

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018024.D
 Acq On : 23 Apr 2024 15:02
 Operator : SY/MD
 Sample : P2244-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:14:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

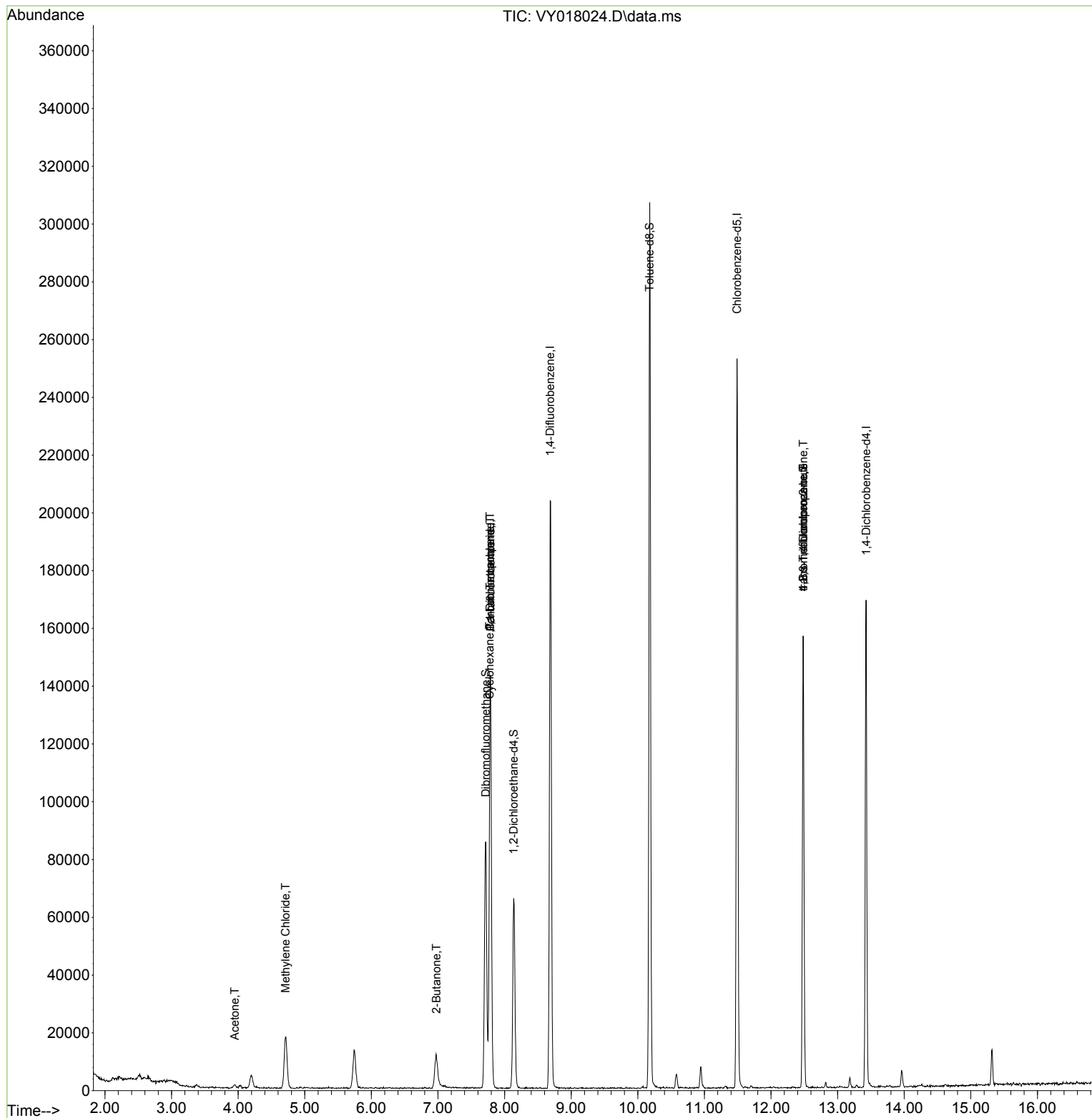
Internal Standards						
1) Pentafluorobenzene	7.789	168	118104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51483	50.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.716	113	61392	52.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.179	98	210403	47.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.483	95	46442	33.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	266	Below Cal	#	88
16) Acetone	3.948	43	1975	9.780	ug/l	90
20) Methylene Chloride	4.710	84	14340	10.481	ug/l	96
25) 2-Butanone	6.978	43	552	1.860	ug/l #	41
31) Cyclohexane	7.777	56	2475	1.267	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	8952	5.288	ug/l #	48
38) Carbon Tetrachloride	7.783	117	10978	6.419	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	22455	50.704	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22455	104.543	ug/l #	16

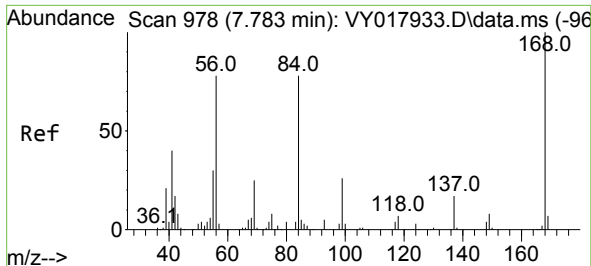
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
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MSVOA_Y
ClientSampleId :

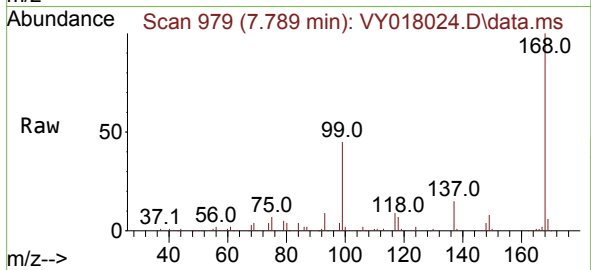
Quant Time: Apr 24 01:14:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
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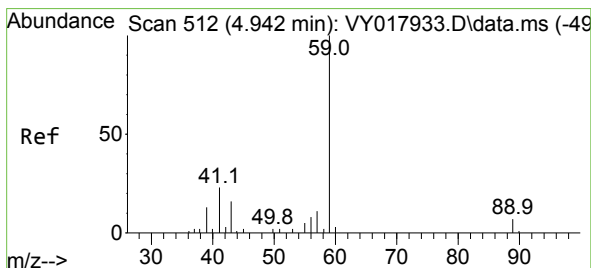
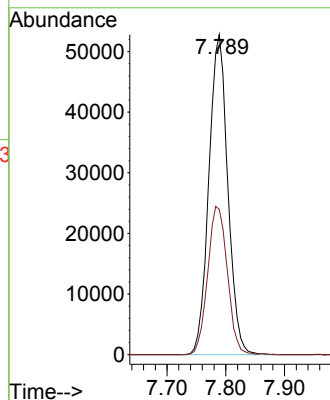
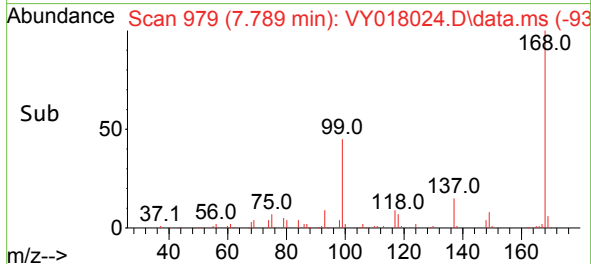


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :

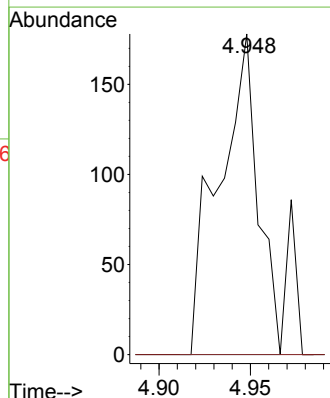
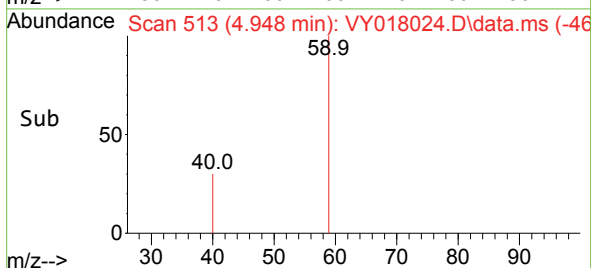
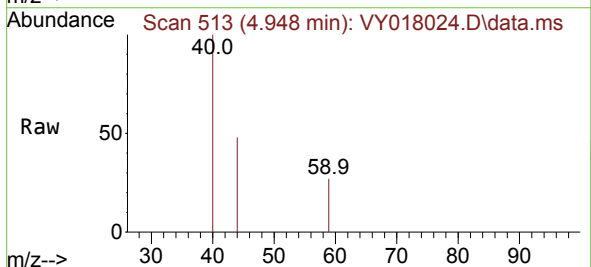


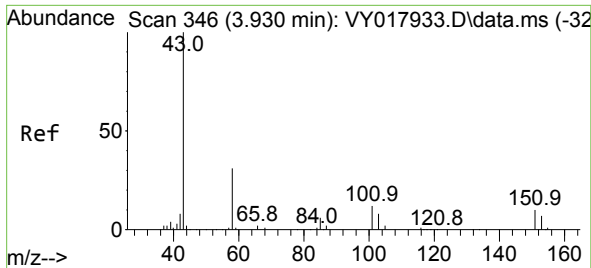
Tgt Ion:168 Resp: 118104
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

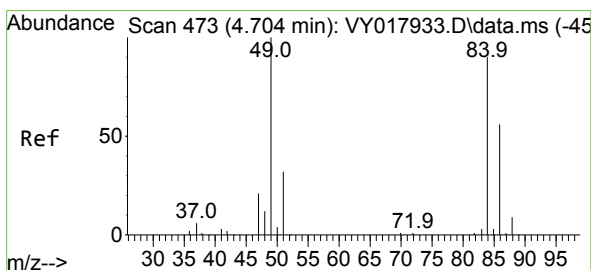
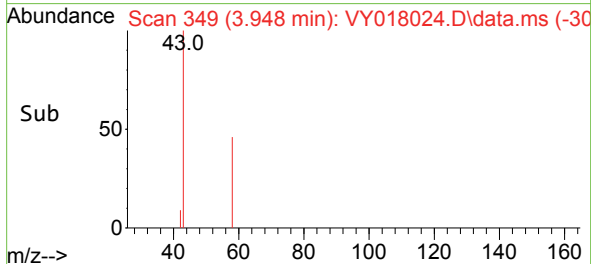
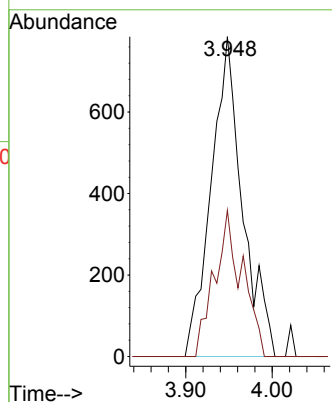
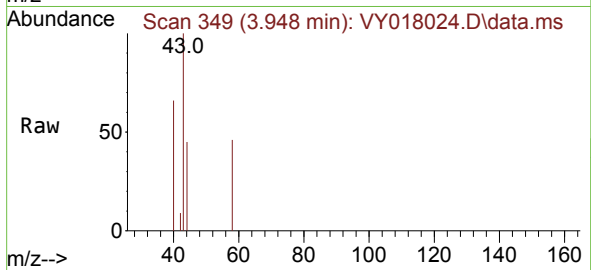




#16
Acetone
Concen: 9.780 ug/l
RT: 3.948 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

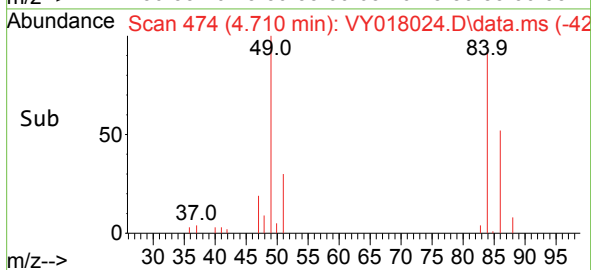
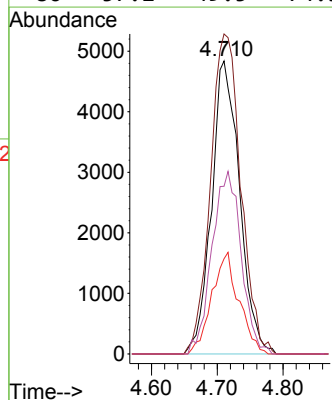
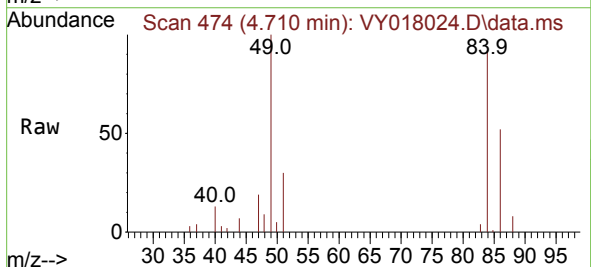
Instrument :
MSVOA_Y
ClientSampleId :

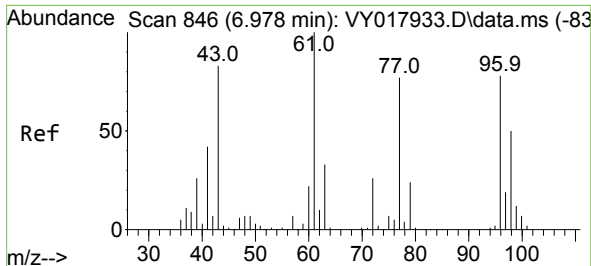
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 45.7 31.7 47.5



#20
Methylene Chloride
Concen: 10.481 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 84 Resp: 14340
Ion Ratio Lower Upper
84 100
49 109.2 84.4 126.6
51 32.5 26.0 39.0
86 57.2 49.5 74.3

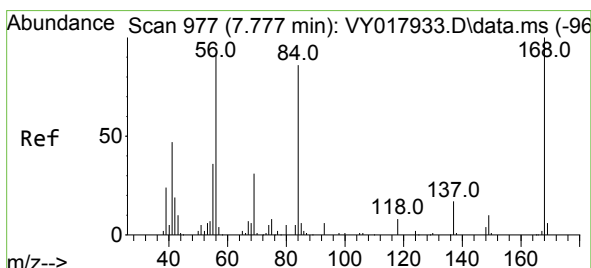
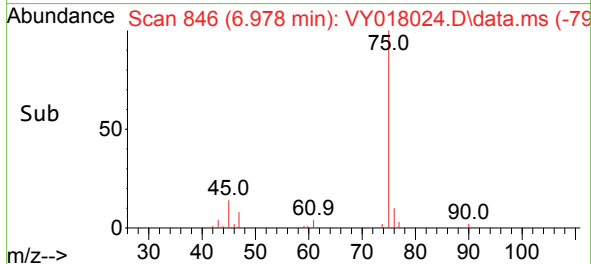
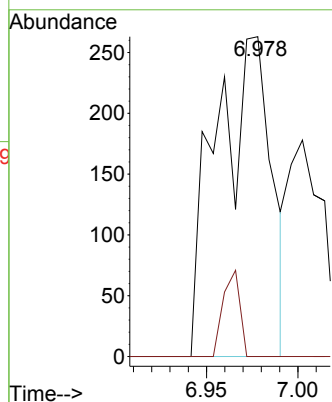
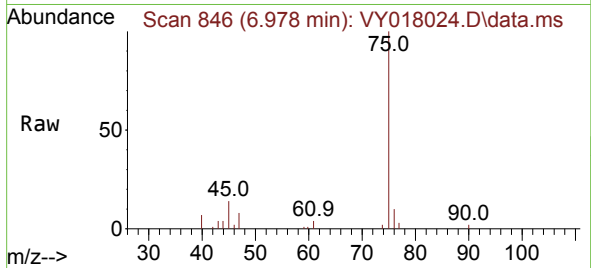




#25
2-Butanone
Concen: 1.860 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

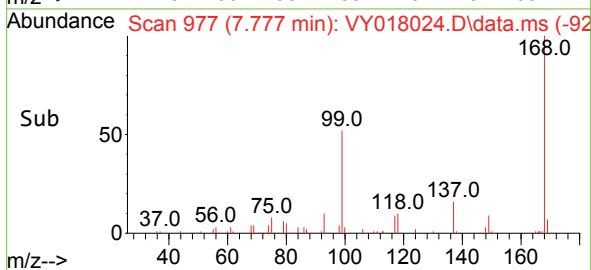
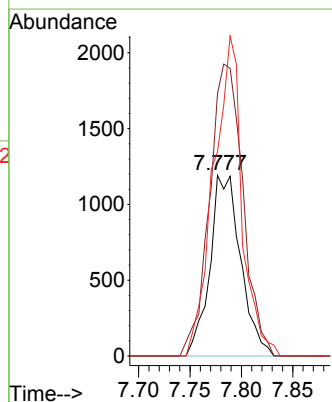
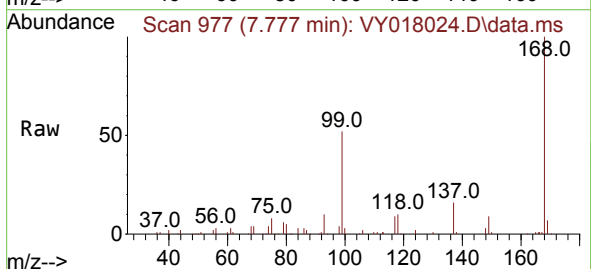
Instrument :
MSVOA_Y
ClientSampleId :

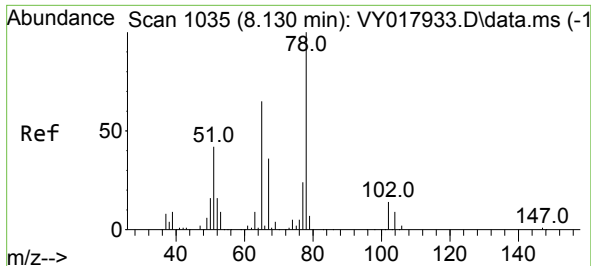
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 56 Resp: 2475
Ion Ratio Lower Upper
56 100
69 145.1 28.7 43.1#
84 113.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 50.373 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

Instrument :

MSVOA_Y

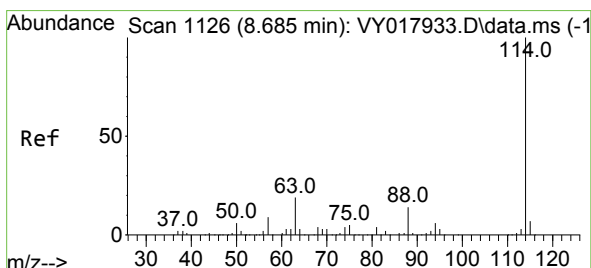
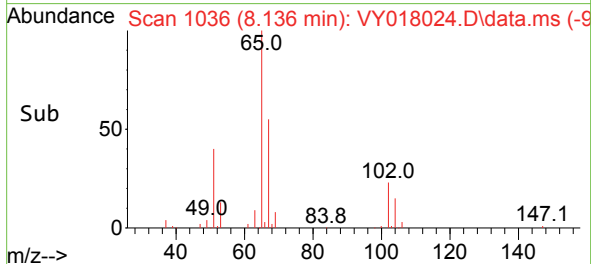
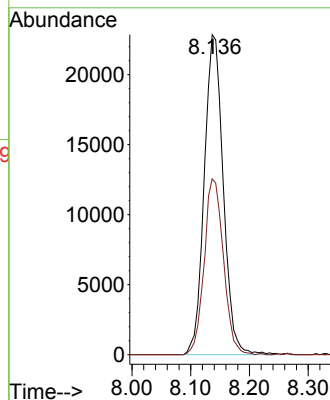
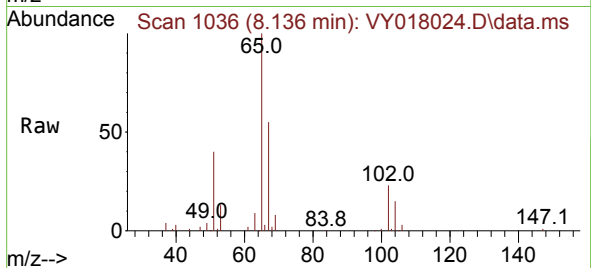
ClientSampleId :

Tgt Ion: 65 Resp: 51483

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

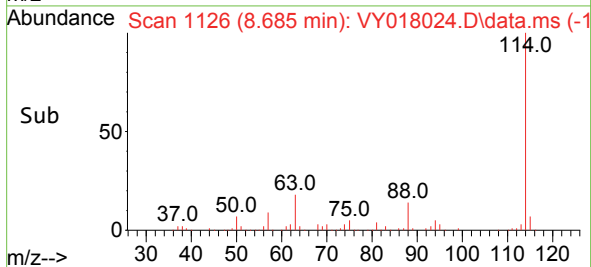
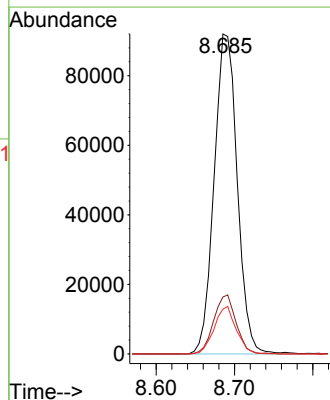
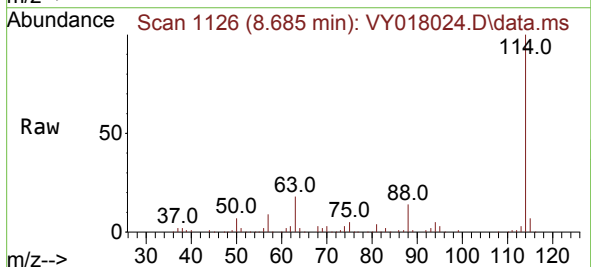
Tgt Ion:114 Resp: 188673

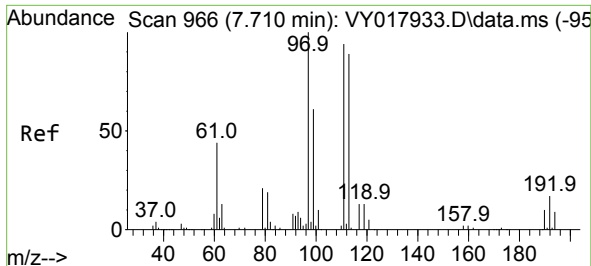
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

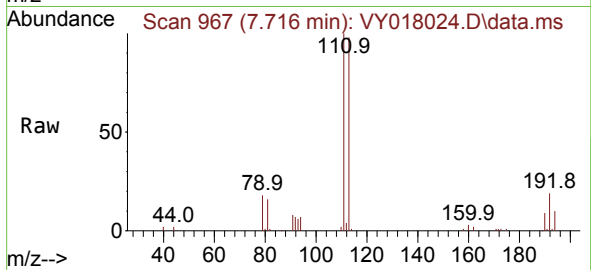
88 14.0 0.0 27.2



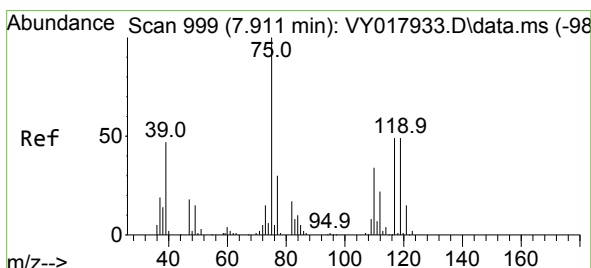
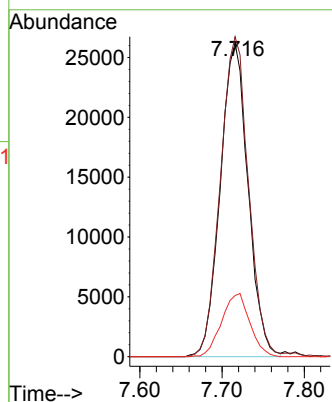
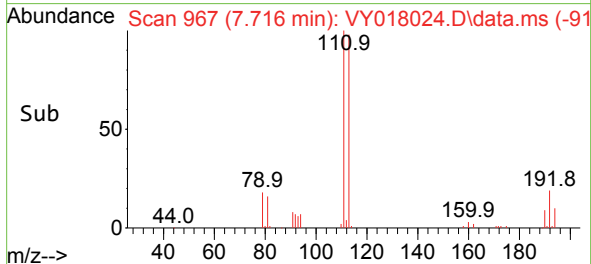


#35
Dibromofluoromethane
Concen: 52.742 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

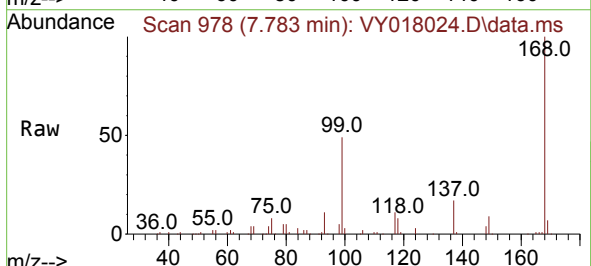
Instrument :
MSVOA_Y
ClientSampleId :



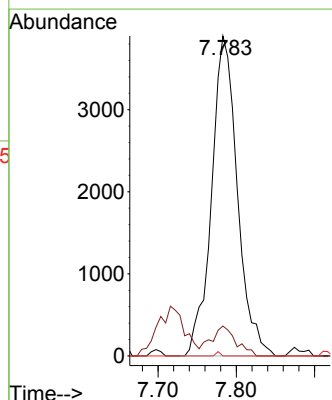
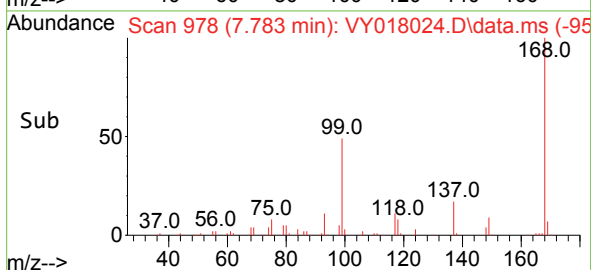
Tgt Ion:113 Resp: 61392
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 20.5 15.9 23.9

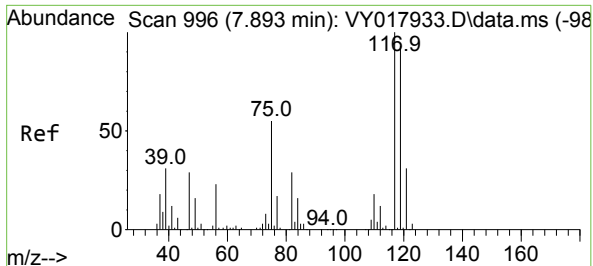


#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02



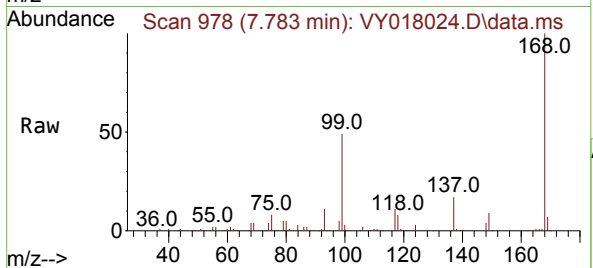
Tgt Ion: 75 Resp: 8952
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.2 25.3 37.9#



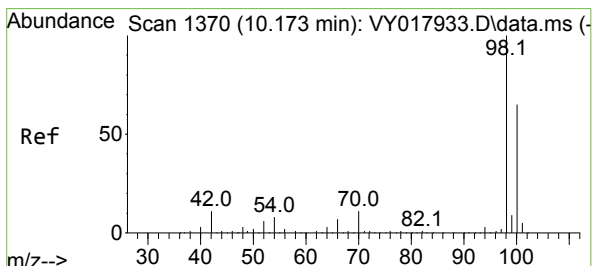
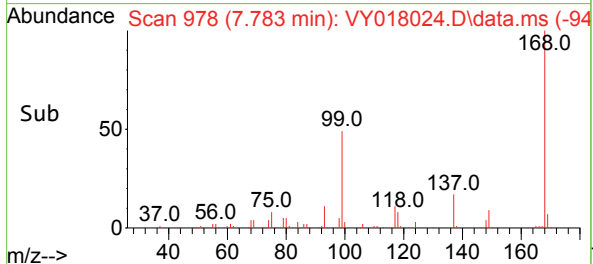
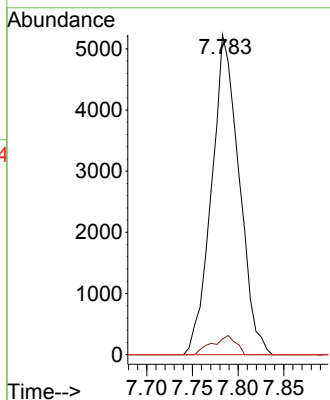


#38
Carbon Tetrachloride
Concen: 6.419 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :

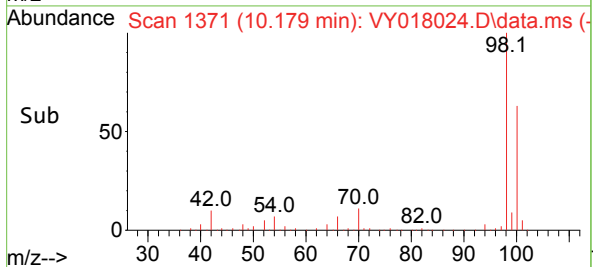
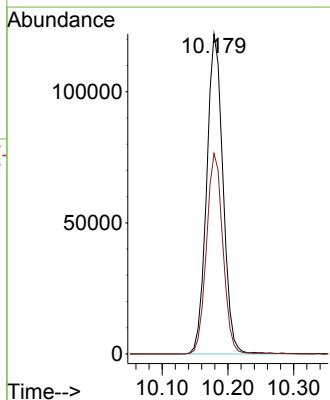
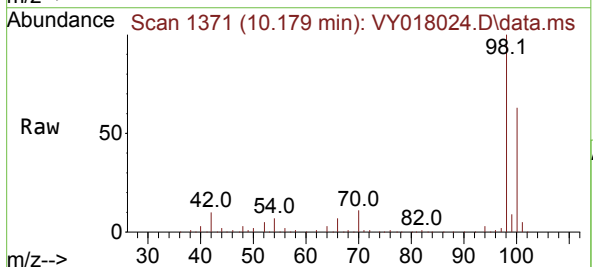


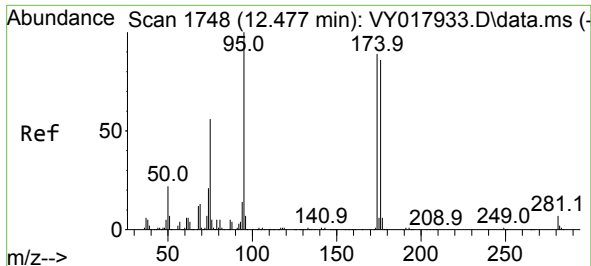
Tgt Ion:117 Resp: 10978
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.637 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 98 Resp: 210403
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

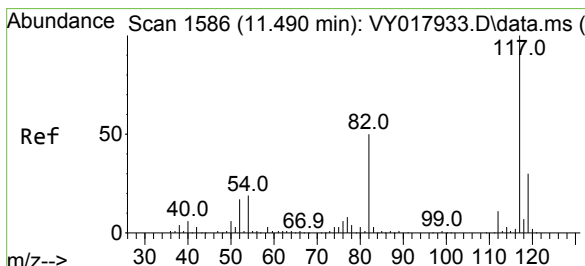
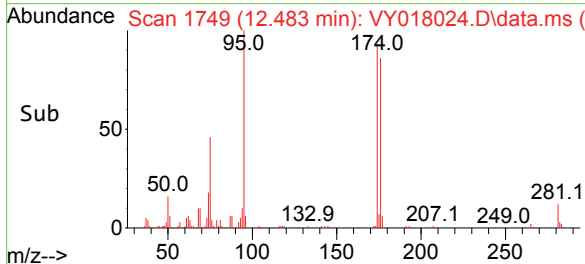
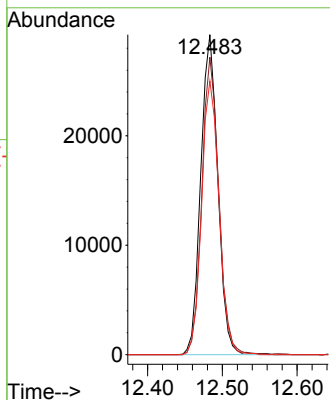
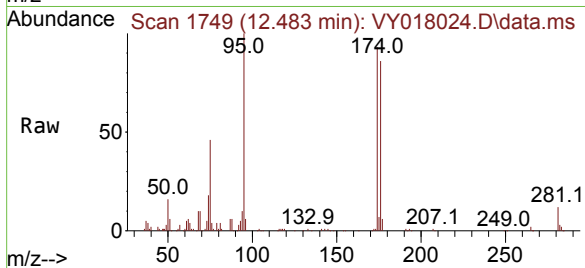




#62
4-Bromofluorobenzene
Concen: 33.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

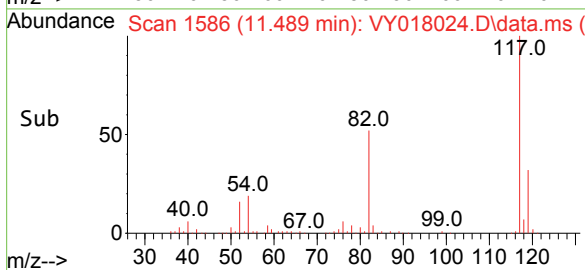
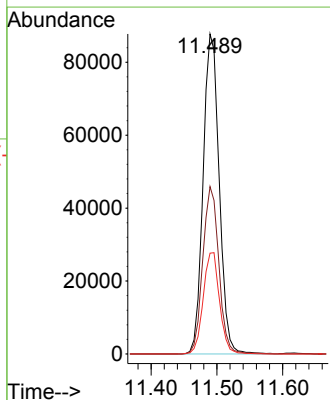
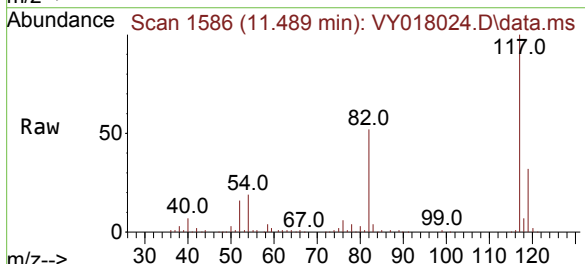
Instrument :
MSVOA_Y
ClientSampleId :

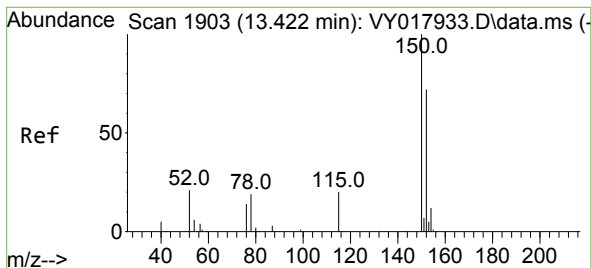
Tgt Ion: 95 Resp: 46442
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 117 Resp: 149457
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

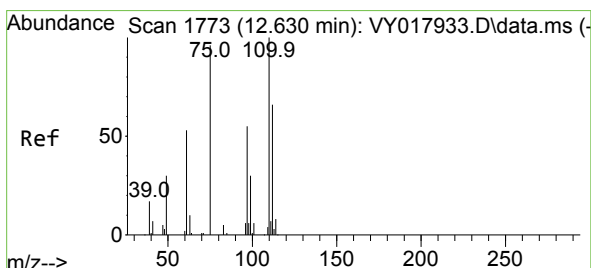
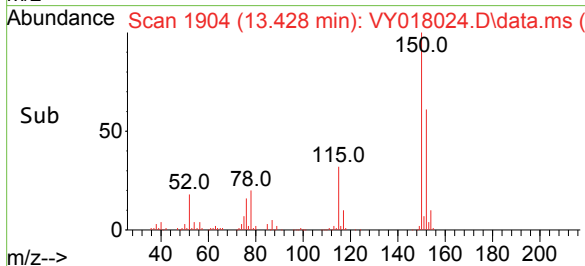
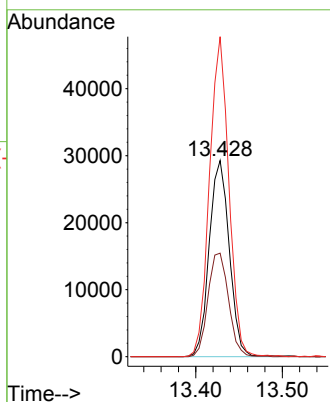
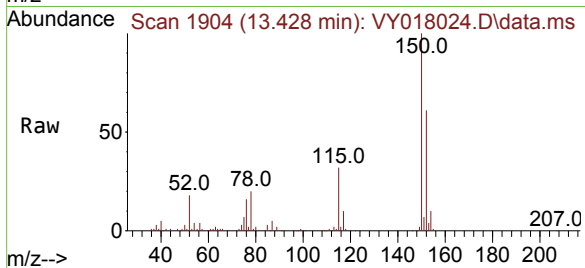
Tgt Ion:152 Resp: 47194

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 156.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 50.704 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018024.D

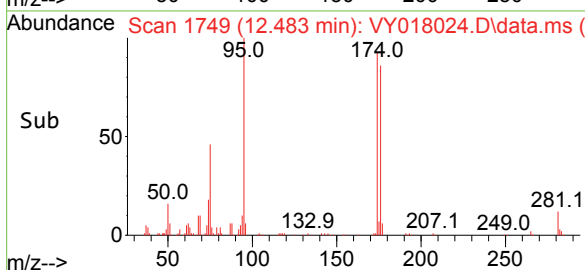
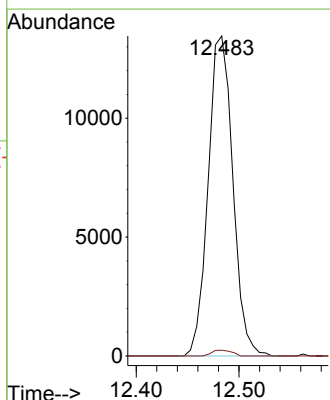
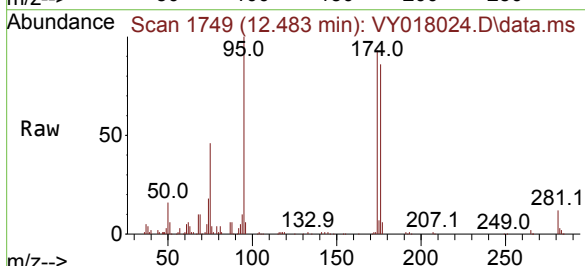
Acq: 23 Apr 2024 15:02

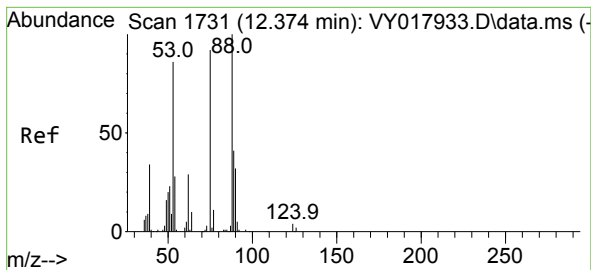
Tgt Ion: 75 Resp: 22455

Ion Ratio Lower Upper

75 100

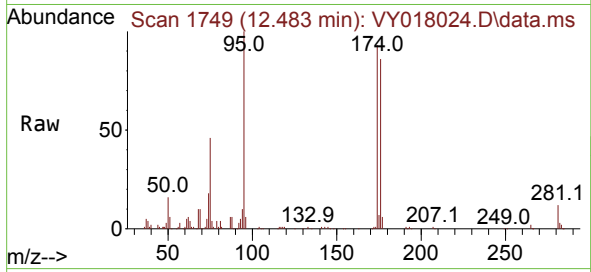
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.543 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018024.D
 Acq: 23 Apr 2024 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 22455
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 35.8 53.6#

