

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014918.D
 Acq On : 28 Jul 2023 18:57
 Operator : SY/MD
 Sample : 03834-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2B

Quant Time: Jul 29 03:10:45 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)

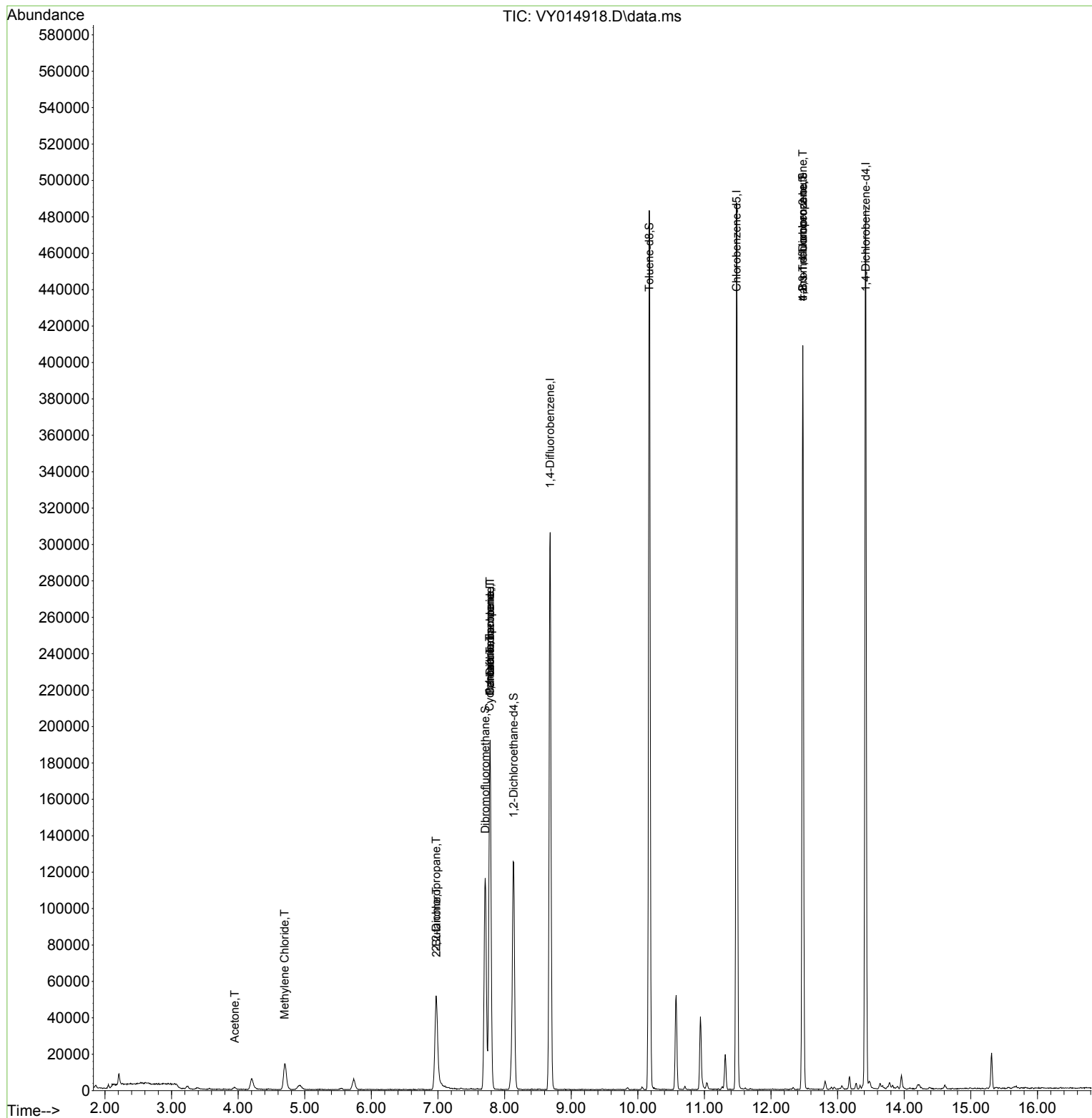
Internal Standards						
1) Pentafluorobenzene	7.783	168	149219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	257742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95212	55.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.710	113	83834	49.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.173	98	315338	50.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.477	95	116888	49.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.200%
Target Compounds						
11) Tert butyl alcohol	4.936	59	3593	Below Cal	#	89
16) Acetone	3.948	43	1856	3.444	ug/l #	85
20) Methylene Chloride	4.698	84	10938	2.213	ug/l #	85
25) 2-Butanone	6.978	43	2949	3.741	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	3958	1.368	ug/l #	54
31) Cyclohexane	7.777	56	3083	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11852	4.706	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14585	5.479	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	62856	40.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62856	77.960	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
Data File : VY014918.D
Acq On : 28 Jul 2023 18:57
Operator : SY/MD
Sample : 03834-02
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

Quant Time: Jul 29 03:10:45 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

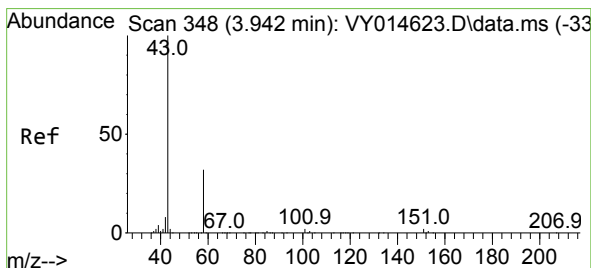
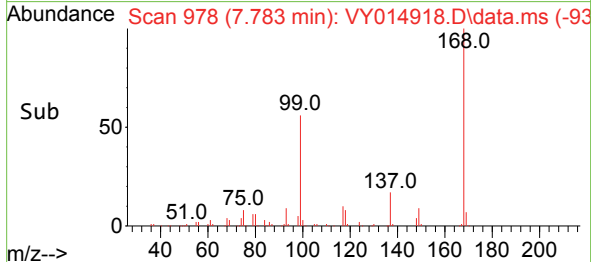
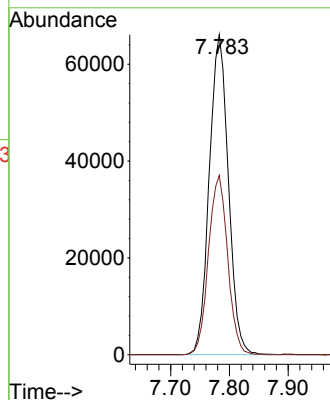
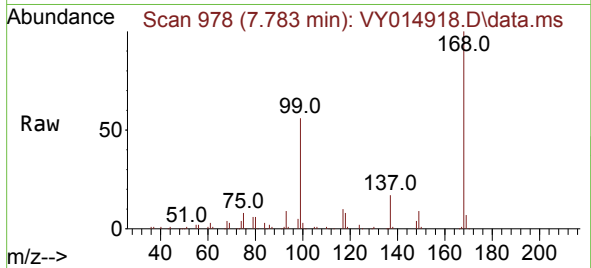




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

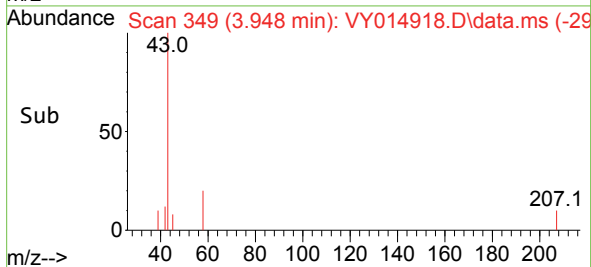
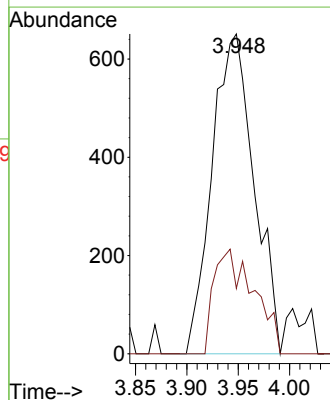
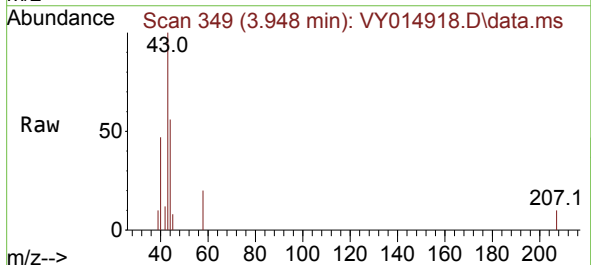
Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

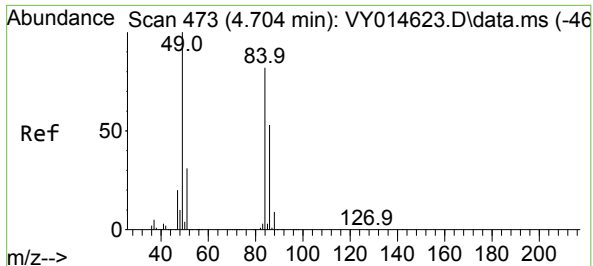
Tgt Ion:168 Resp: 149219
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#16
Acetone
Concen: 3.444 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 20.4 22.7 34.1#





#20

Methylene Chloride

Concen: 2.213 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY014918.D

Acq: 28 Jul 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

B-P2B

Tgt Ion: 84 Resp: 10938

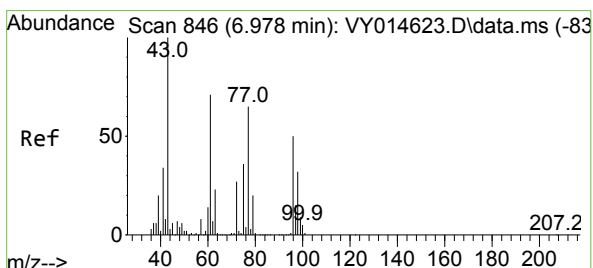
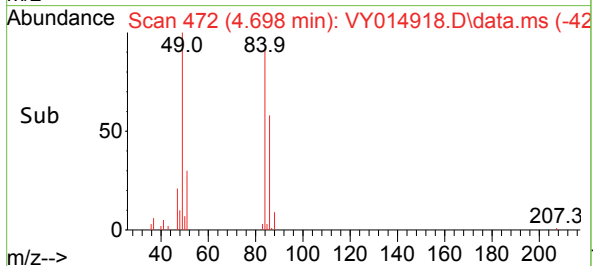
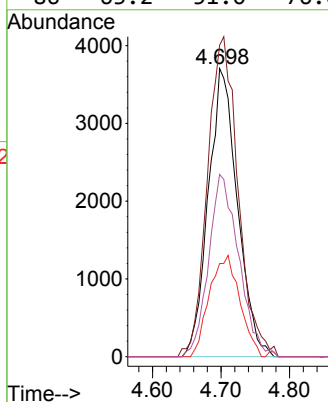
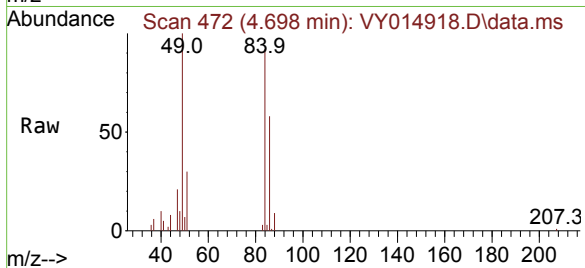
Ion Ratio Lower Upper

84 100

49 108.1 106.9 160.3

51 32.3 33.2 49.8#

86 63.2 51.0 76.6



#25

2-Butanone

Concen: 3.741 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014918.D

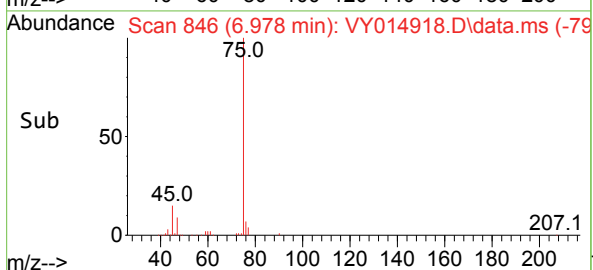
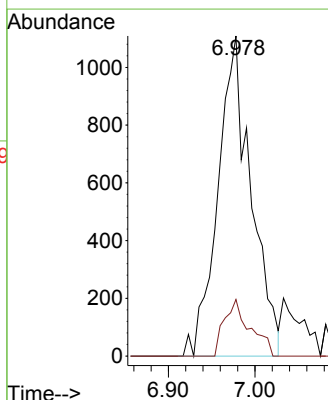
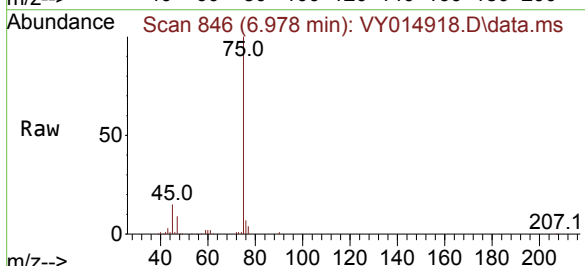
Acq: 28 Jul 2023 18:57

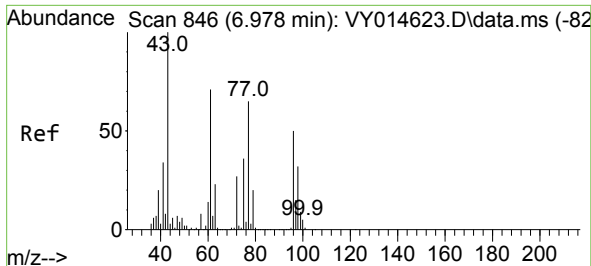
Tgt Ion: 43 Resp: 2949

Ion Ratio Lower Upper

43 100

72 17.7 20.5 30.7#

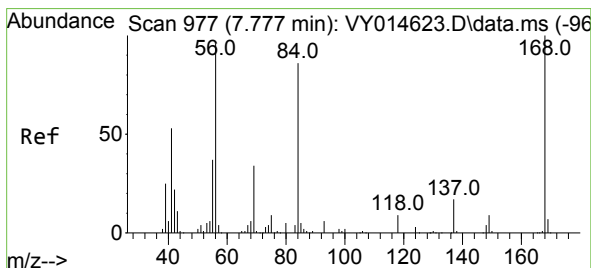
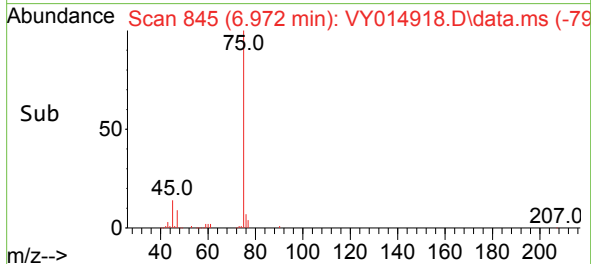
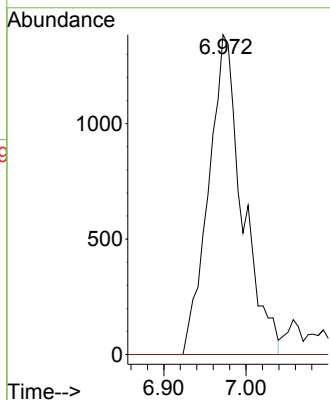
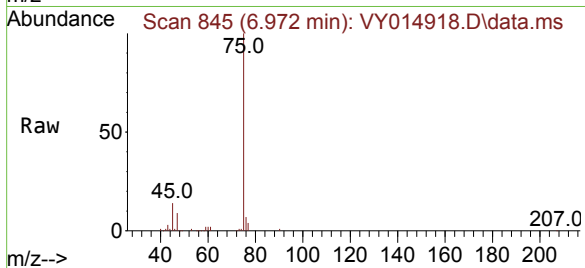




#26
2,2-Dichloropropane
Concen: 1.368 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

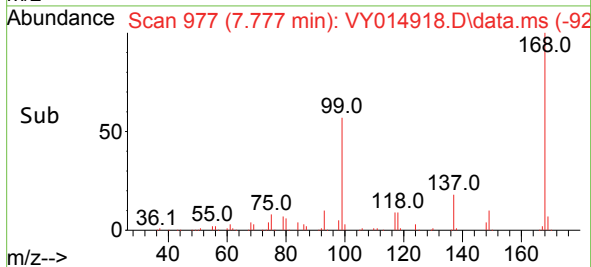
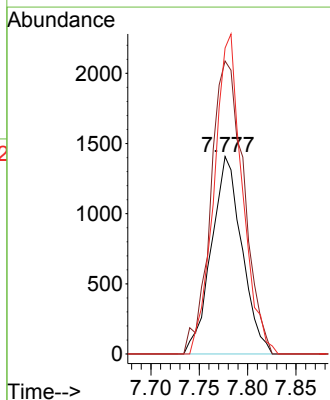
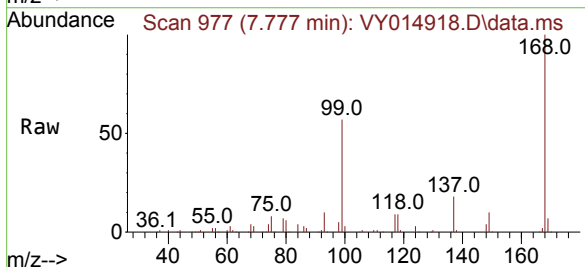
Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

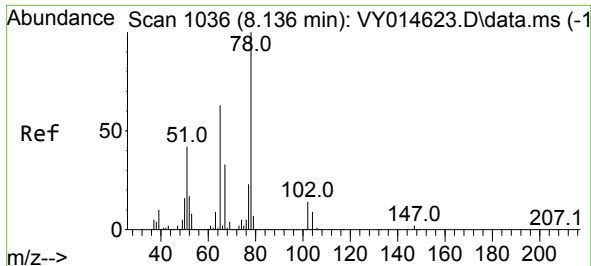
Tgt Ion: 77 Resp: 3958
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

Tgt Ion: 56 Resp: 3083
Ion Ratio Lower Upper
56 100
69 148.3 27.8 41.6#
84 154.9 66.4 99.6#

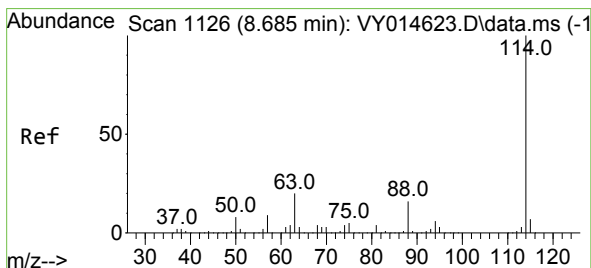
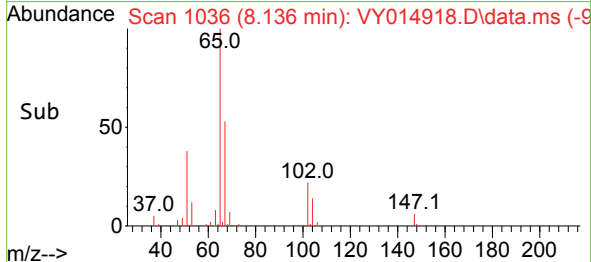
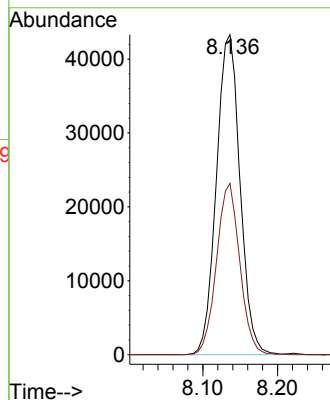
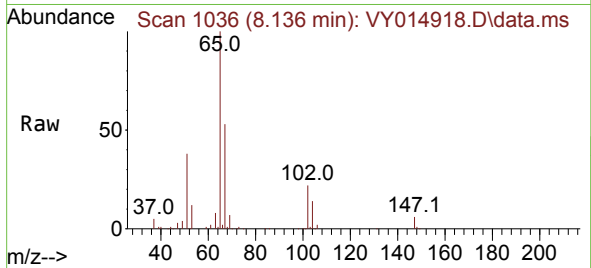




#33
1,2-Dichloroethane-d4
Concen: 55.994 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

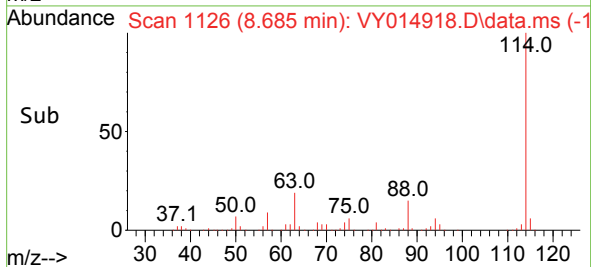
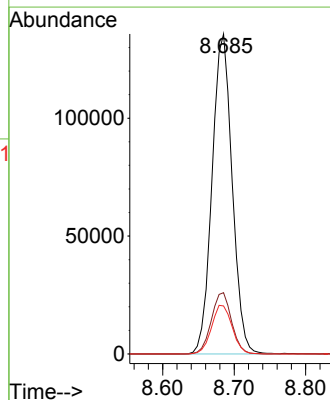
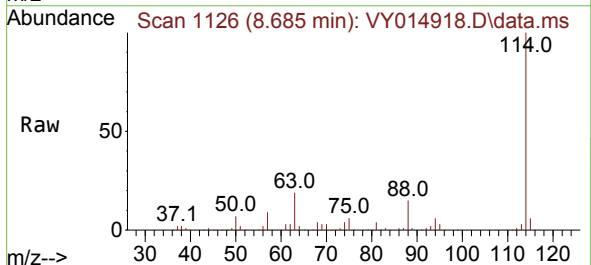
Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

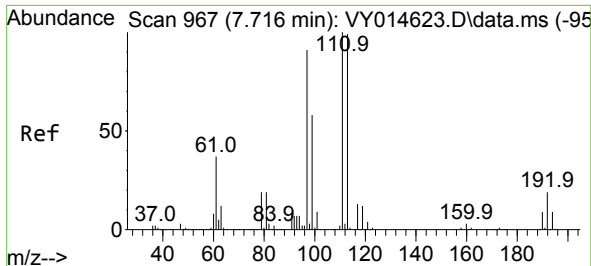
Tgt Ion: 65 Resp: 95212
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

Tgt Ion:114 Resp: 264545
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.0 0.0 30.6

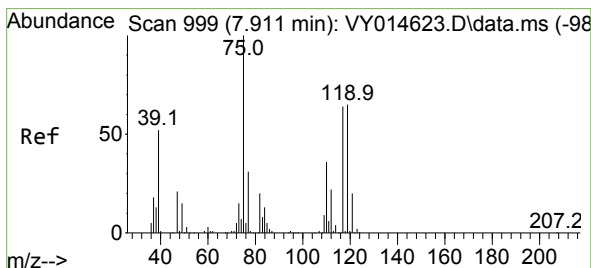
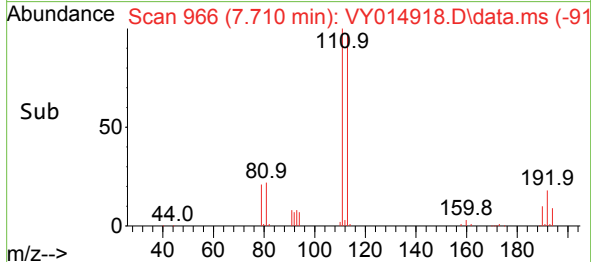
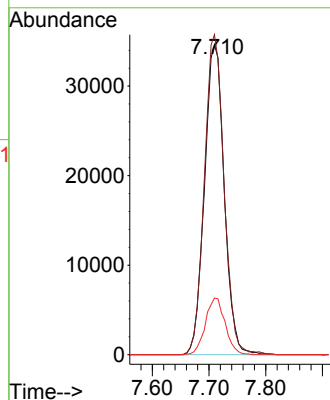
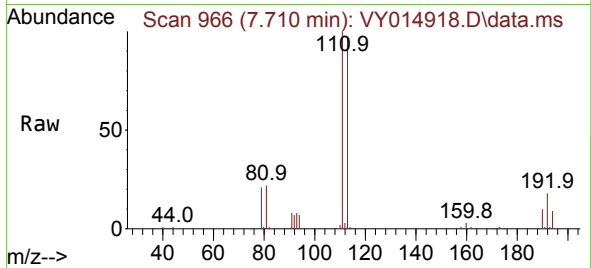




#35
 Dibromofluoromethane
 Concen: 49.782 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY014918.D
 Acq: 28 Jul 2023 18:57

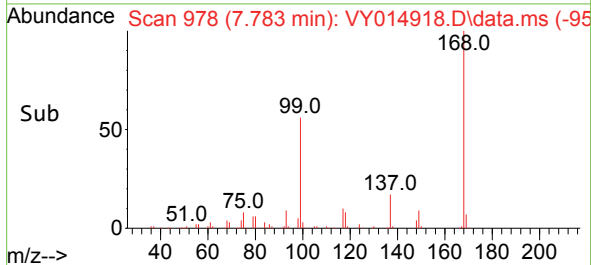
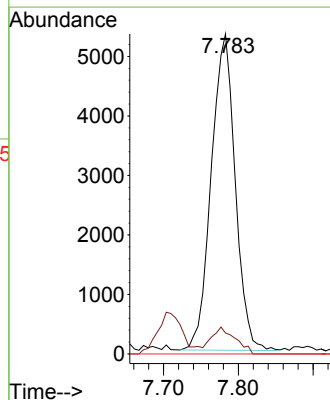
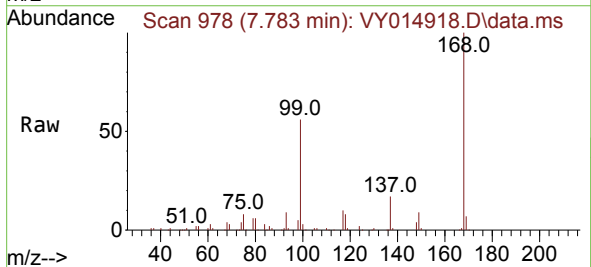
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2B

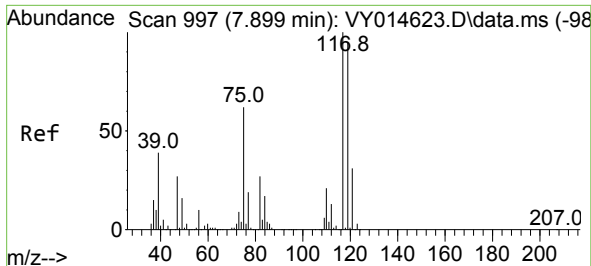
Tgt Ion:113 Resp: 83834
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 18.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY014918.D
 Acq: 28 Jul 2023 18:57

Tgt Ion: 75 Resp: 11852
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.8 53.5#
 77 0.0 24.4 36.6#

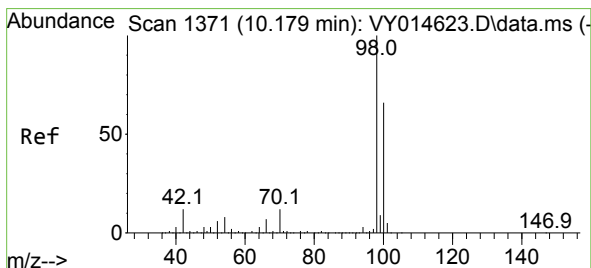
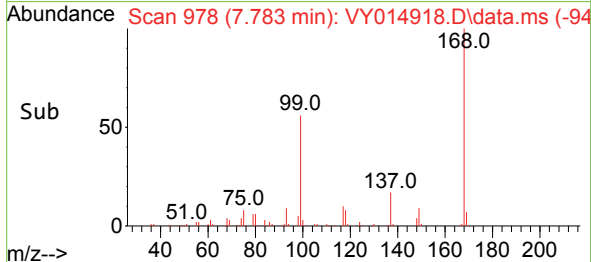
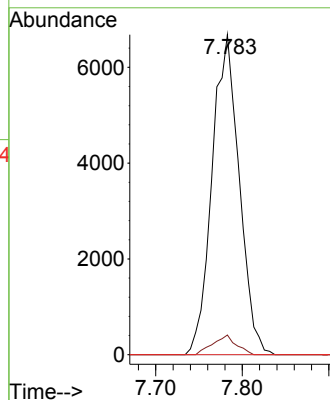
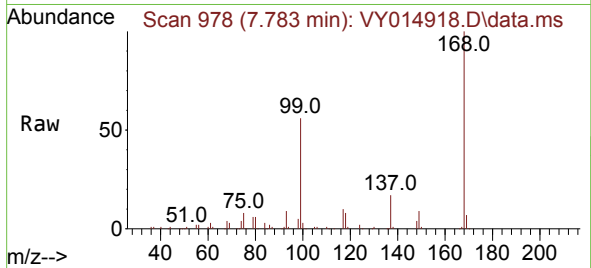




#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

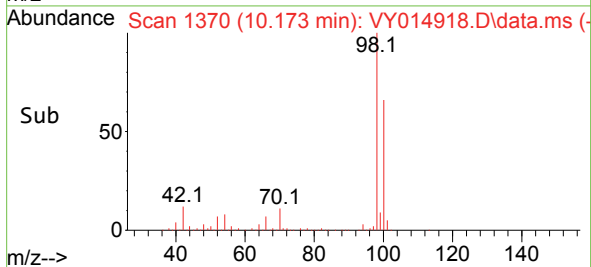
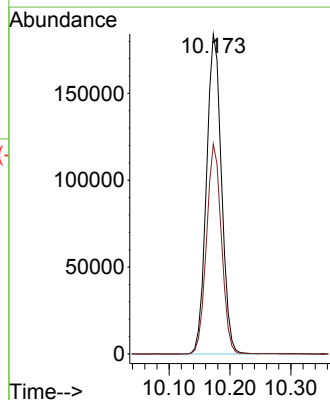
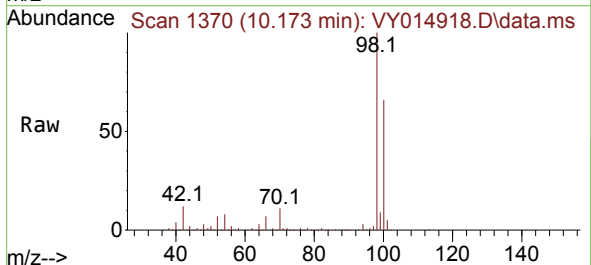
Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

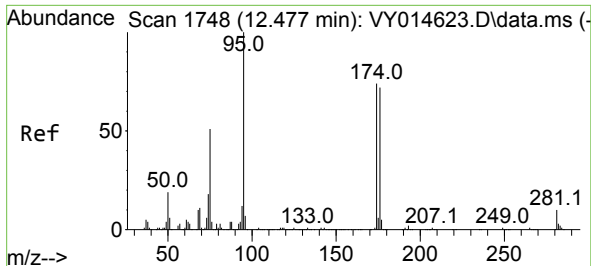
Tgt Ion:117 Resp: 14585
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.790 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

Tgt Ion: 98 Resp: 315338
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

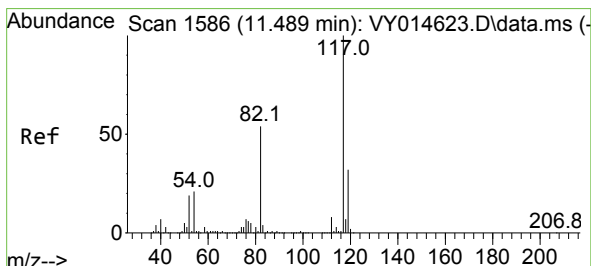
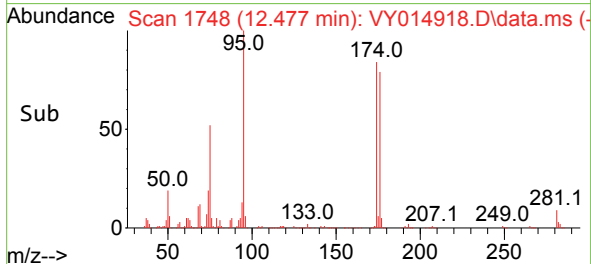
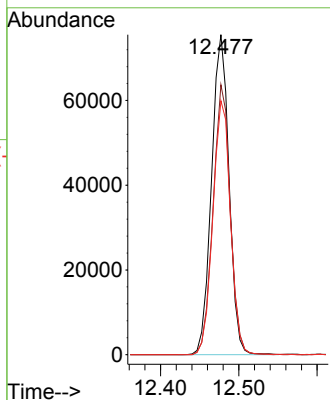
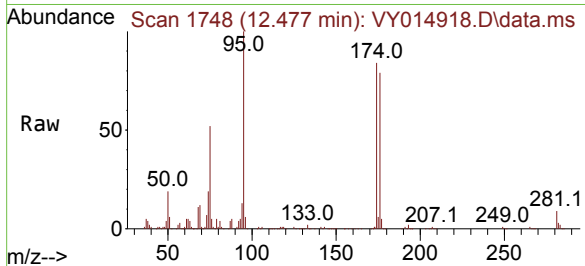




#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

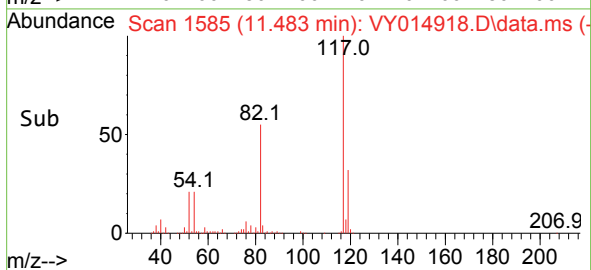
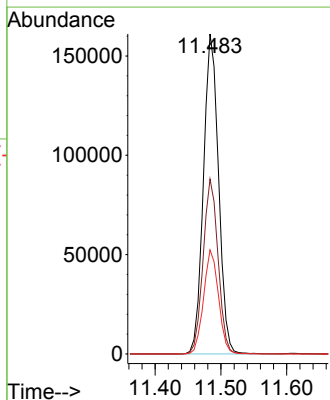
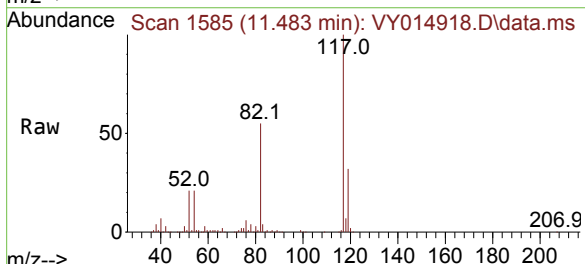
Instrument :
MSVOA_Y
ClientSampleId :
B-P2B

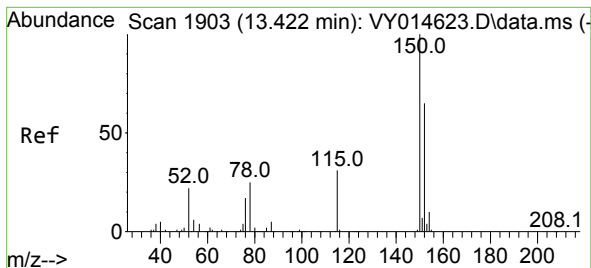
Tgt Ion: 95 Resp: 116888
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 80.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014918.D
Acq: 28 Jul 2023 18:57

Tgt Ion: 117 Resp: 257742
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.5 26.3 39.5

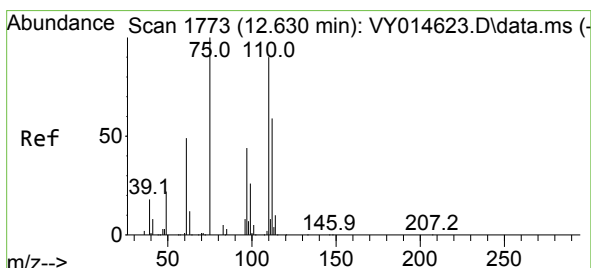
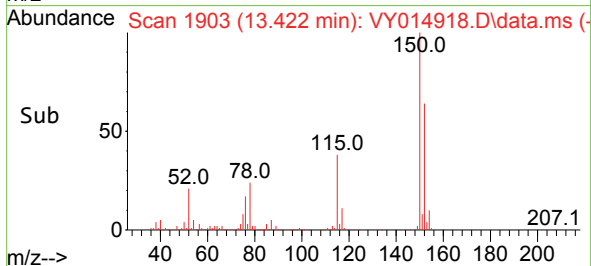
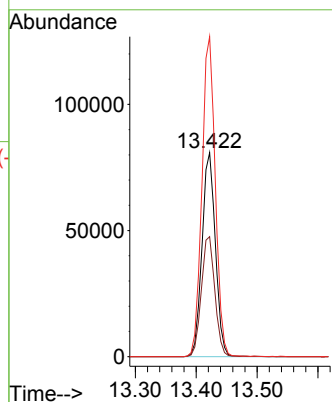
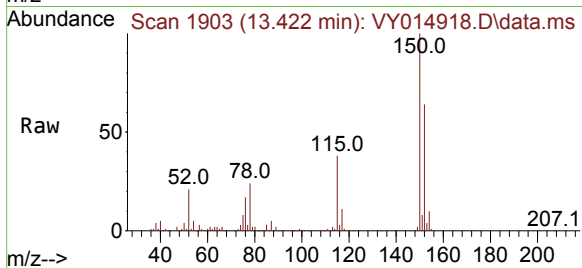




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014918.D
 Acq: 28 Jul 2023 18:57

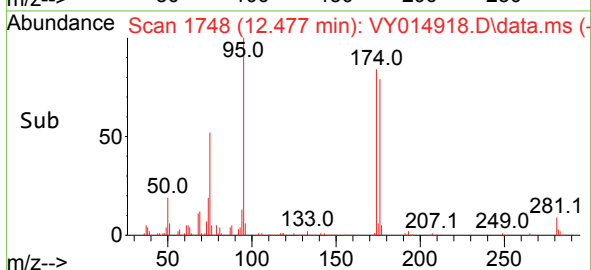
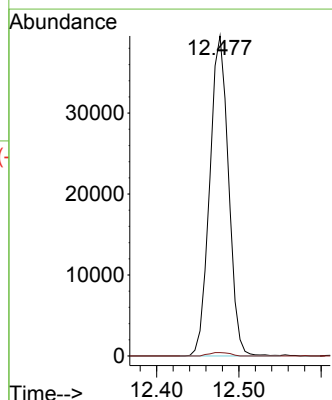
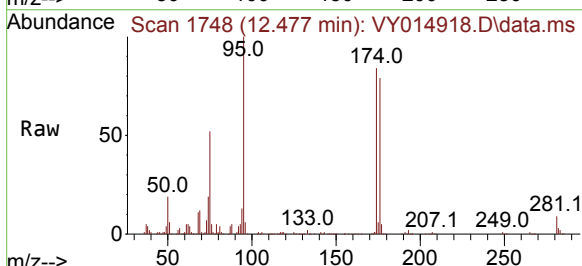
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2B

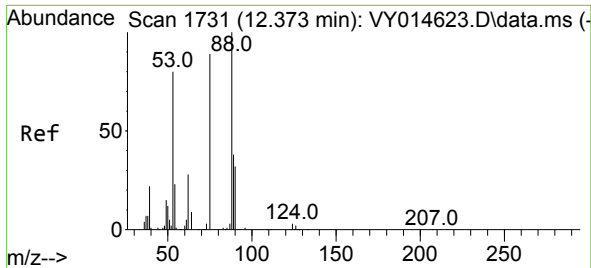
Tgt Ion:152 Resp: 123603
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.5
 150 156.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.265 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014918.D
 Acq: 28 Jul 2023 18:57

Tgt Ion: 75 Resp: 62856
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.960 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014918.D
 Acq: 28 Jul 2023 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2B

Tgt Ion: 75 Resp: 62856
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

