

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014846.D
 Acq On : 26 Jul 2023 13:55
 Operator : SY/MD
 Sample : 03724-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 14:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69901	57.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.820%
35) Dibromofluoromethane	7.716	113	61951	50.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.179	98	226573	50.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	86289	49.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

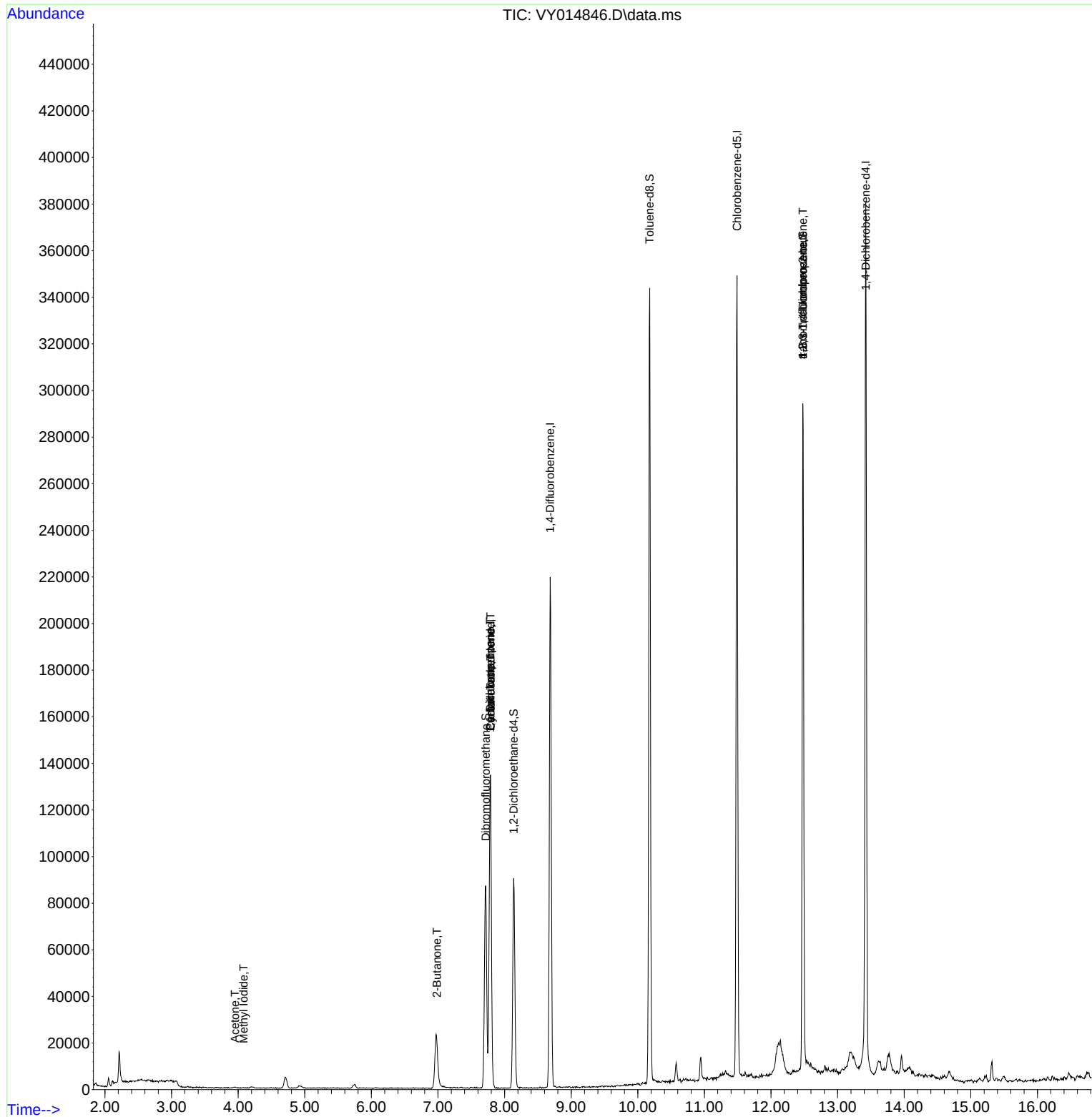
Target Compounds					Qvalue	
10) Methyl Iodide	4.082	142	20	2.385	ug/l #	38
11) Tert butyl alcohol	4.948	59	1576	Below Cal	#	89
16) Acetone	3.954	43	780	2.021	ug/l #	46
20) Methylene Chloride	4.710	84	3690	Below Cal		90
25) 2-Butanone	6.984	43	1346	2.384	ug/l #	78
31) Cyclohexane	7.789	56	2428	1.201	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	8585	4.697	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10623	5.498	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46112	40.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46112	78.553	ug/l #	11

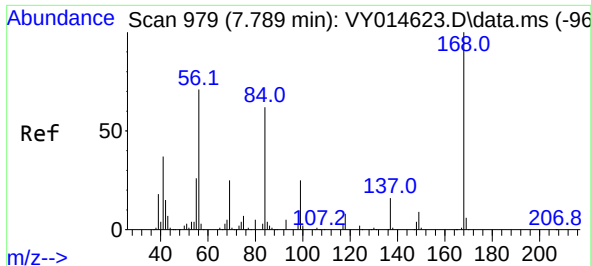
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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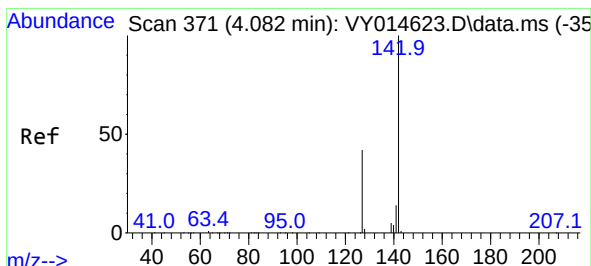
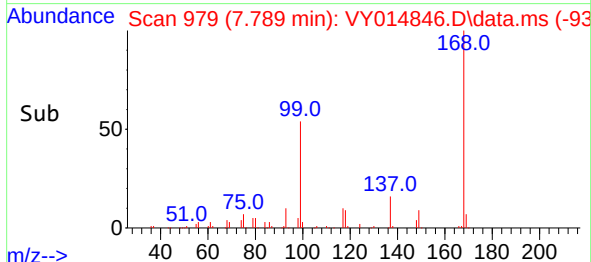
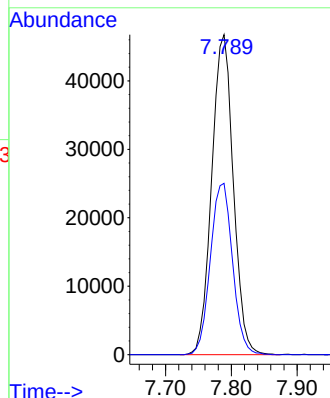
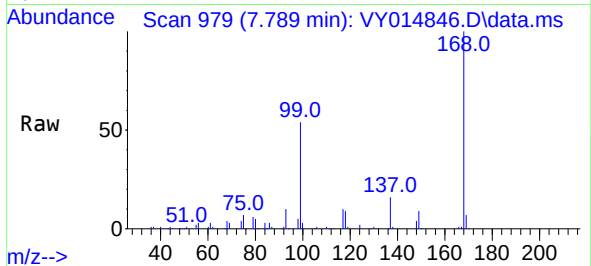




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

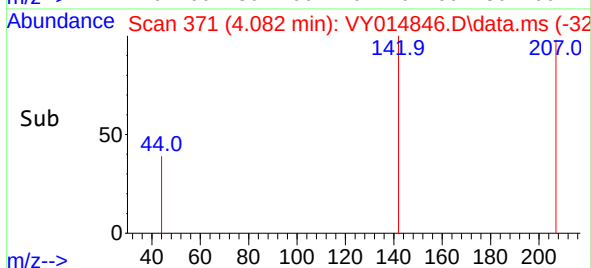
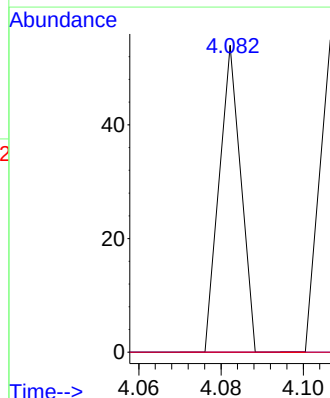
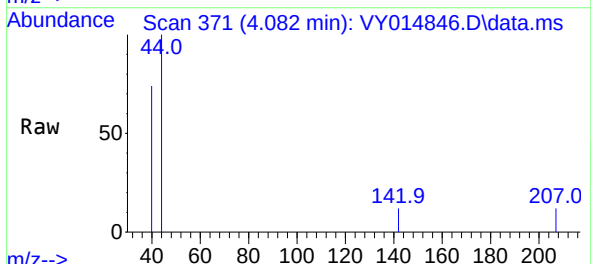
Instrument :
MSVOA_Y
ClientSampleId :

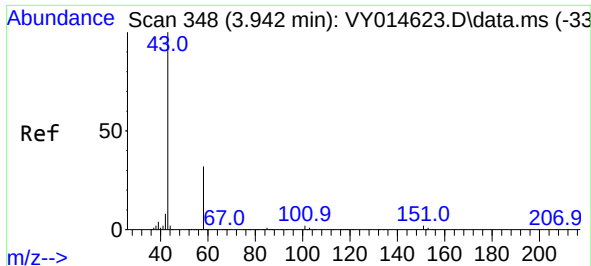
Tgt Ion:168 Resp: 106856
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.385 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

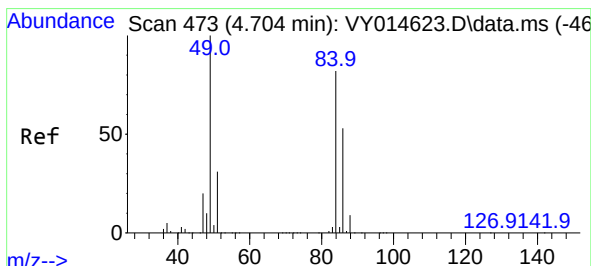
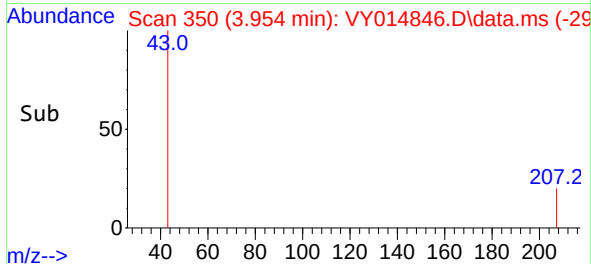
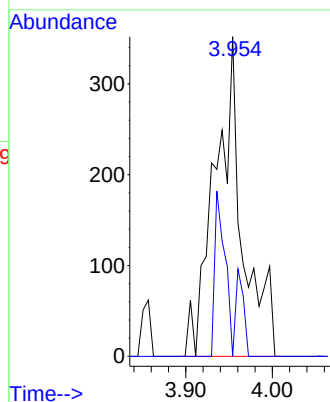
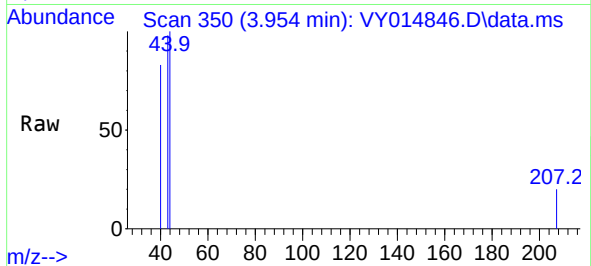




#16
Acetone
Concen: 2.021 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

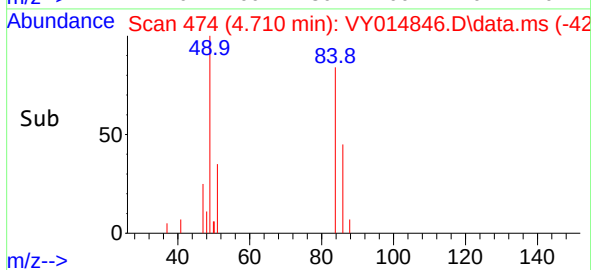
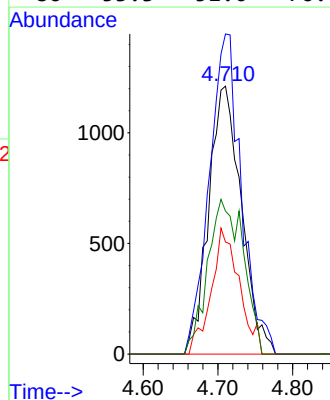
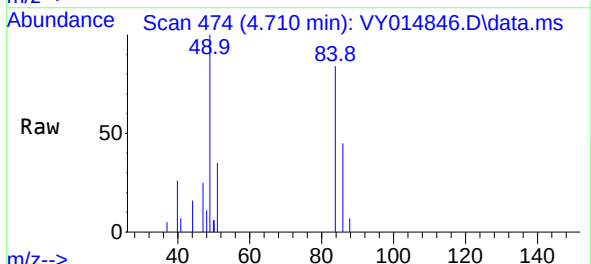
Instrument :
MSVOA_Y
ClientSampleId :

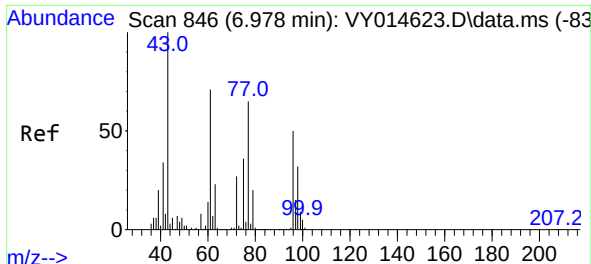
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion: 84 Resp: 3690
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 41.9 33.2 49.8
86 53.3 51.0 76.6

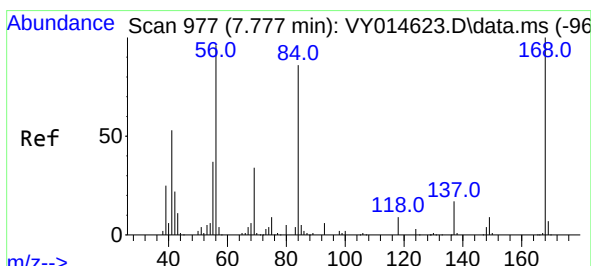
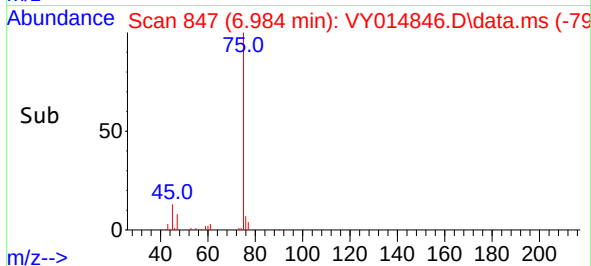
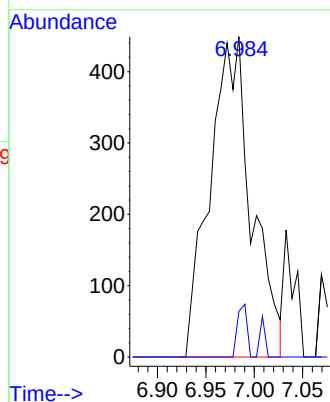
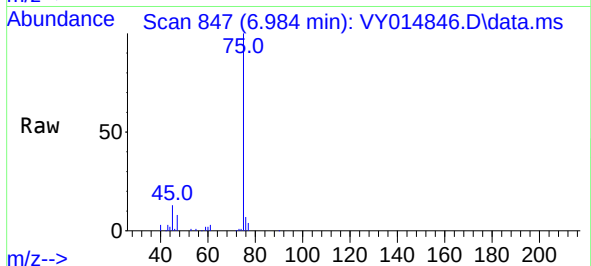




#25
2-Butanone
Concen: 2.384 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

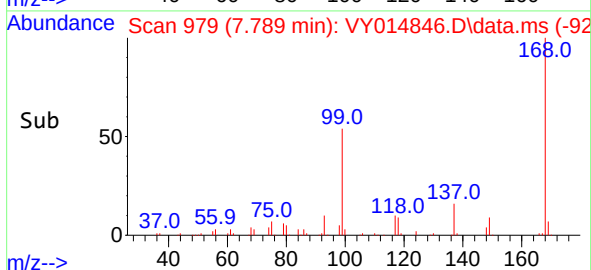
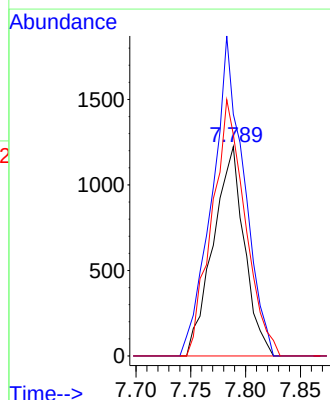
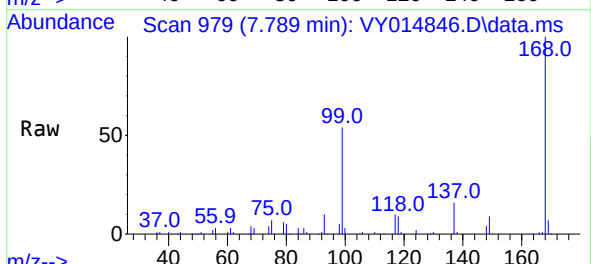
Instrument :
MSVOA_Y
ClientSampleId :

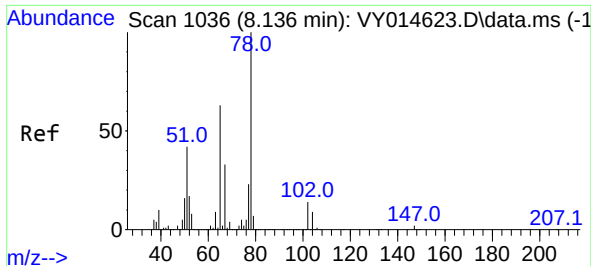
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
72 14.3 20.5 30.7#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion: 56 Resp: 2428
Ion Ratio Lower Upper
56 100
69 115.5 27.8 41.6#
84 105.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.406 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014846.D

Acq: 26 Jul 2023 13:55

Instrument :

MSVOA_Y

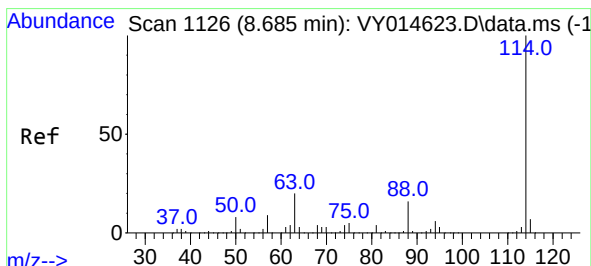
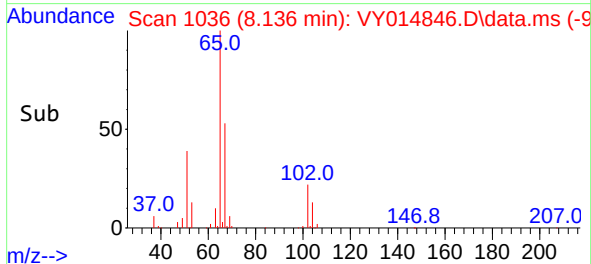
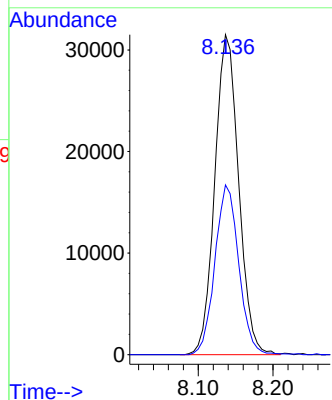
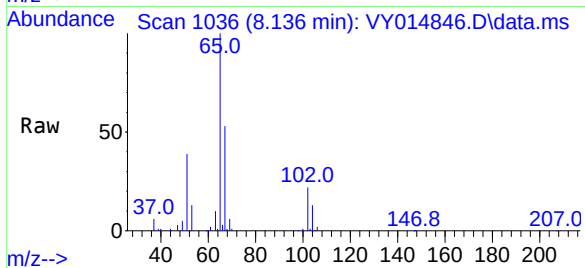
ClientSampleId :

Tgt Ion: 65 Resp: 69901

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014846.D

Acq: 26 Jul 2023 13:55

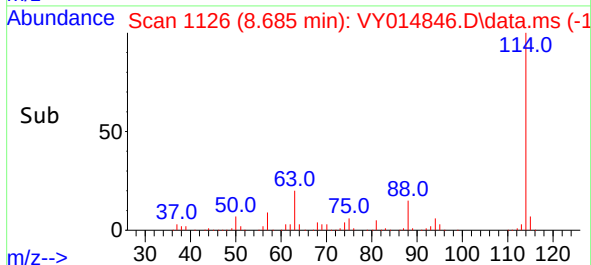
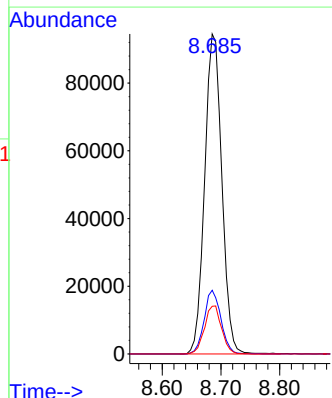
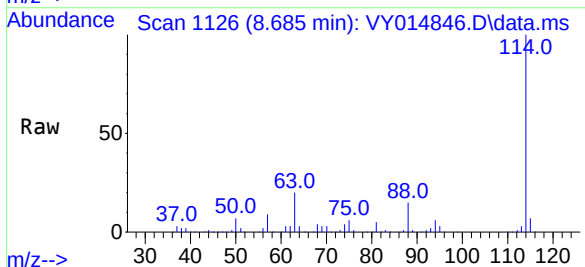
Tgt Ion: 114 Resp: 192014

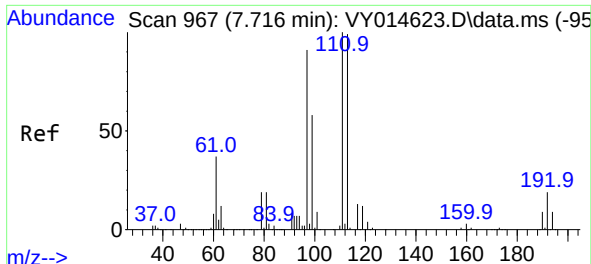
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

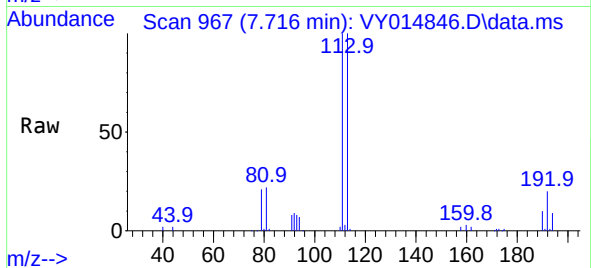
88 14.9 0.0 30.6



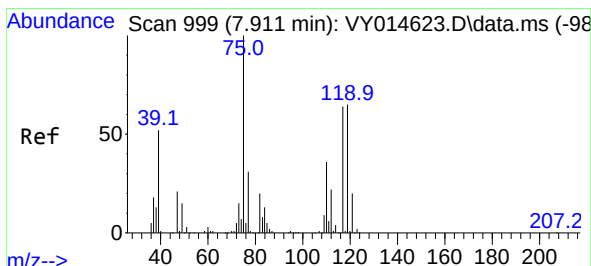
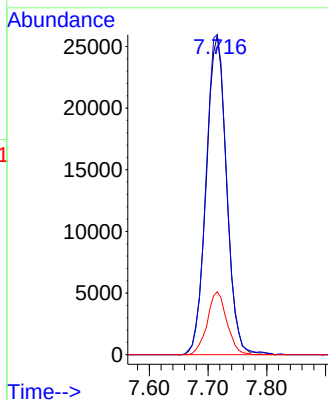
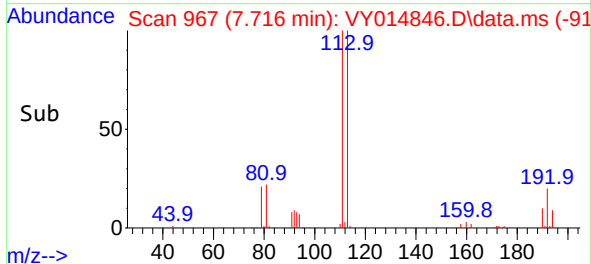


#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

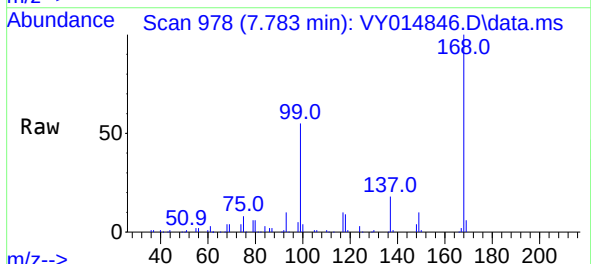
Instrument :
MSVOA_Y
ClientSampleId :



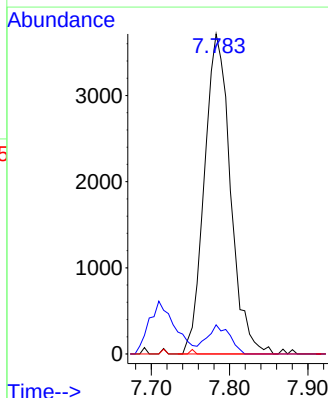
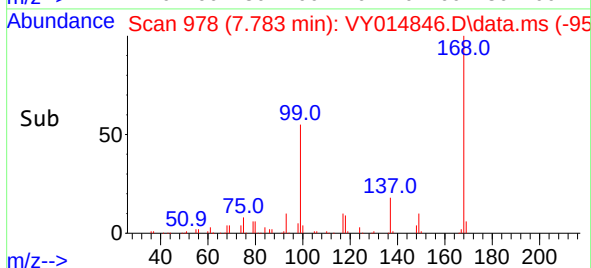
Tgt Ion:113 Resp: 61951
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.0 16.9 25.3

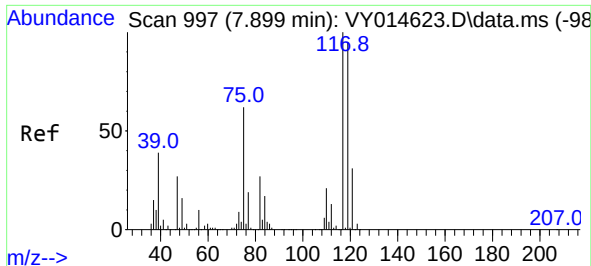


#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55



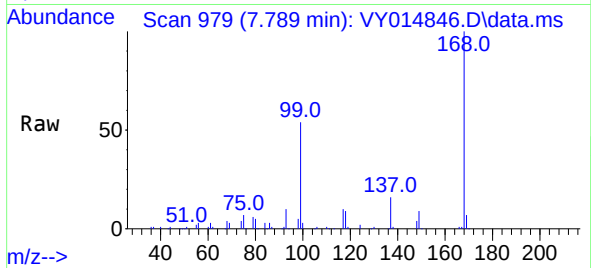
Tgt Ion: 75 Resp: 8585
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 24.4 36.6#



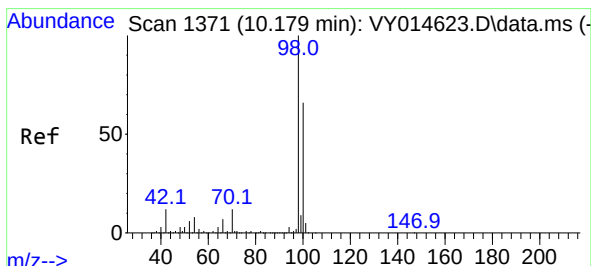
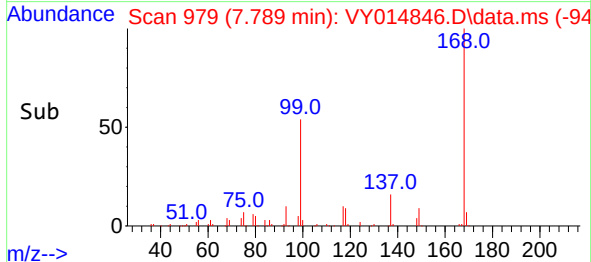
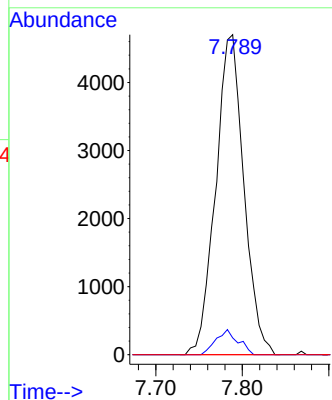


#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

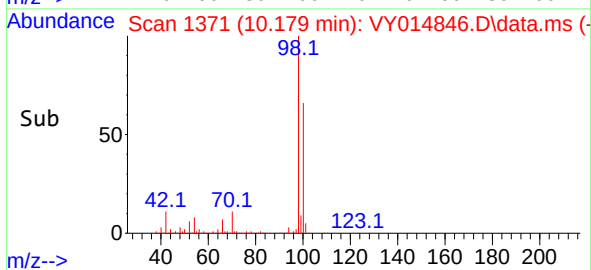
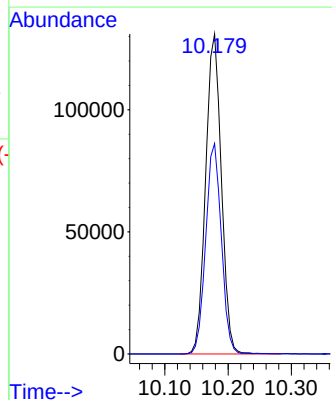
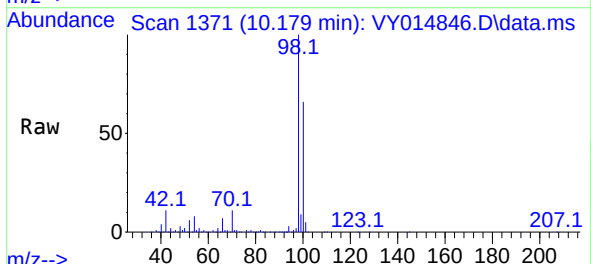


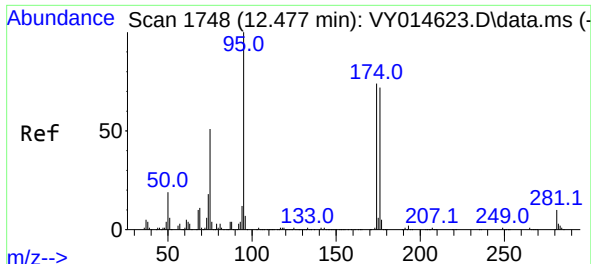
Tgt Ion:117 Resp: 10623
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.278 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion: 98 Resp: 226573
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

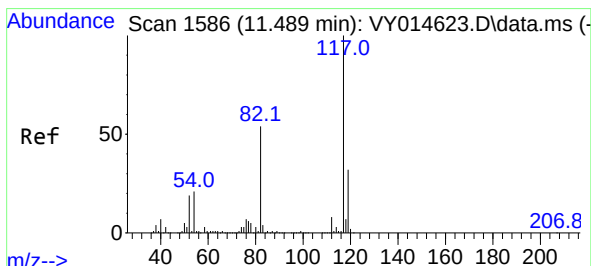
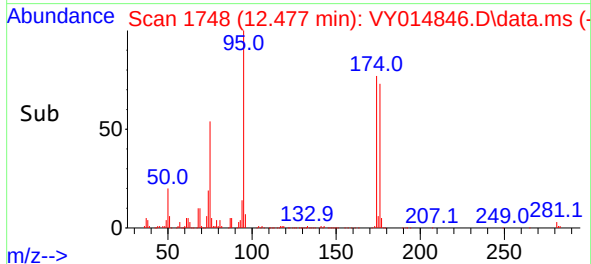
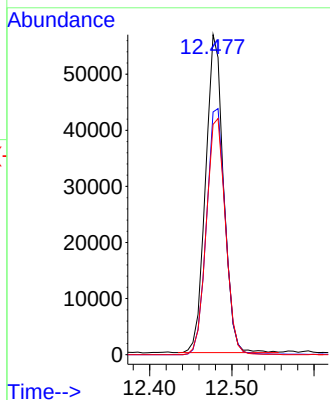
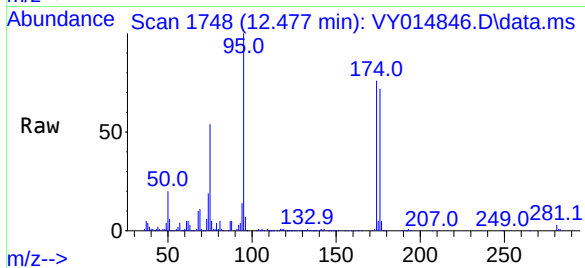




#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

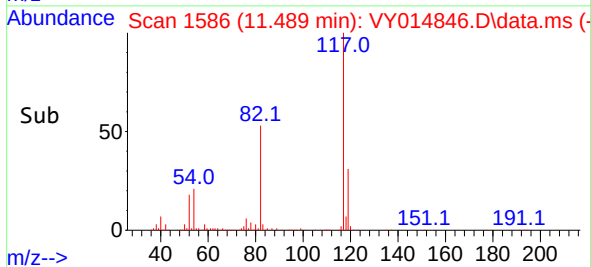
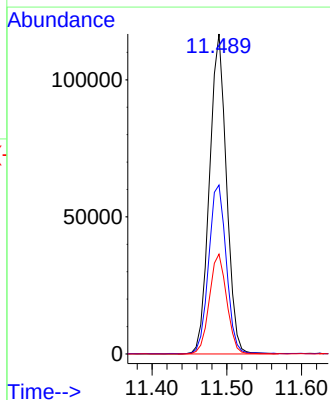
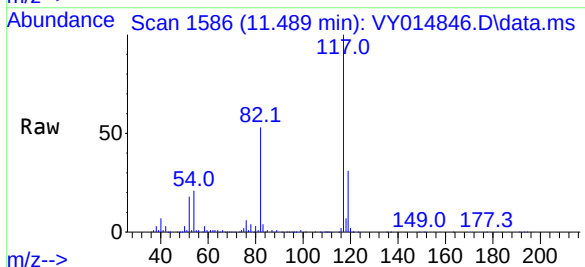
Instrument :
MSVOA_Y
ClientSampleId :

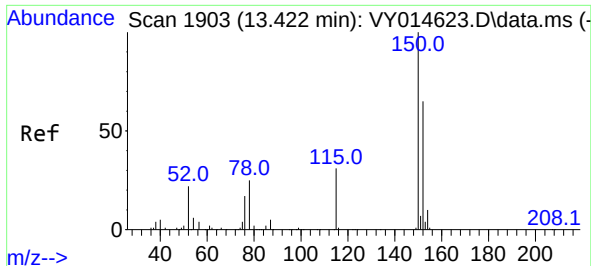
Tgt Ion: 95 Resp: 86289
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

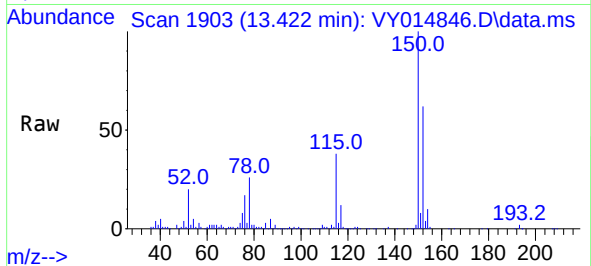
Tgt Ion: 117 Resp: 184518
Ion Ratio Lower Upper
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82 52.7 43.4 65.0
119 31.2 26.3 39.5



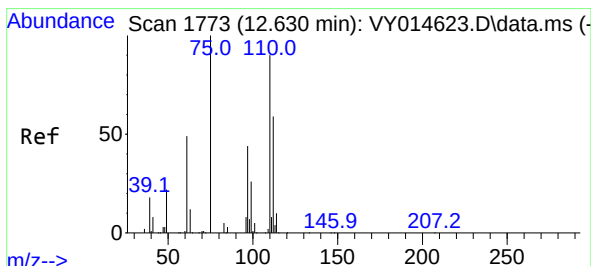
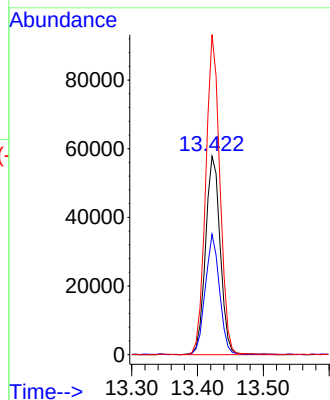
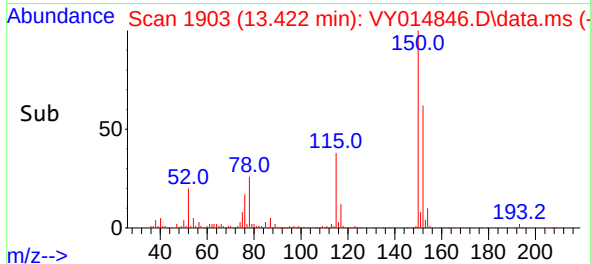


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

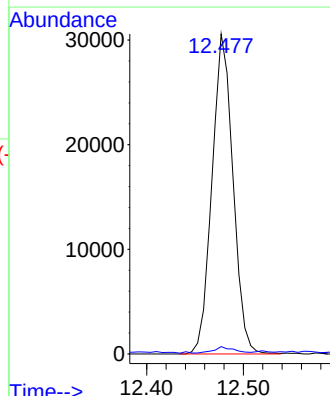
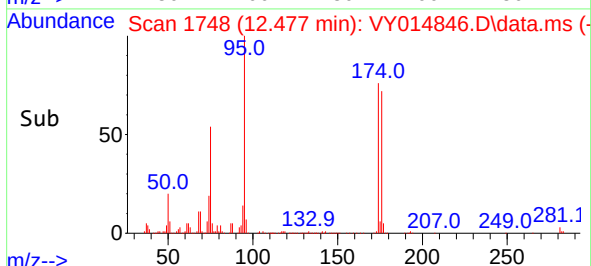
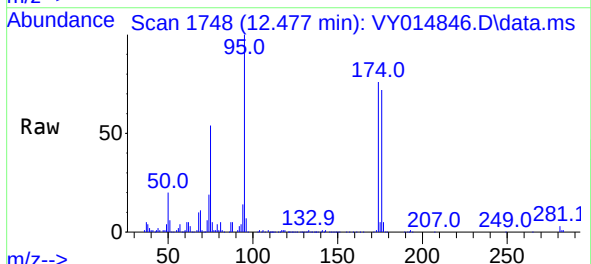


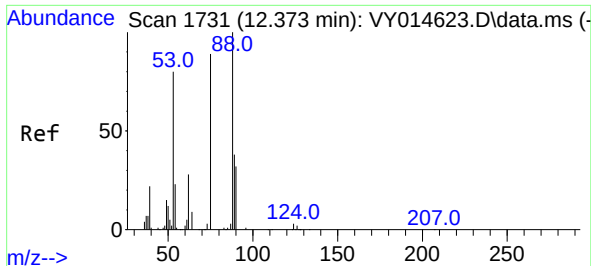
Tgt Ion:152 Resp: 89992
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 155.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

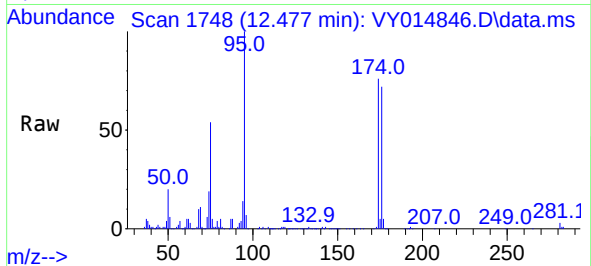
Tgt Ion: 75 Resp: 46112
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.553 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 46112
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#

