instrument :
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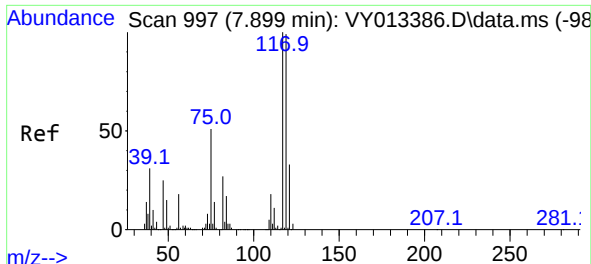
Tgt Ion:113 Resp: 120015
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.267 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

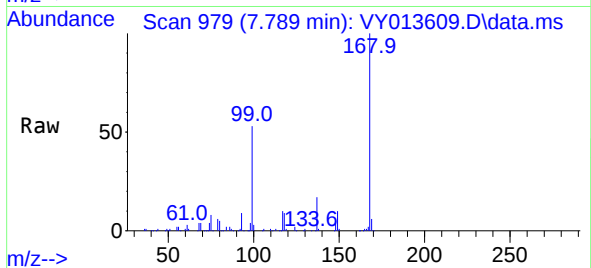
Tgt Ion: 75 Resp: 15737
Ion Ratio Lower Upper
75 100
110 11.8 18.7 56.1#
77 0.0 24.6 37.0#



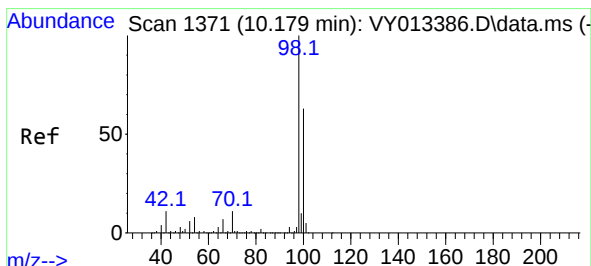
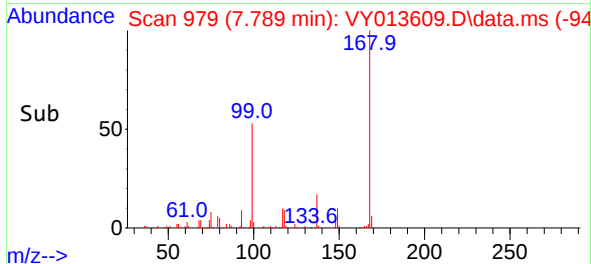
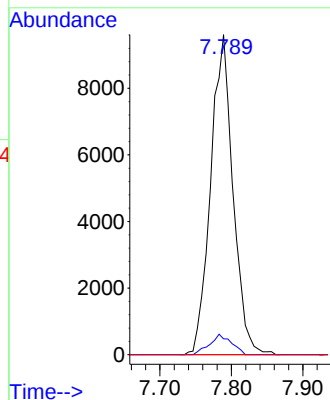


#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

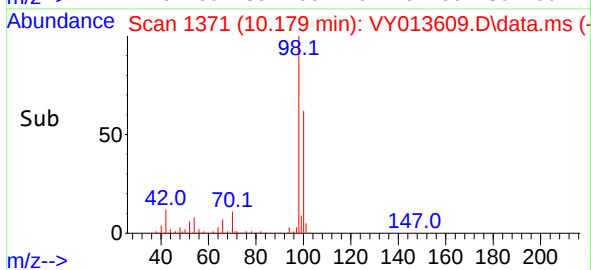
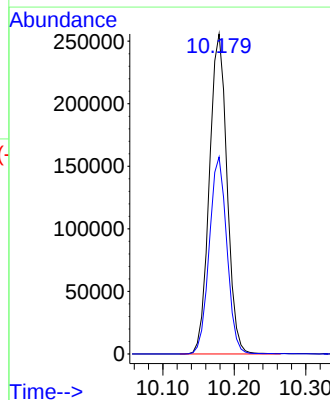
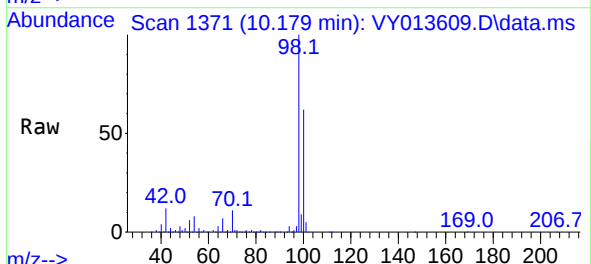


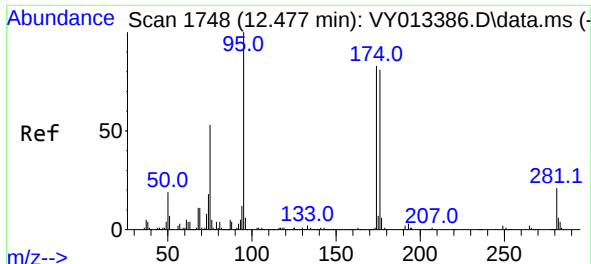
Tgt Ion:117 Resp: 20849
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.383 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Tgt Ion: 98 Resp: 437813
Ion Ratio Lower Upper
98 100
100 61.3 50.5 75.7

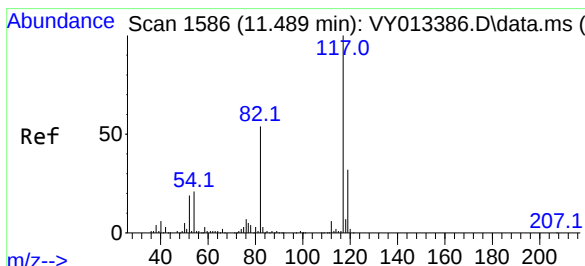
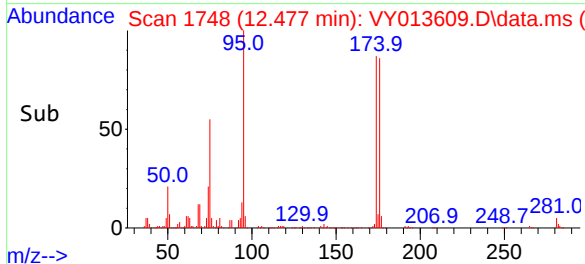
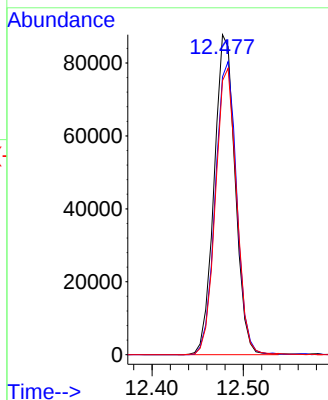
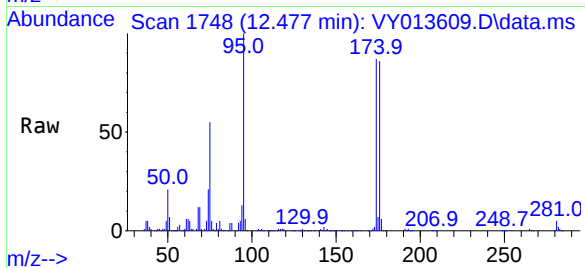




#62
4-Bromofluorobenzene
Concen: 52.572 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

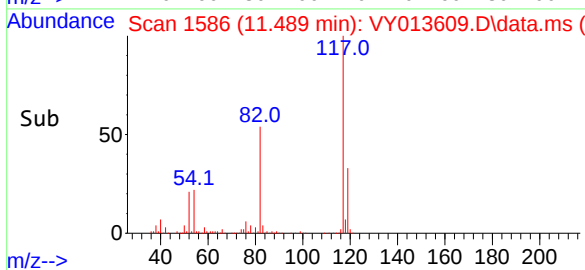
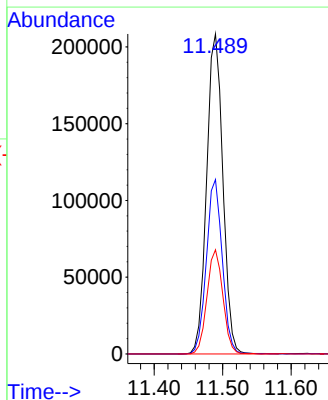
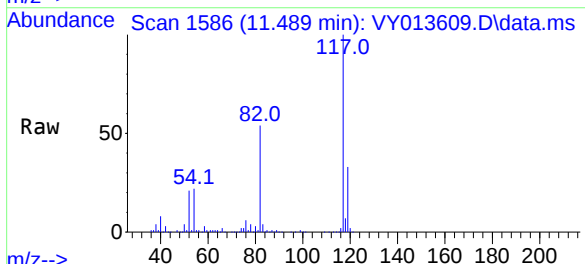
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

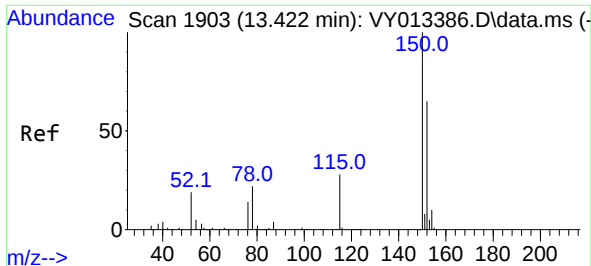
Tgt Ion: 95 Resp: 140104
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.0
176 90.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Tgt Ion: 117 Resp: 343294
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 32.6 25.5 38.3

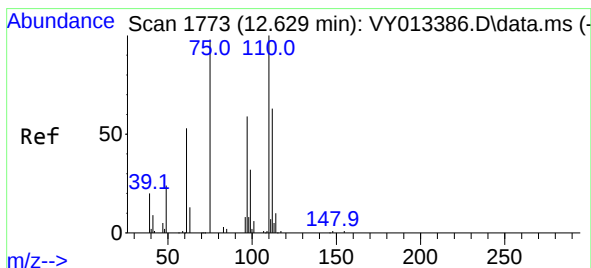
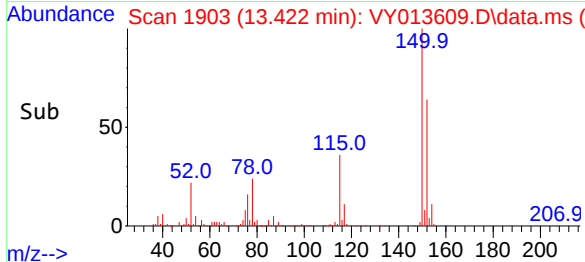
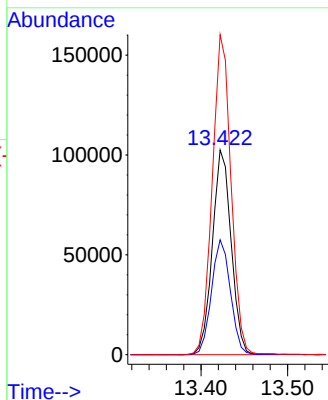
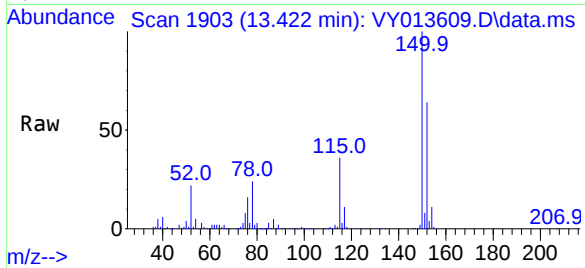




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

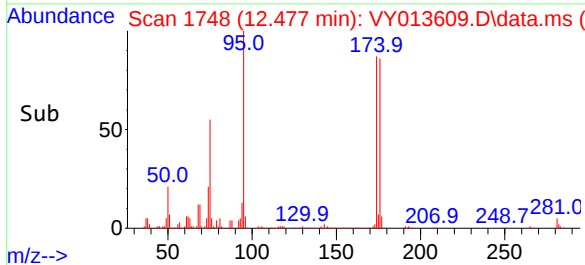
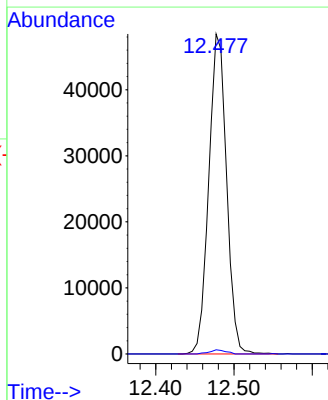
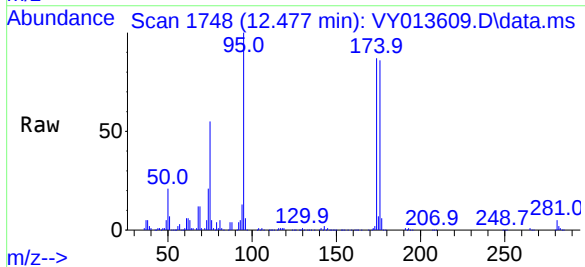
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023

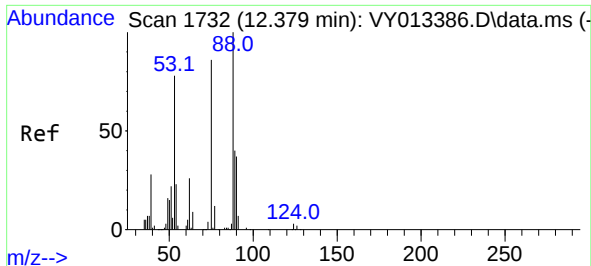
Tgt Ion:152 Resp: 154516
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.0 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 36.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

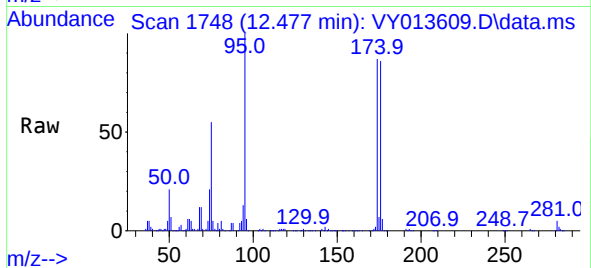
Tgt Ion: 75 Resp: 76337
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.935 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013609.D
Acq: 04 May 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-3-6-05022023



Tgt Ion: 75 Resp: 76337
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 0.0 38.0 57.0#

