

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018055.D
 Acq On : 26 Apr 2024 12:14
 Operator : SY/MD
 Sample : VY0426SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:05:26 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)

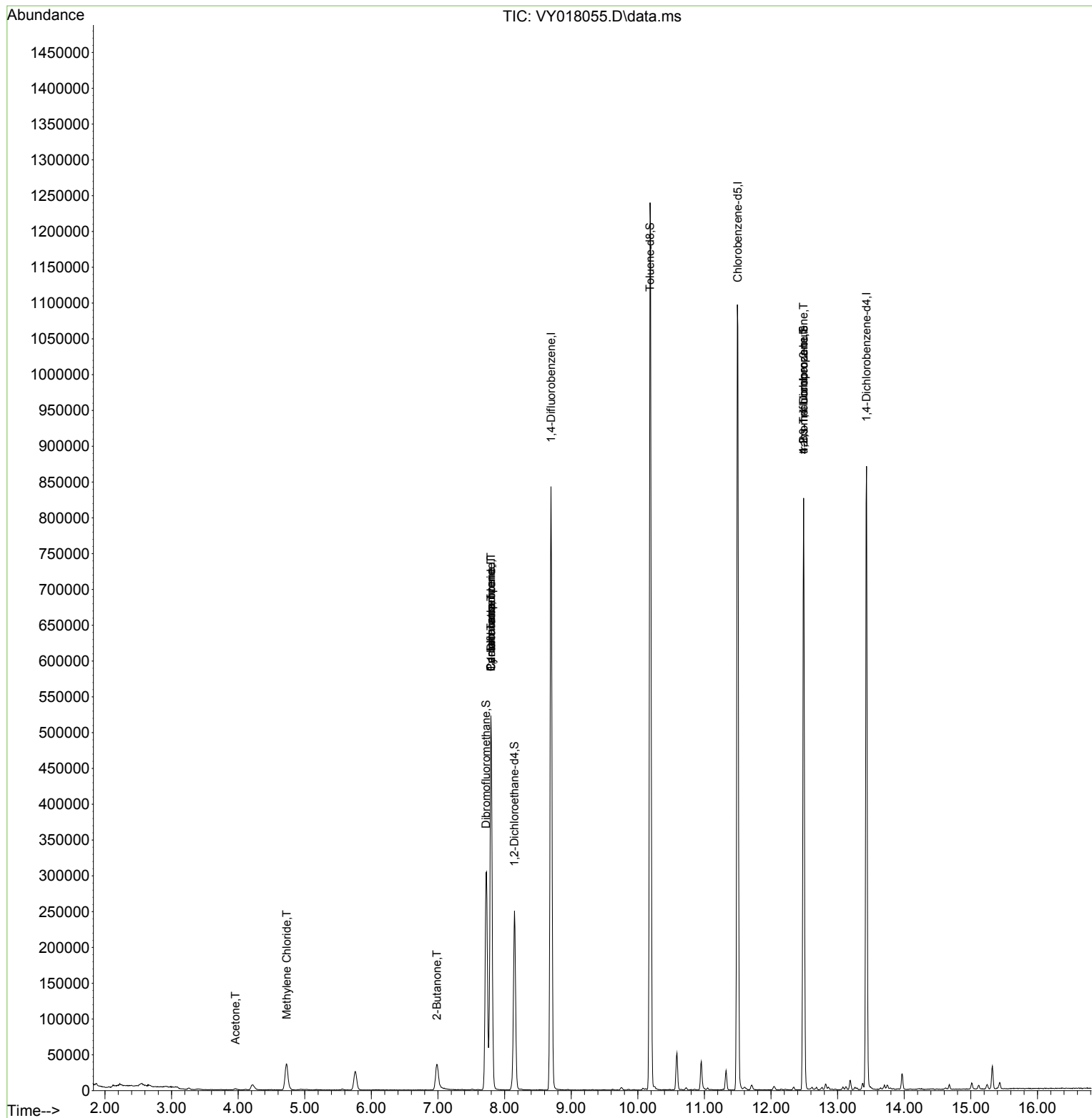
Internal Standards						
1) Pentafluorobenzene	7.795	168	443426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	760276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	660049	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	241984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	184929	48.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.722	113	226880	48.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.185	98	864105	48.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.489	95	233497	42.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	755	Below Cal	#	88
16) Acetone	3.960	43	2857	3.768	ug/l	98
20) Methylene Chloride	4.728	84	29793	5.800	ug/l	97
25) 2-Butanone	6.984	43	2235	2.005	ug/l #	58
31) Cyclohexane	7.795	56	7656	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	29833	4.374	ug/l #	47
38) Carbon Tetrachloride	7.795	117	39083	5.671	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	114050	50.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	114050	103.557	ug/l #	16

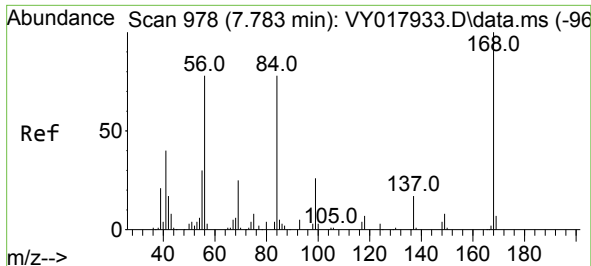
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
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Quant Title : SW846 8260
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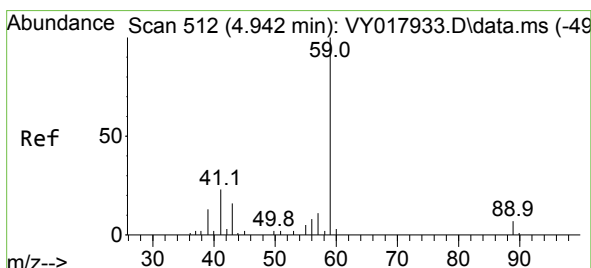
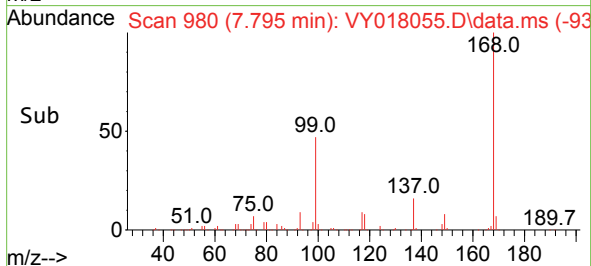
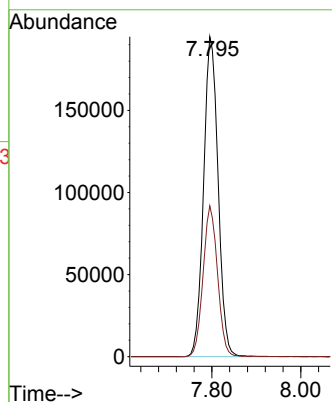
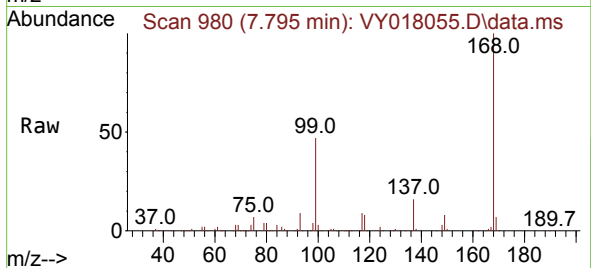




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

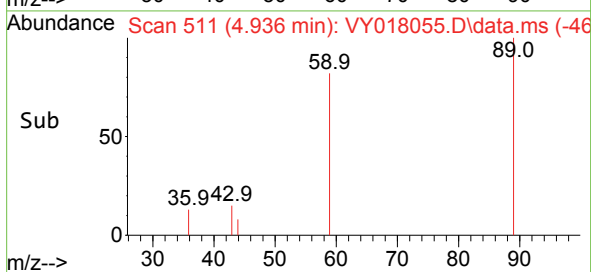
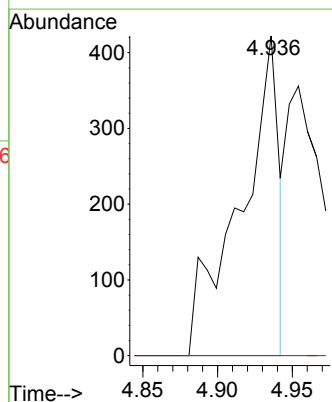
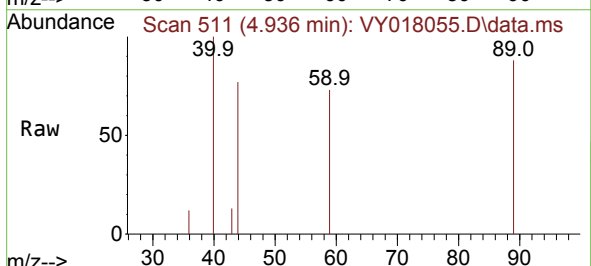
Instrument :
MSVOA_Y
ClientSampleId :

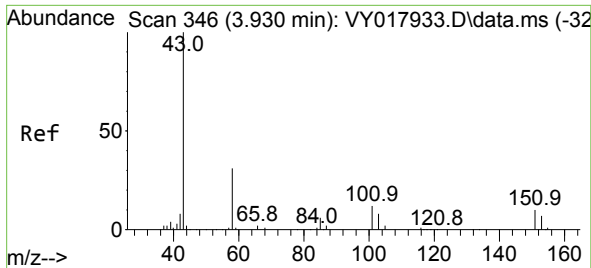
Tgt Ion:168 Resp: 443426
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion: 59 Resp: 755
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

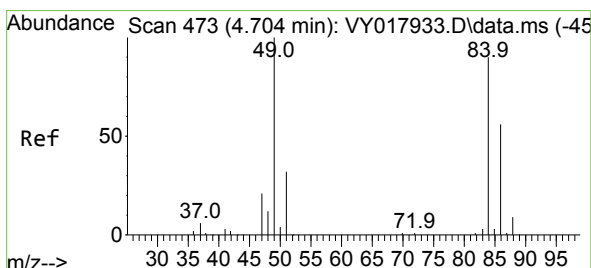
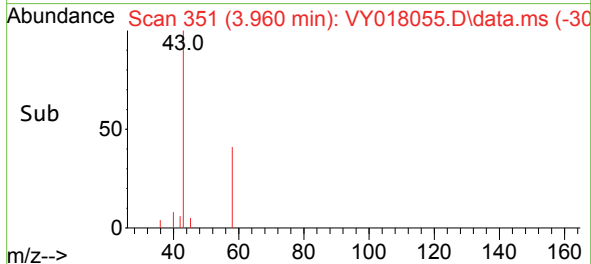
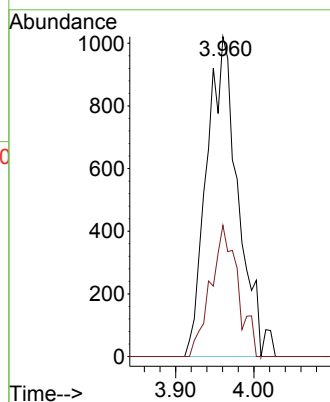
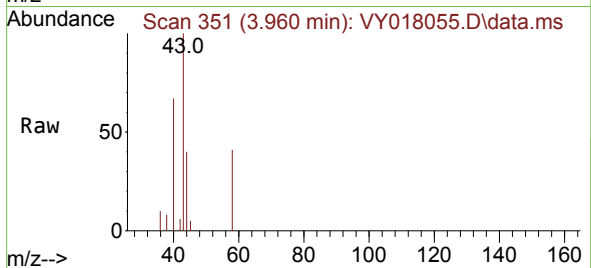




#16
Acetone
Concen: 3.768 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

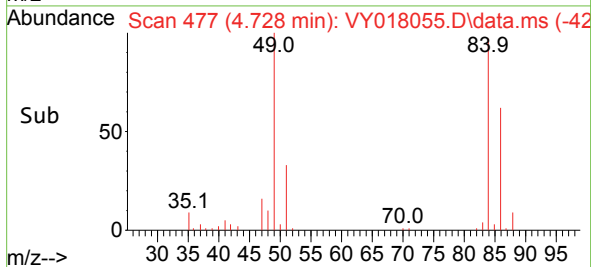
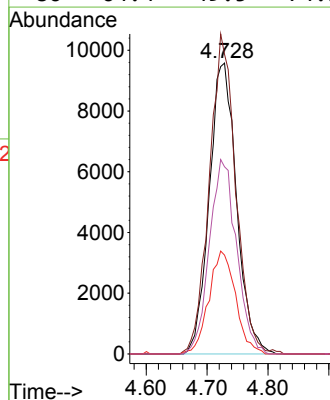
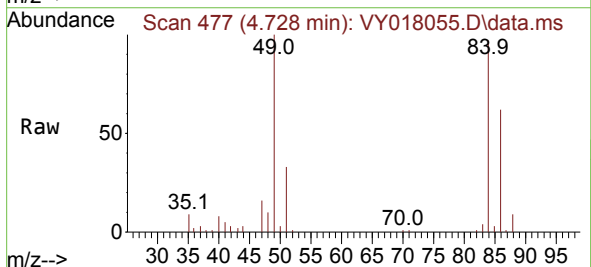
Instrument :
MSVOA_Y
ClientSampleId :

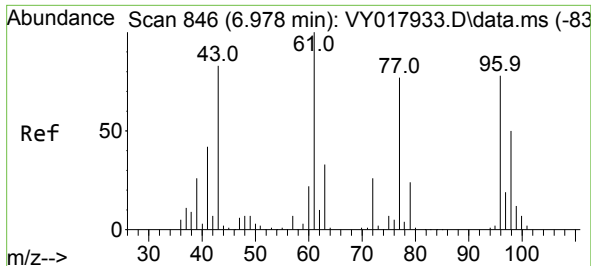
Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
58 41.0 31.7 47.5



#20
Methylene Chloride
Concen: 5.800 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion: 84 Resp: 29793
Ion Ratio Lower Upper
84 100
49 103.0 84.4 126.6
51 34.0 26.0 39.0
86 64.4 49.5 74.3

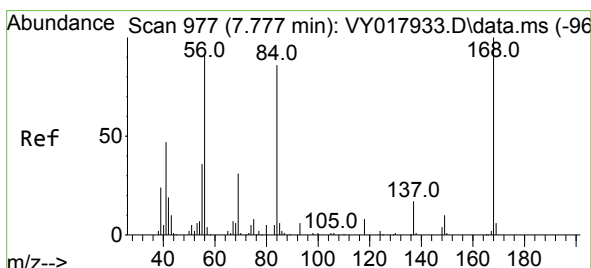
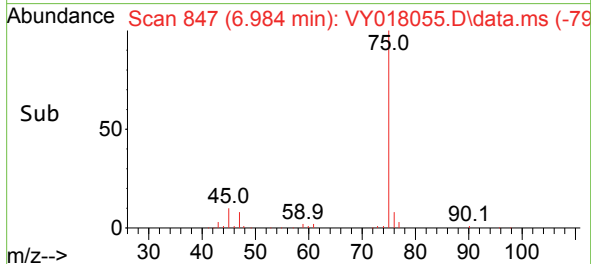
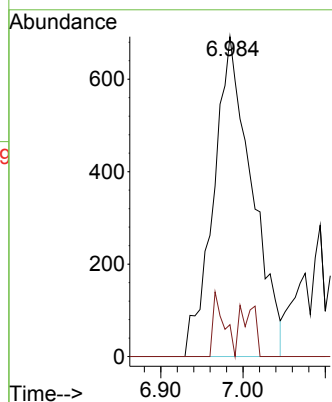
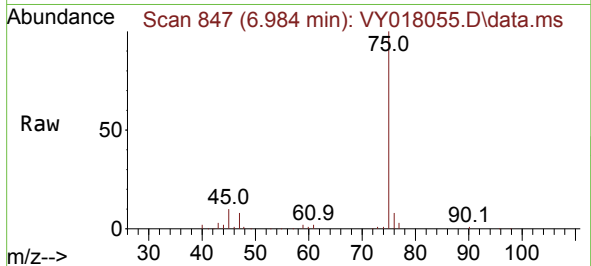




#25
2-Butanone
Concen: 2.005 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

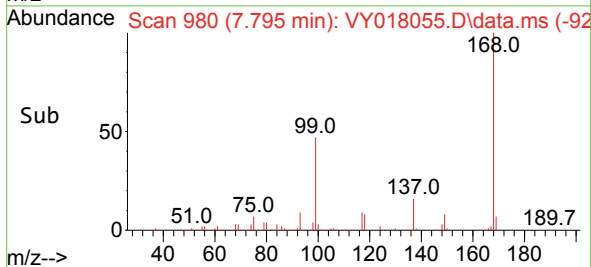
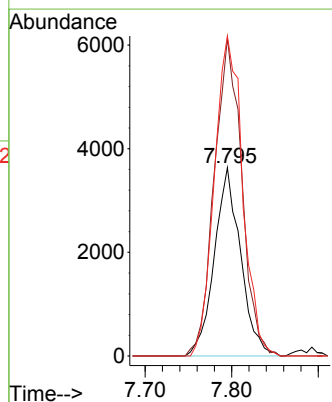
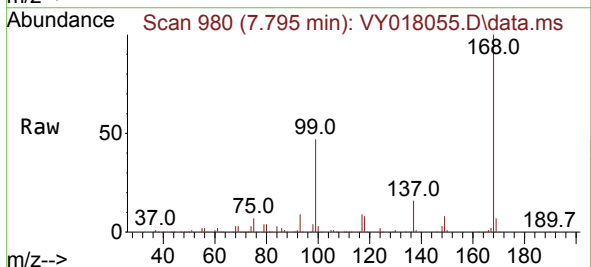
Instrument :
MSVOA_Y
ClientSampleId :

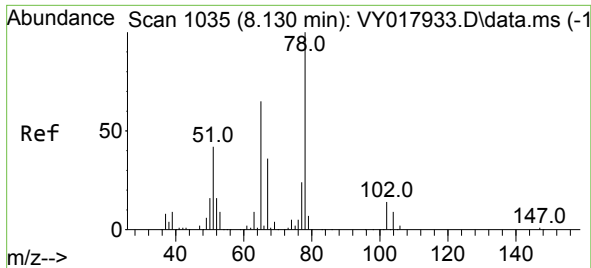
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
72 10.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion: 56 Resp: 7656
Ion Ratio Lower Upper
56 100
69 168.7 28.7 43.1#
84 169.9 77.7 116.5#

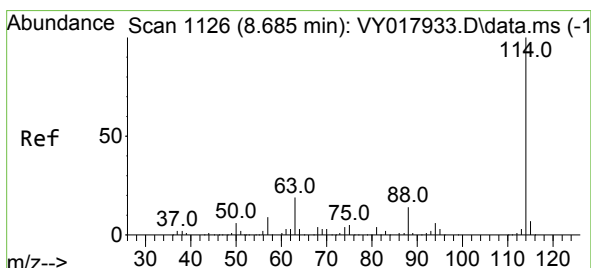
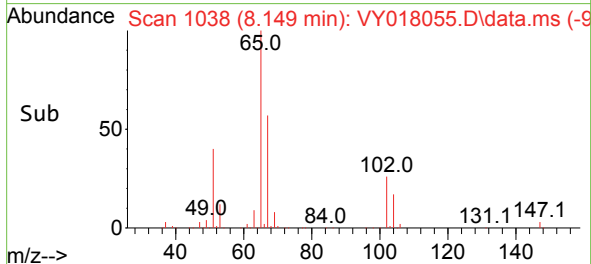
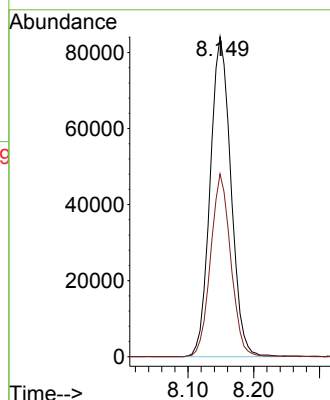
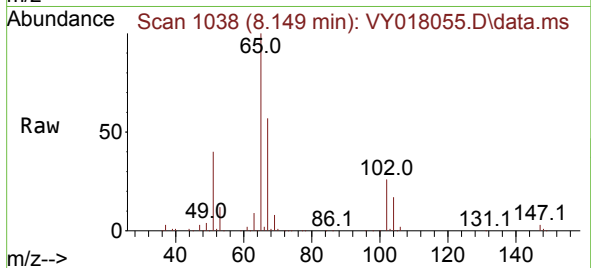




#33
 1,2-Dichloroethane-d4
 Concen: 48.193 ug/l
 RT: 8.149 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VY018055.D
 Acq: 26 Apr 2024 12:14

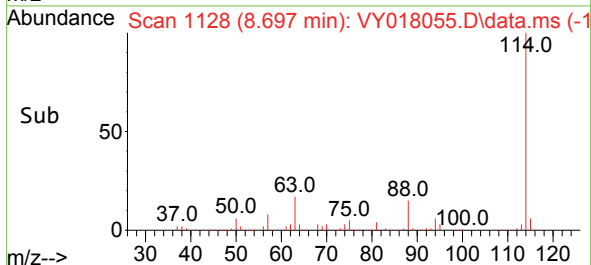
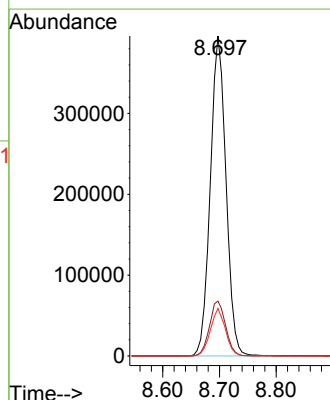
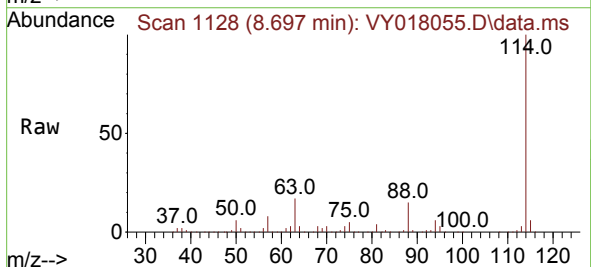
Instrument :
 MSVOA_Y
 ClientSampleId :

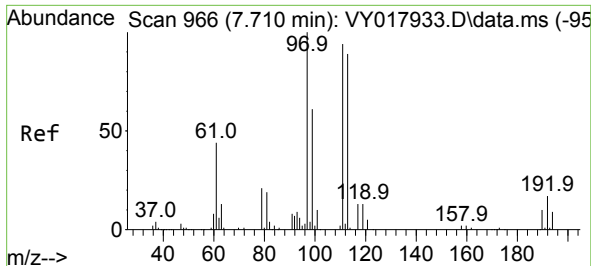
Tgt Ion: 65 Resp: 184929
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY018055.D
 Acq: 26 Apr 2024 12:14

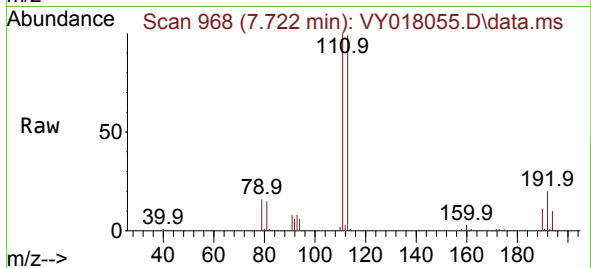
Tgt Ion: 114 Resp: 760276
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.8 0.0 27.2



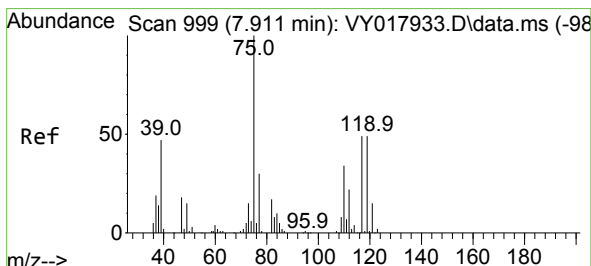
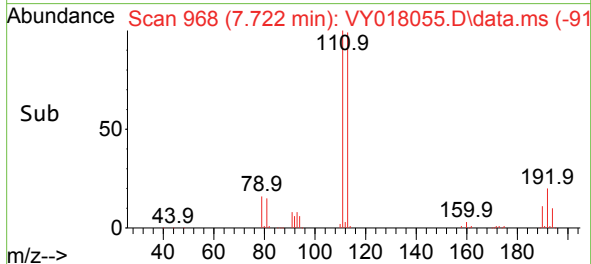
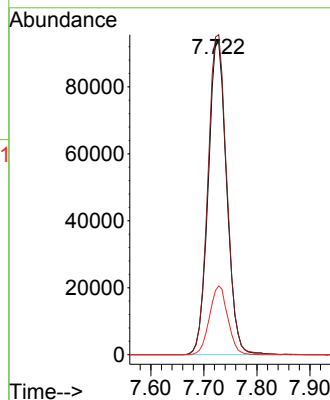


#35
Dibromofluoromethane
Concen: 48.371 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

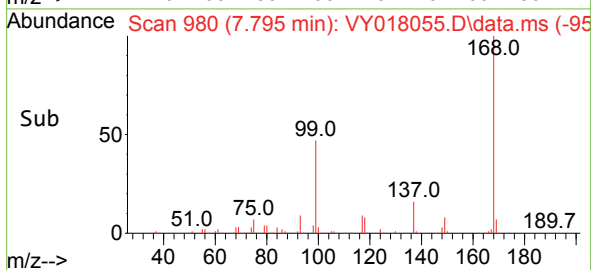
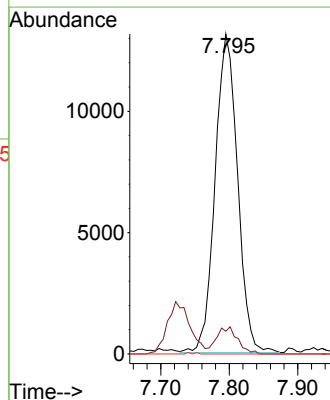
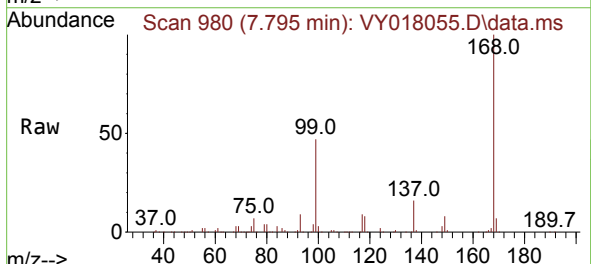


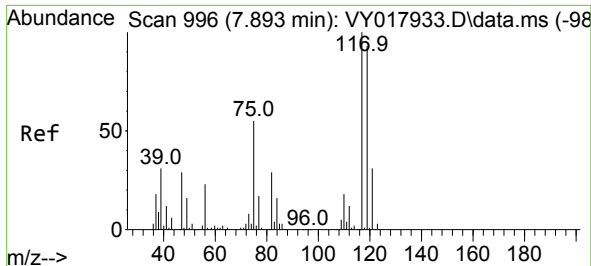
Tgt Ion:113 Resp: 226880
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

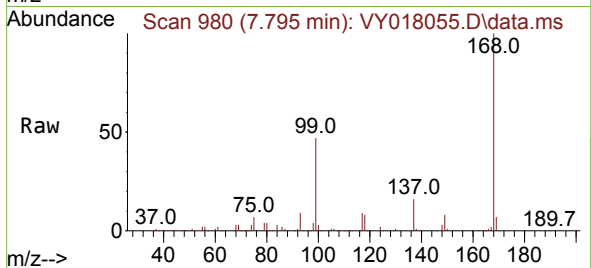
Tgt Ion: 75 Resp: 29833
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#



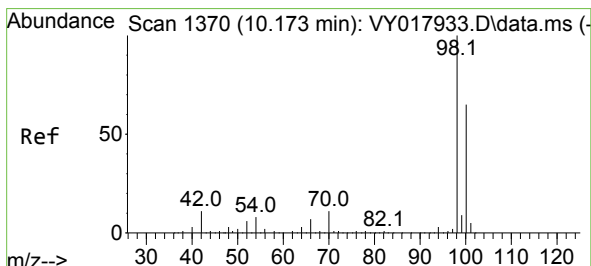
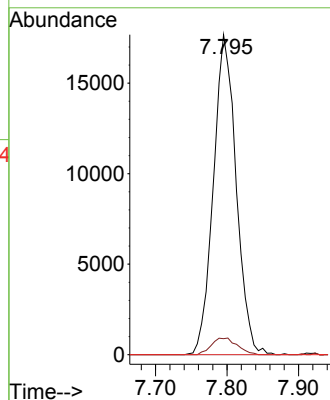
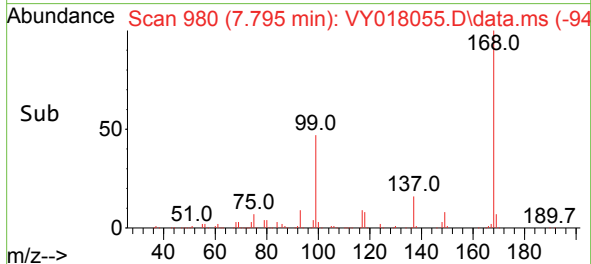


#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

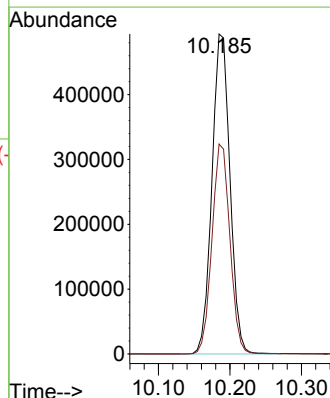
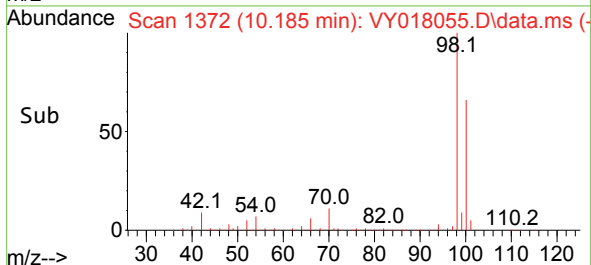
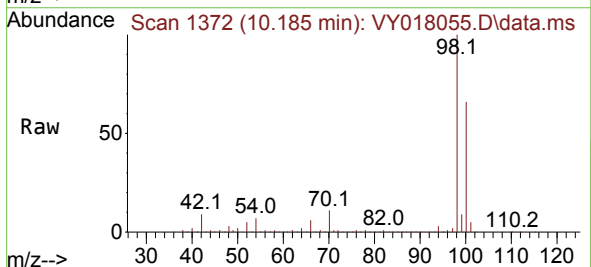


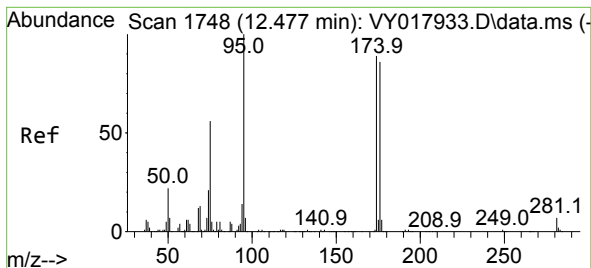
Tgt Ion:117 Resp: 39083
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

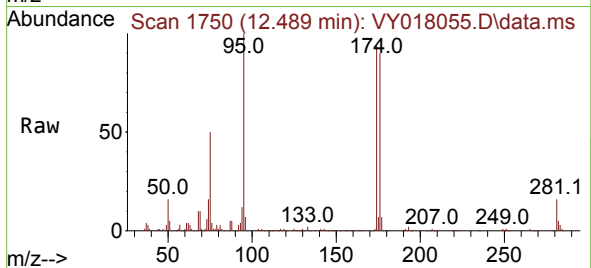
Tgt Ion: 98 Resp: 864105
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



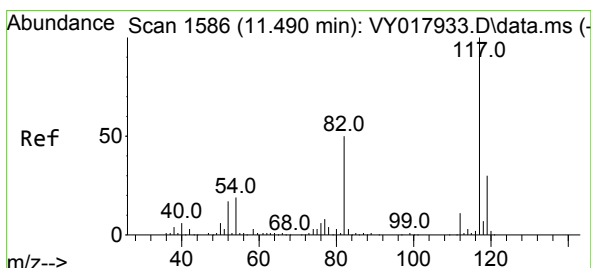
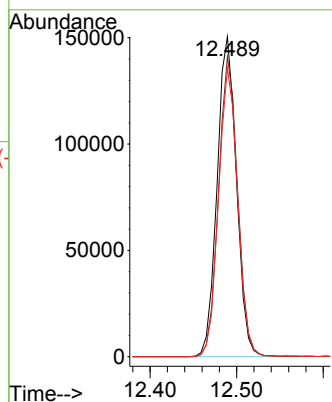
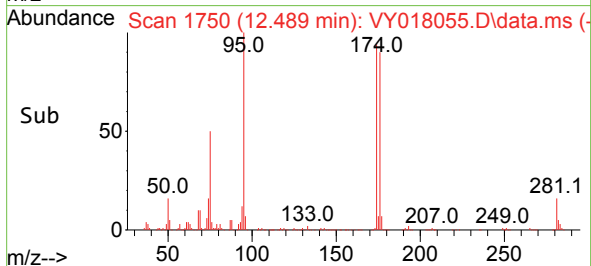


#62
4-Bromofluorobenzene
Concen: 42.361 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

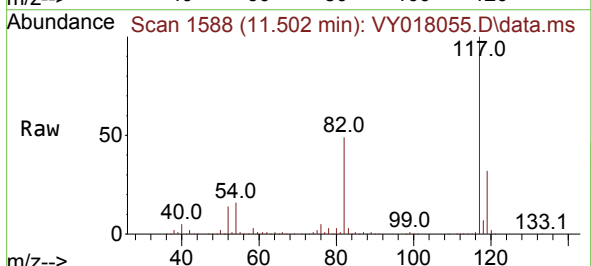
Instrument :
MSVOA_Y
ClientSampleId :



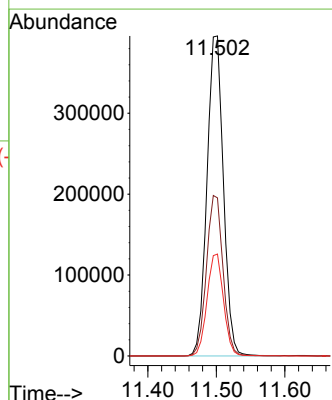
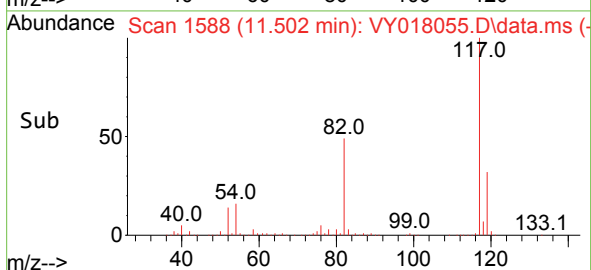
Tgt Ion: 95 Resp: 233497
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 89.1 0.0 171.4

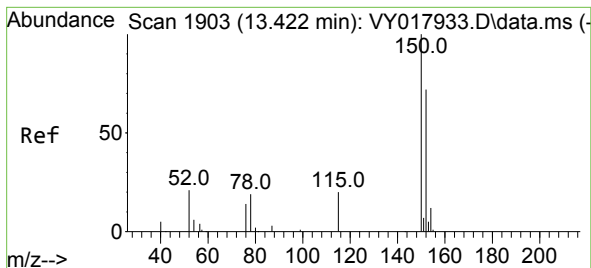


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14



Tgt Ion: 117 Resp: 660049
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018055.D

Acq: 26 Apr 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

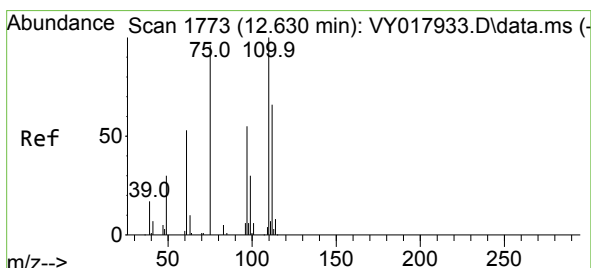
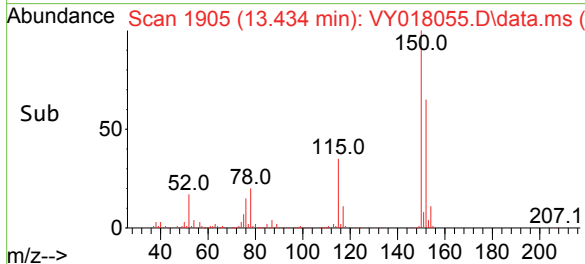
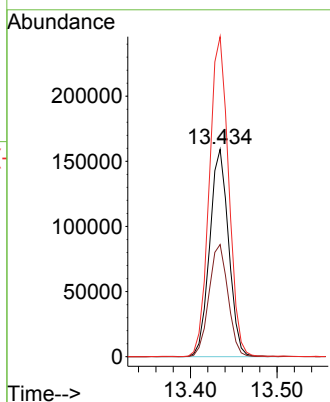
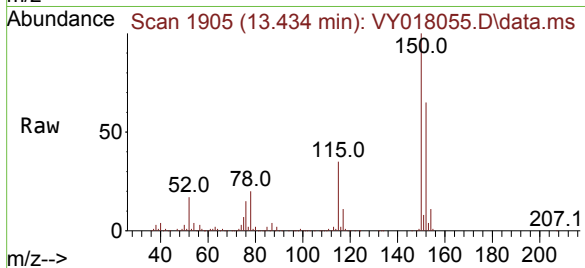
Tgt Ion:152 Resp: 241984

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 50.226 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY018055.D

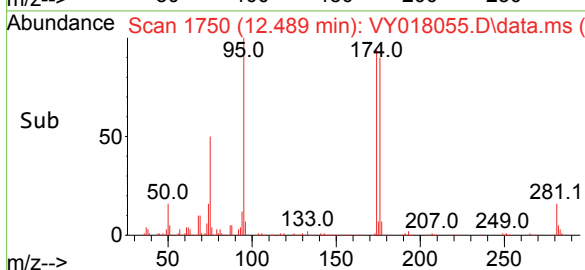
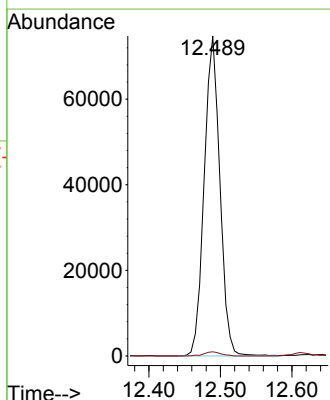
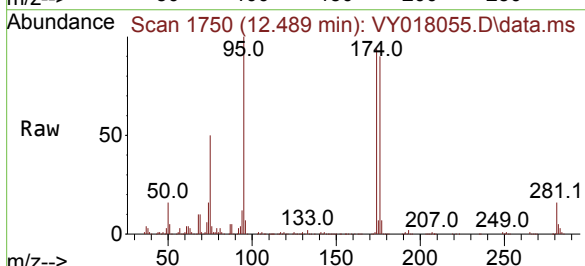
Acq: 26 Apr 2024 12:14

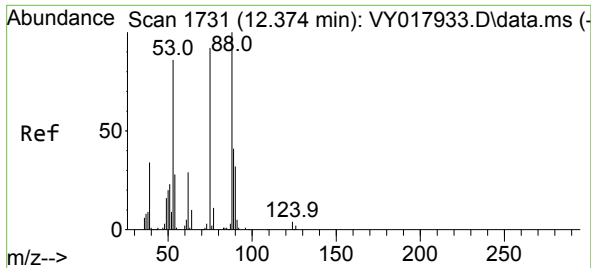
Tgt Ion: 75 Resp: 114050

Ion Ratio Lower Upper

75 100

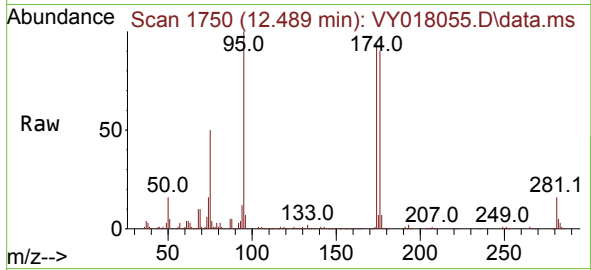
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.557 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018055.D
 Acq: 26 Apr 2024 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 114050
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.2 35.8 53.6#

