

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014771.D
 Acq On : 24 Jul 2023 14:43
 Operator : SY/MD
 Sample : 03706-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P10A

Quant Time: Jul 24 15:13:53 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	7.783	168	190136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	116756	53.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.780%
35) Dibromofluoromethane	7.710	113	104492	49.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.179	98	389209	50.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.477	95	142076	47.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.860%

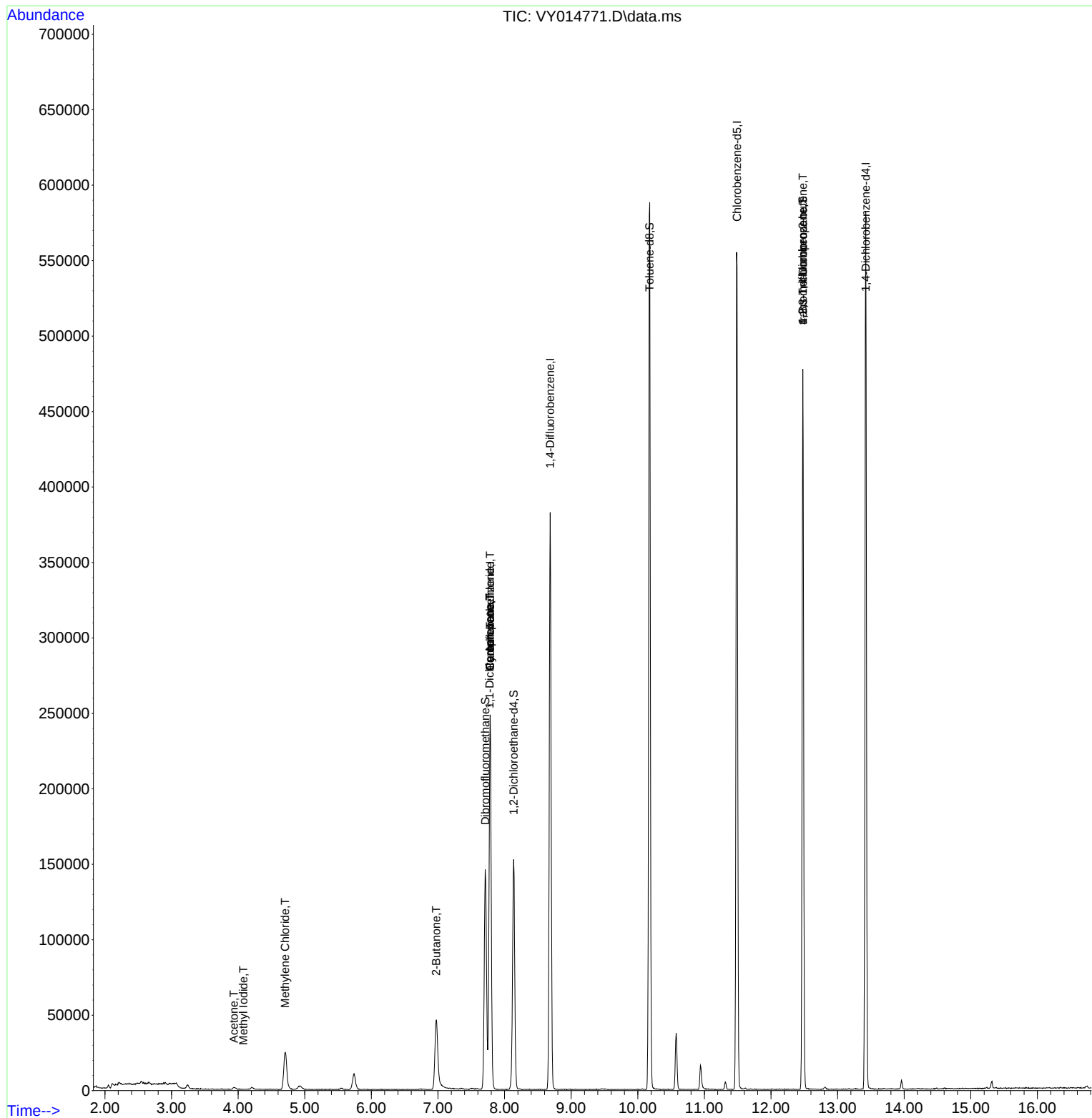
Target Compounds					Qvalue	
10) Methyl Iodide	4.076	142	85	2.408	ug/l #	38
11) Tert butyl alcohol	4.930	59	2212	Below Cal	#	92
16) Acetone	3.936	43	2060	3.000	ug/l #	84
20) Methylene Chloride	4.704	84	19533	4.953	ug/l	87
25) 2-Butanone	6.972	43	2841	2.828	ug/l #	83
31) Cyclohexane	7.783	56	3826	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	14669	4.678	ug/l #	49
38) Carbon Tetrachloride	7.783	117	19098	5.761	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	74924	40.189	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74924	77.812	ug/l #	10

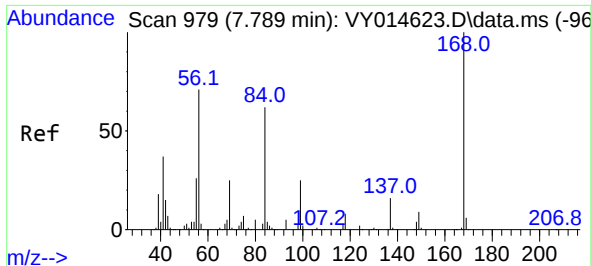
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
Data File : VY014771.D
Acq On : 24 Jul 2023 14:43
Operator : SY/MD
Sample : 03706-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

Quant Time: Jul 24 15:13:53 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

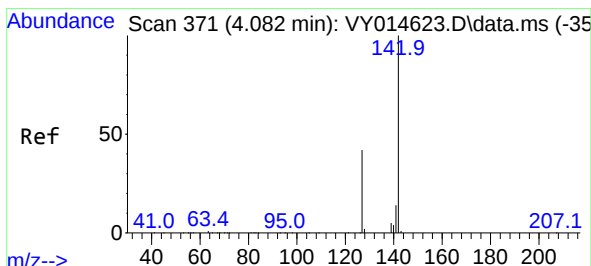
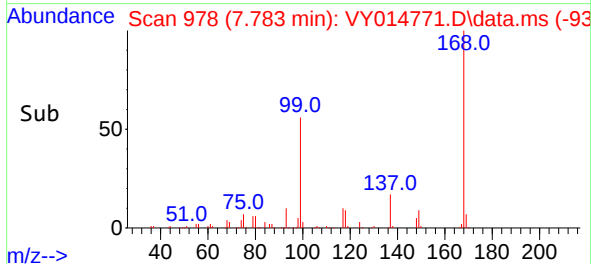
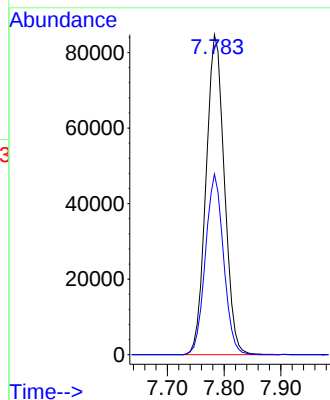
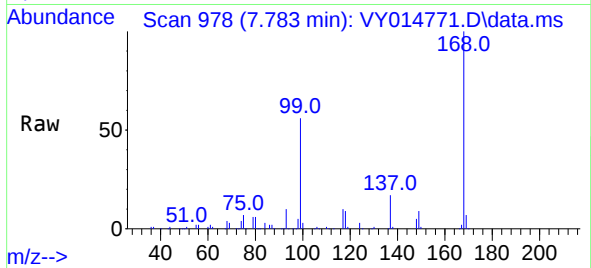




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

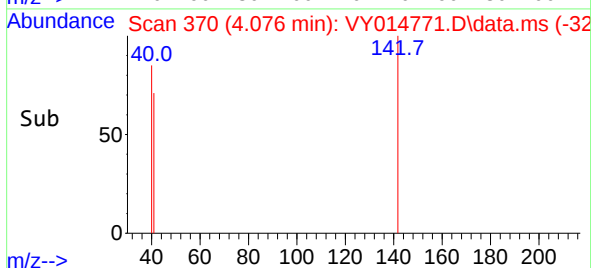
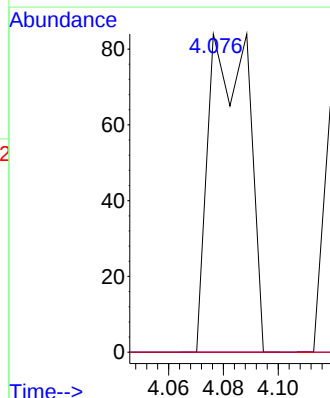
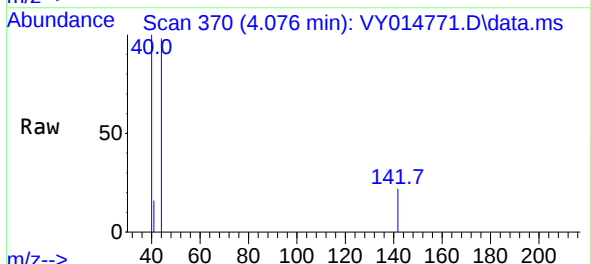
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

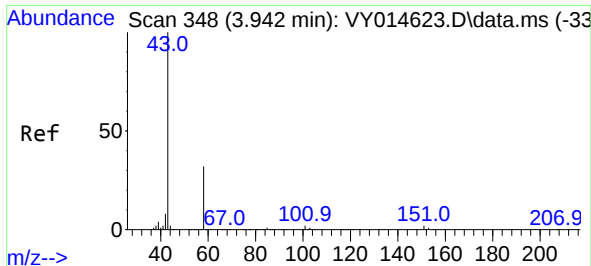
Tgt Ion:168 Resp: 190136
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.408 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

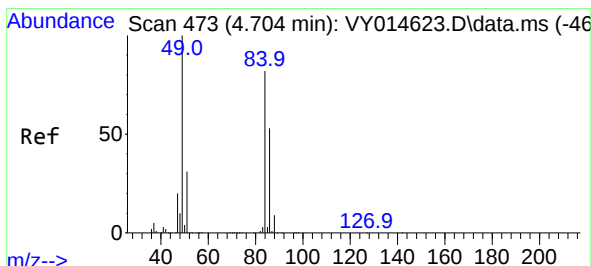
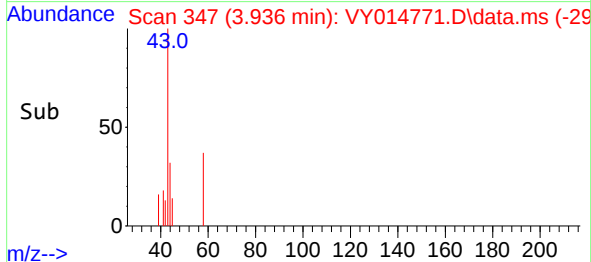
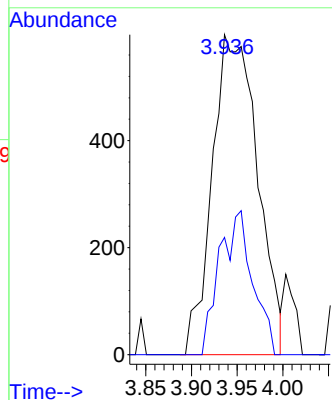
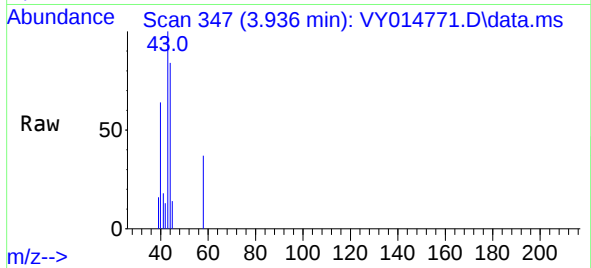




#16
Acetone
Concen: 3.000 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

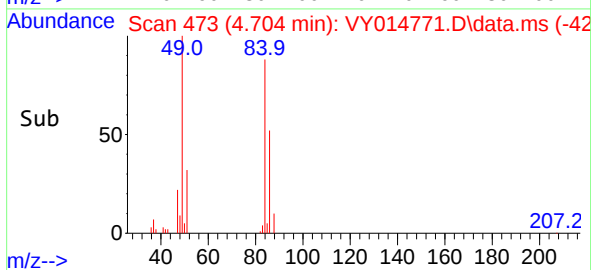
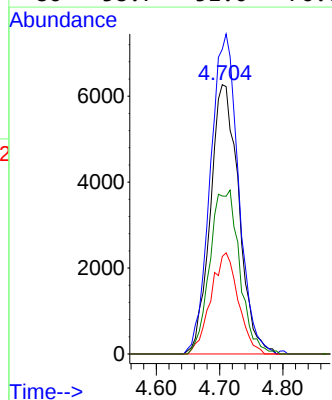
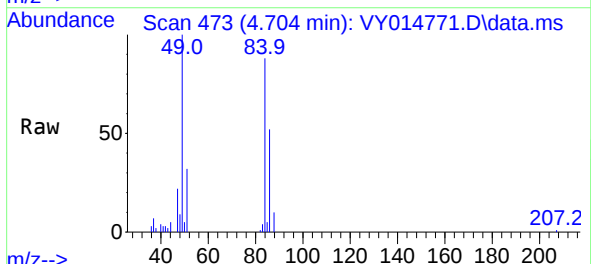
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

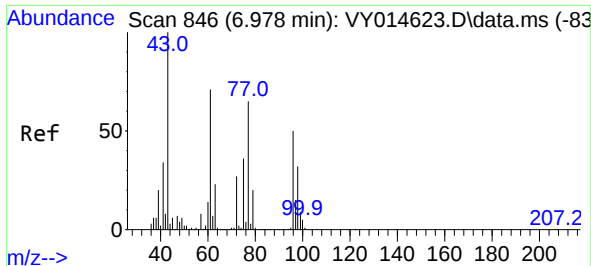
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#



#20
Methylene Chloride
Concen: 4.953 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Tgt Ion: 84 Resp: 19533
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 36.2 33.2 49.8
86 58.7 51.0 76.6





#25

2-Butanone

Concen: 2.828 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014771.D

Acq: 24 Jul 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

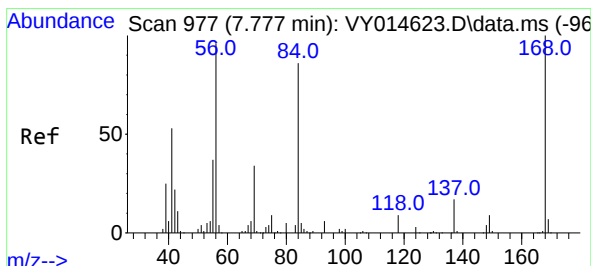
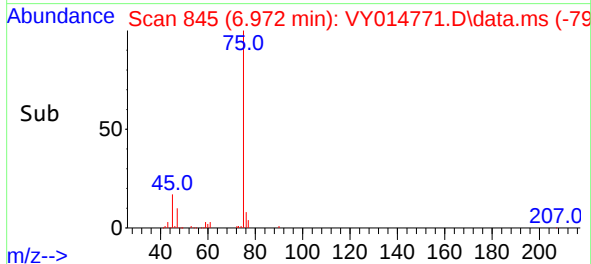
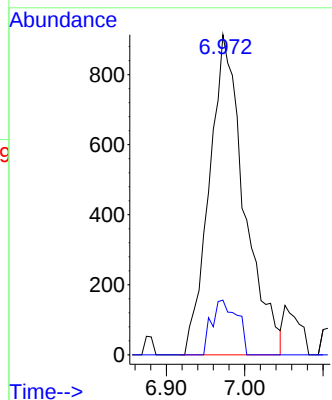
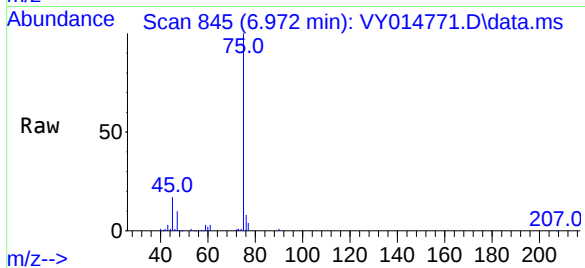
B-P10A

Tgt Ion: 43 Resp: 2841

Ion Ratio Lower Upper

43 100

72 17.1 20.5 30.7#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY014771.D

Acq: 24 Jul 2023 14:43

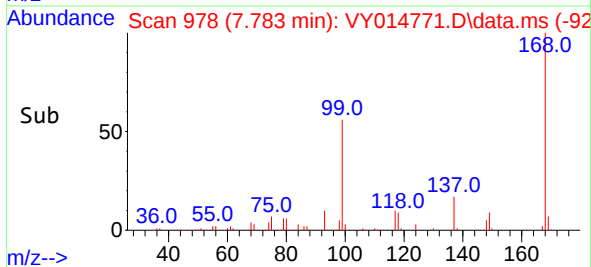
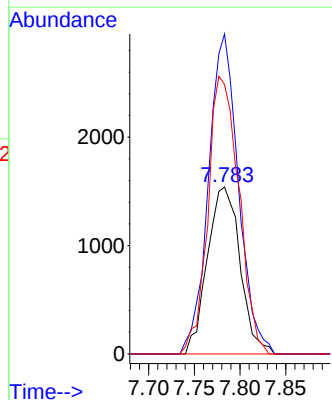
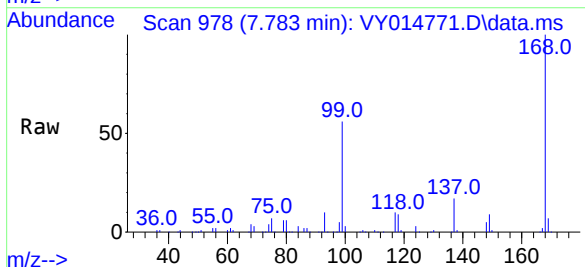
Tgt Ion: 56 Resp: 3826

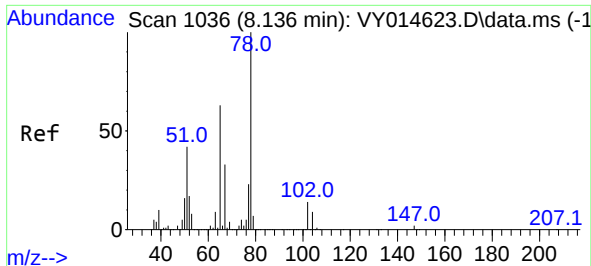
Ion Ratio Lower Upper

56 100

69 191.8 27.8 41.6#

84 161.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.887 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014771.D

Acq: 24 Jul 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

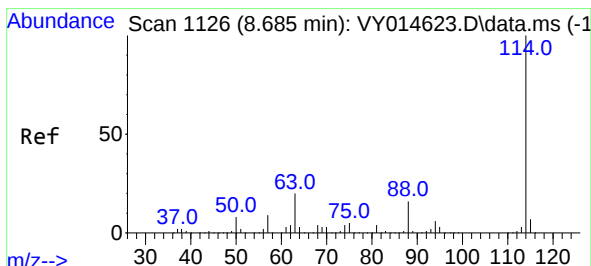
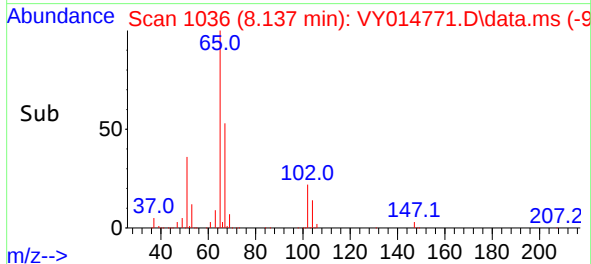
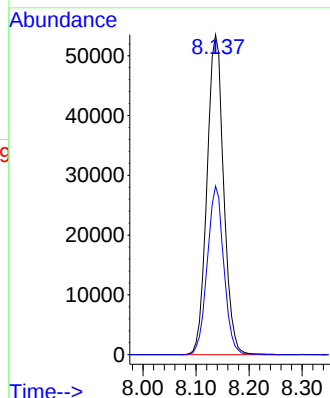
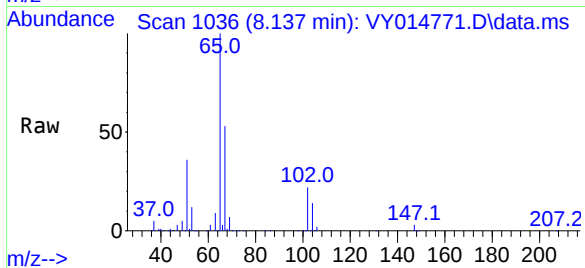
B-P10A

Tgt Ion: 65 Resp: 116756

Ion Ratio Lower Upper

65 100

67 52.2 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: VY014771.D

Acq: 24 Jul 2023 14:43

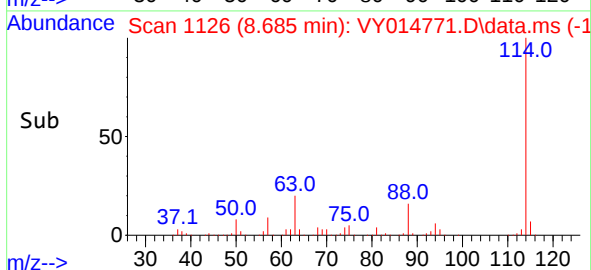
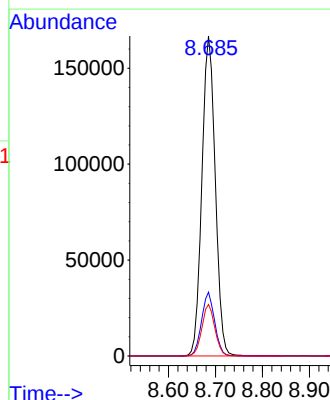
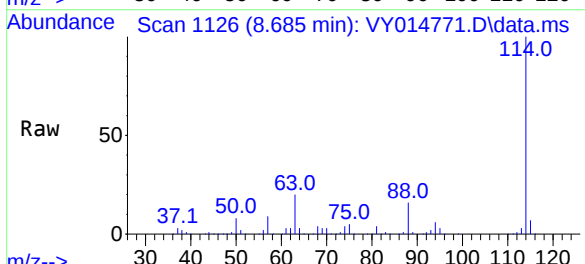
Tgt Ion: 114 Resp: 329425

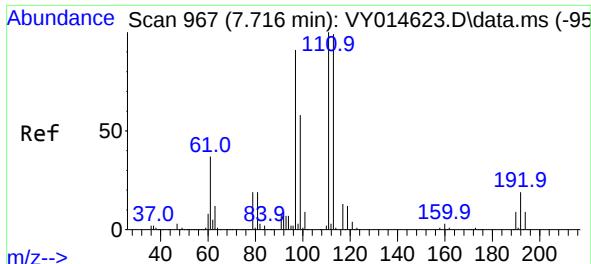
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.1 0.0 30.6

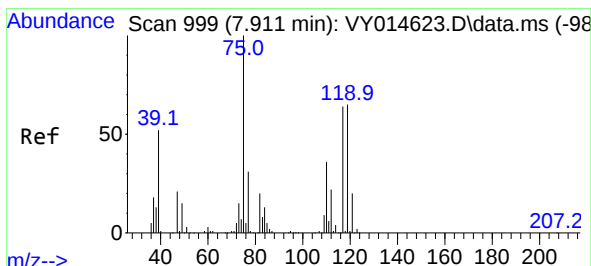
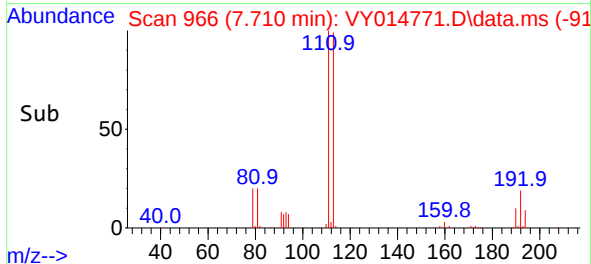
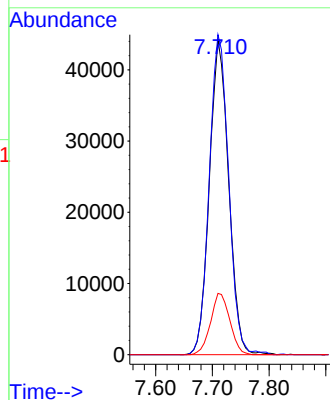
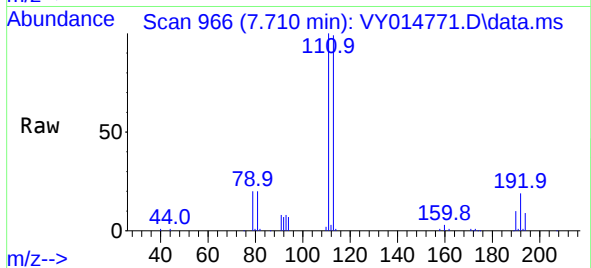




#35
Dibromofluoromethane
Concen: 49.828 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

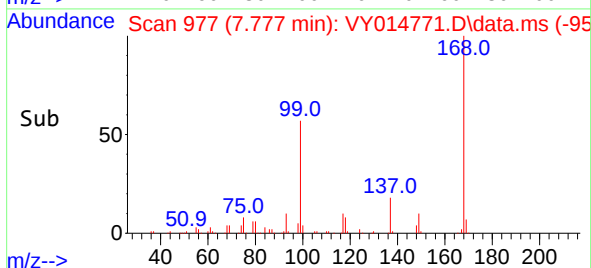
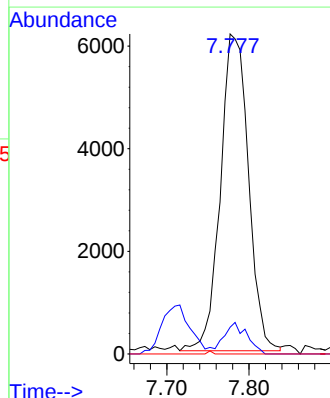
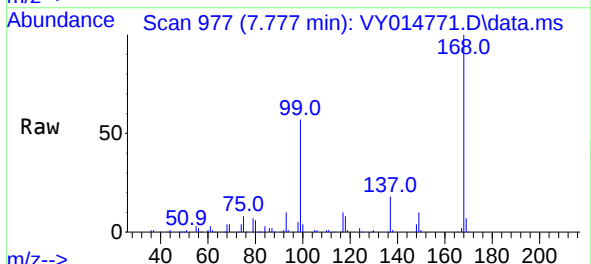
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

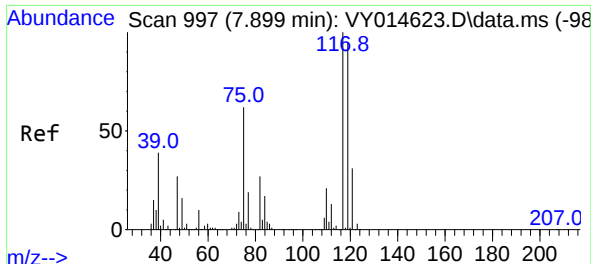
Tgt Ion:113 Resp: 104492
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.678 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Tgt Ion: 75 Resp: 14669
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 24.4 36.6#

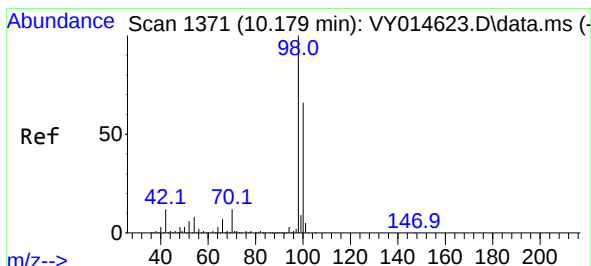
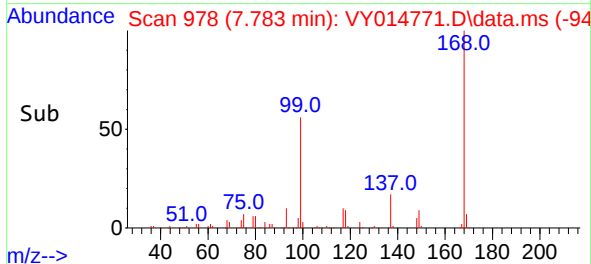
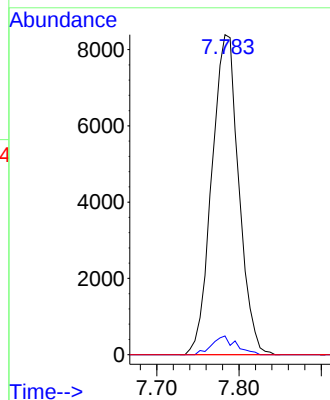
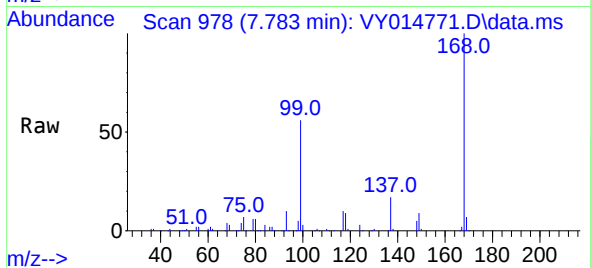




#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

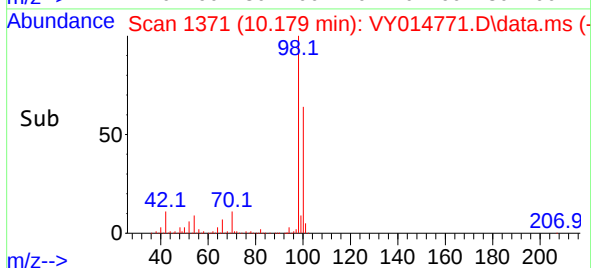
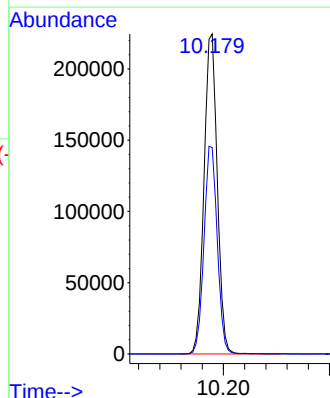
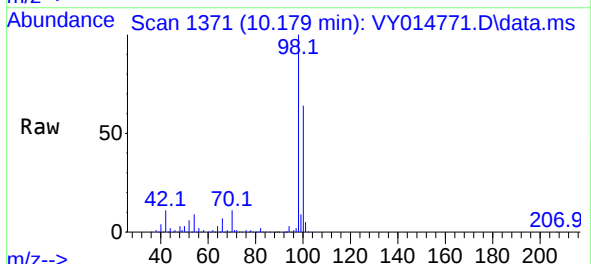
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

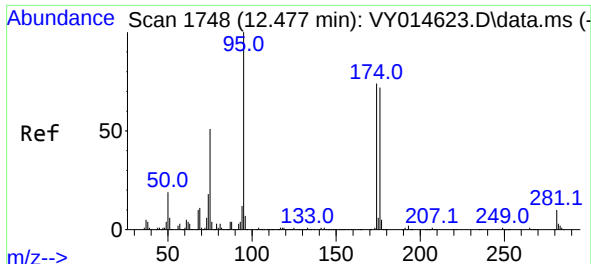
Tgt Ion:117 Resp: 19098
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Tgt Ion: 98 Resp: 389209
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

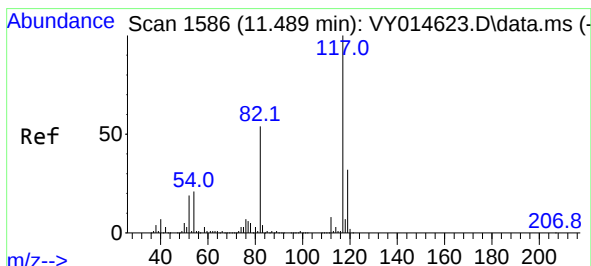
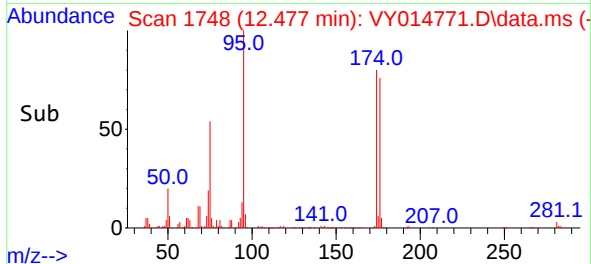
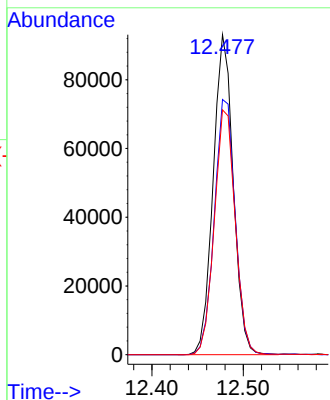
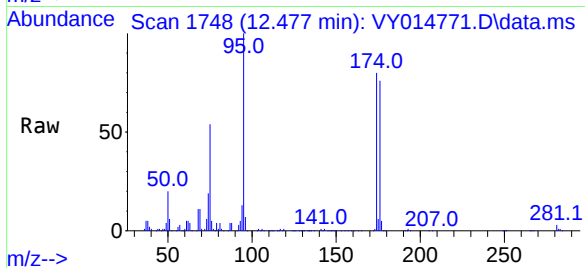




#62
4-Bromofluorobenzene
Concen: 47.926 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

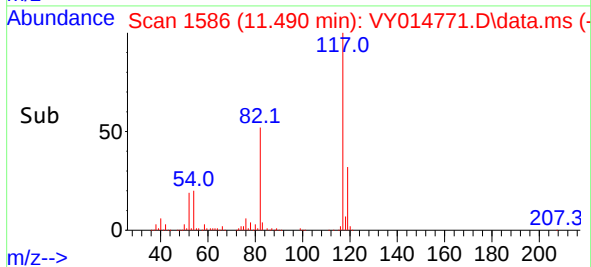
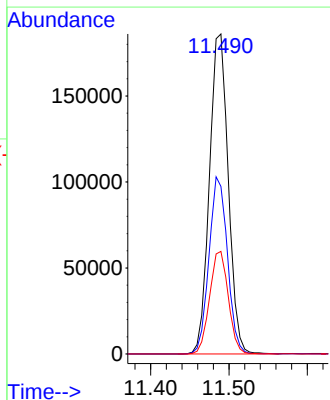
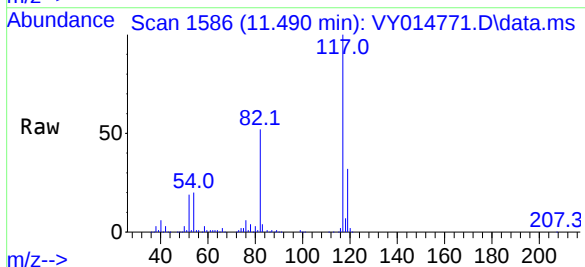
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

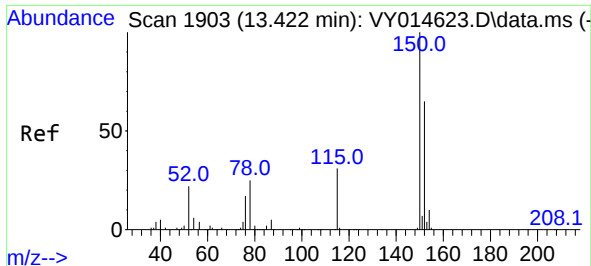
Tgt Ion: 95 Resp: 142076
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

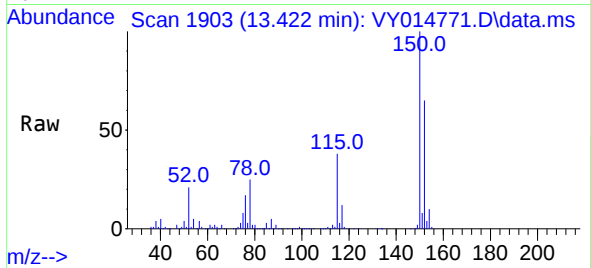
Tgt Ion: 117 Resp: 310690
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.1 26.3 39.5



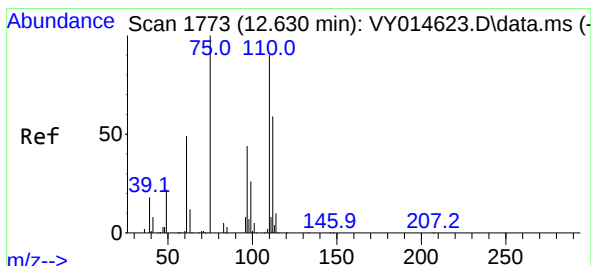
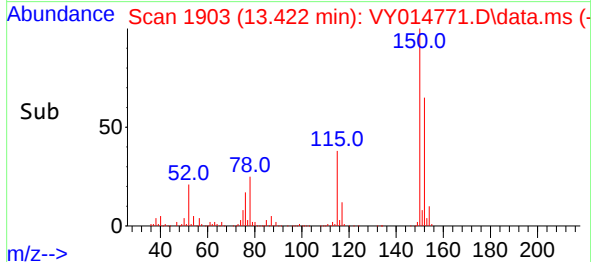
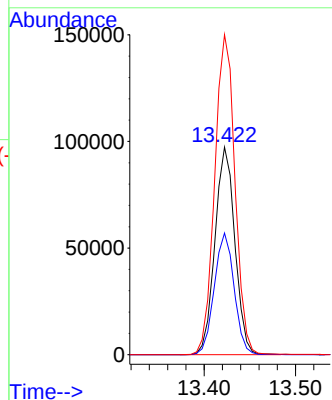


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

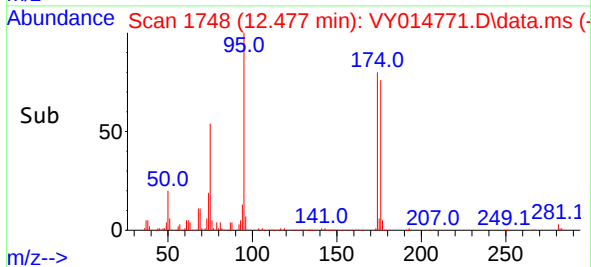
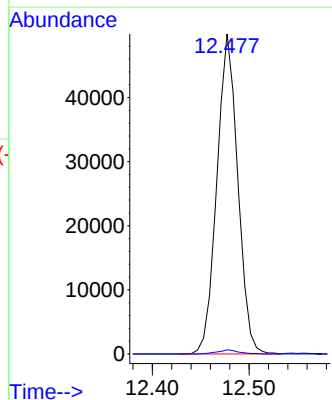
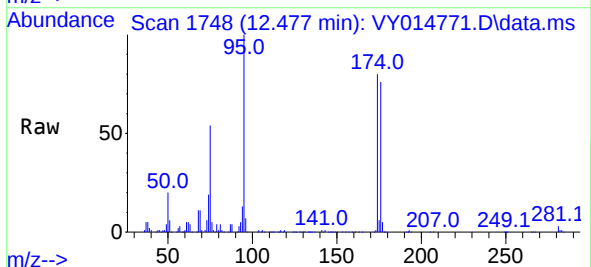


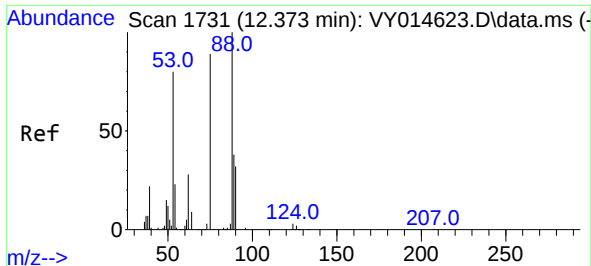
Tgt Ion:152 Resp: 147613
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 157.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.189 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014771.D
Acq: 24 Jul 2023 14:43

Tgt Ion: 75 Resp: 74924
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.812 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014771.D
 Acq: 24 Jul 2023 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P10A

Tgt Ion: 75 Resp: 74924
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

