

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018061.D
 Acq On : 26 Apr 2024 14:39
 Operator : SY/MD
 Sample : P2274-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:08:43 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)

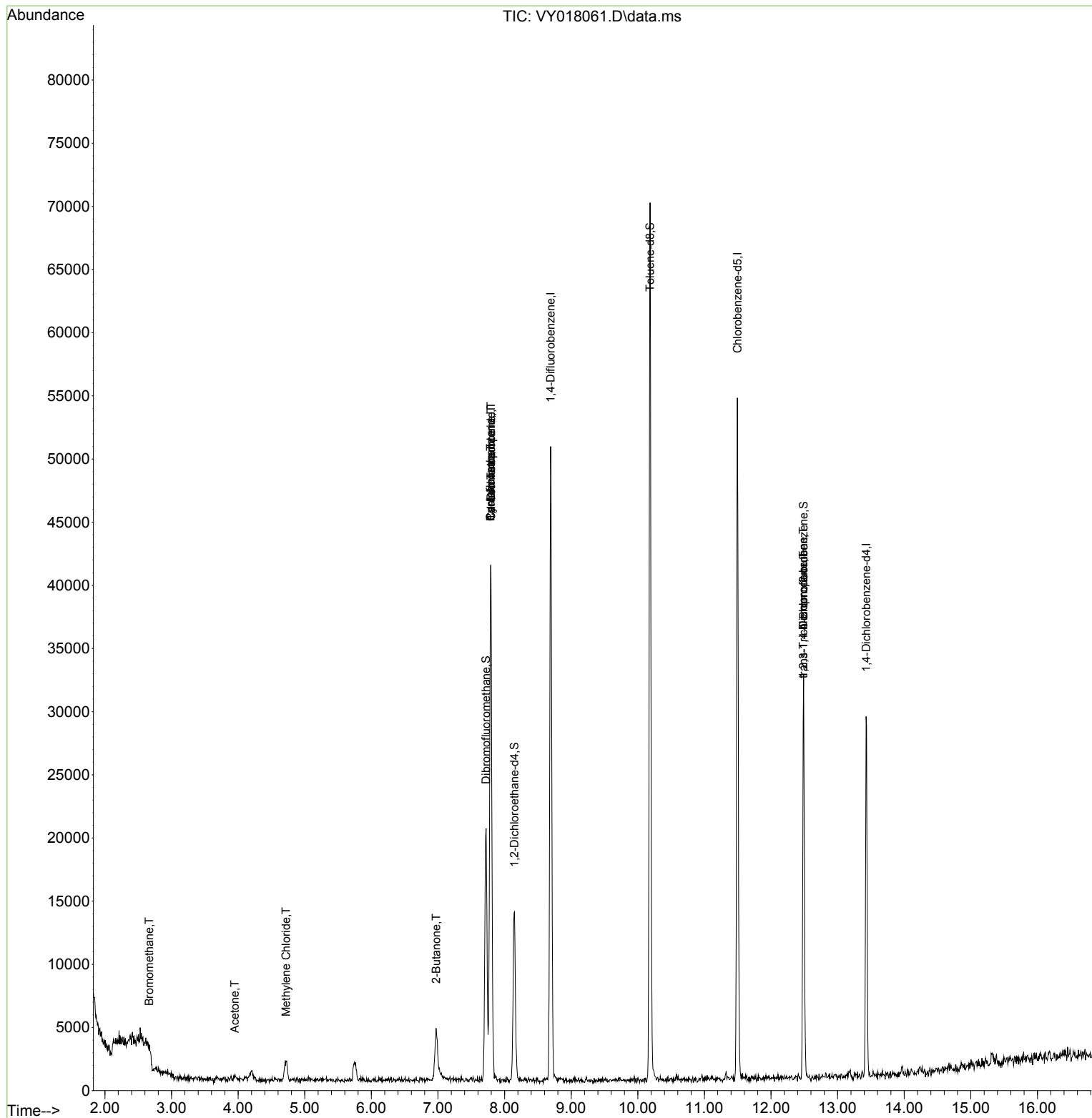
Internal Standards						
1) Pentafluorobenzene	7.789	168	36781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	48219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	33907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11181	35.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.260%
35) Dibromofluoromethane	7.722	113	14579	49.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.185	98	50233	44.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.489	95	9621	27.521	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	372	1.026	ug/l #	74
16) Acetone	3.948	43	665	10.574	ug/l #	70
20) Methylene Chloride	4.716	84	1474	3.459	ug/l #	82
25) 2-Butanone	6.972	43	93	1.006	ug/l #	41
31) Cyclohexane	7.789	56	614	1.009	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	2275	5.259	ug/l #	45
38) Carbon Tetrachloride	7.795	117	3225	7.379	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	4043	49.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4043	102.768	ug/l #	16

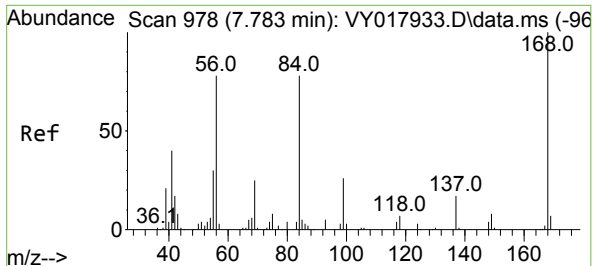
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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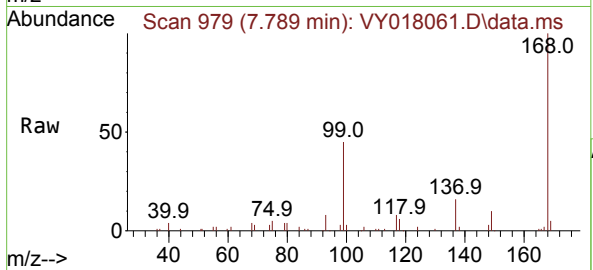
Quant Time: Apr 27 01:08:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
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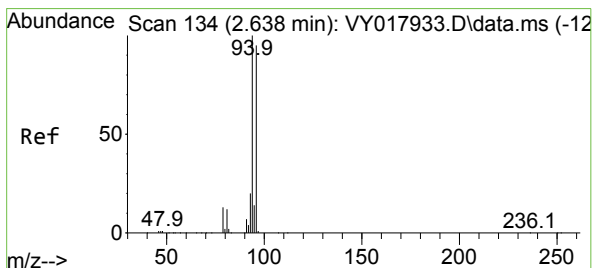
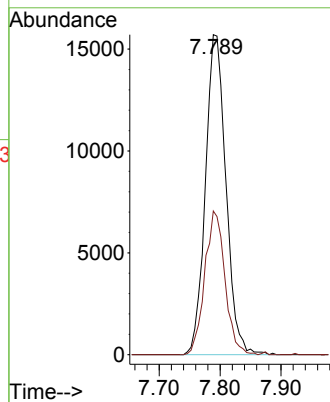
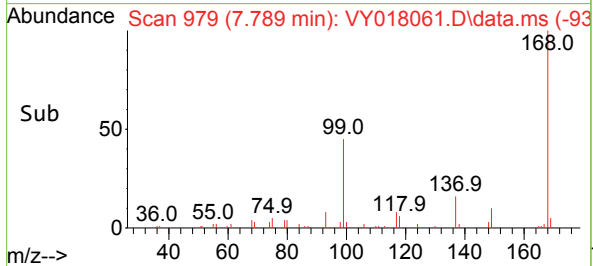


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

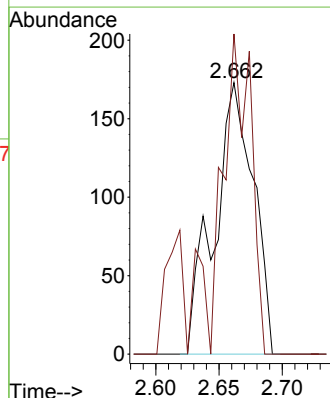
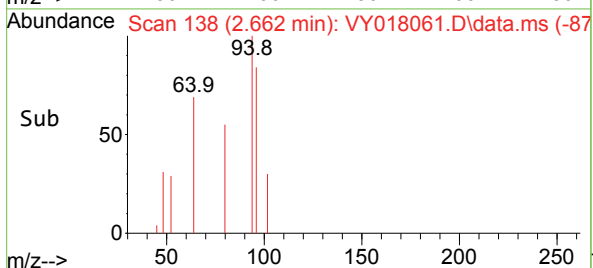
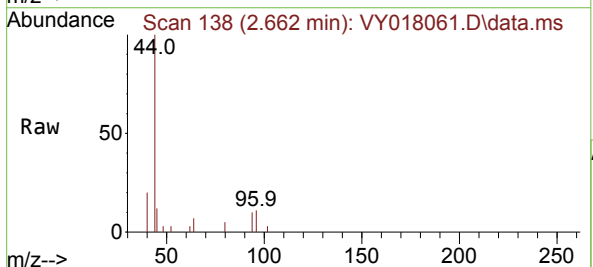


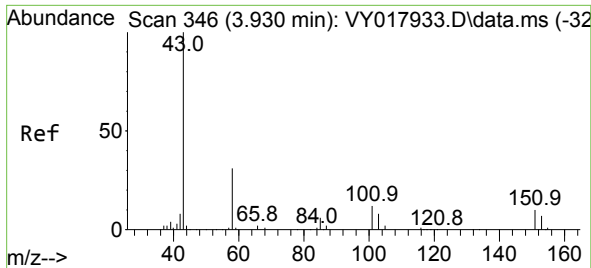
Tgt Ion:168 Resp: 36781
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#5
Bromomethane
Concen: 1.026 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 117.9 74.1 111.1#

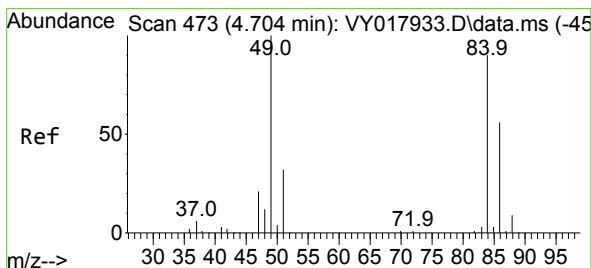
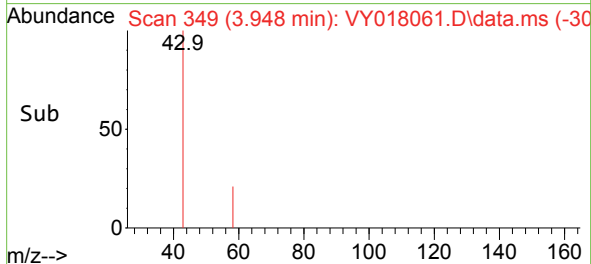
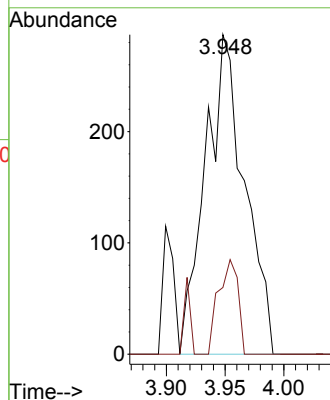
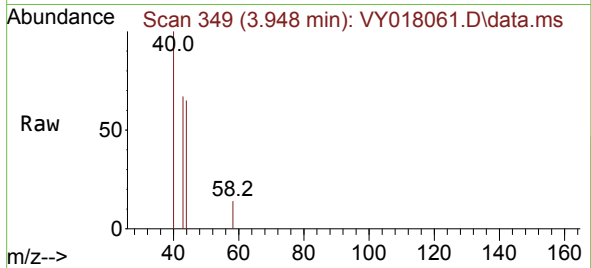




#16
Acetone
Concen: 10.574 ug/l
RT: 3.948 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

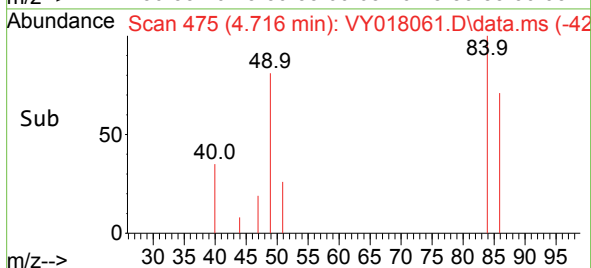
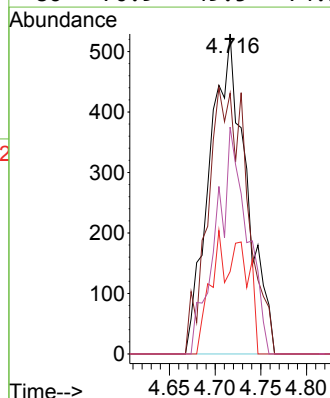
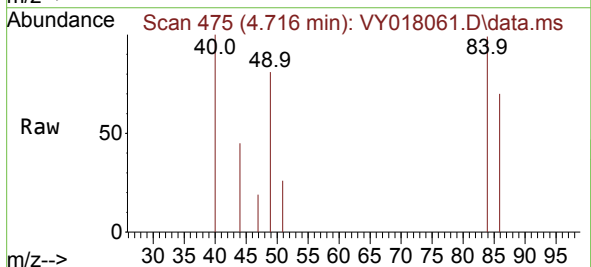
Instrument :
MSVOA_Y
ClientSampleId :

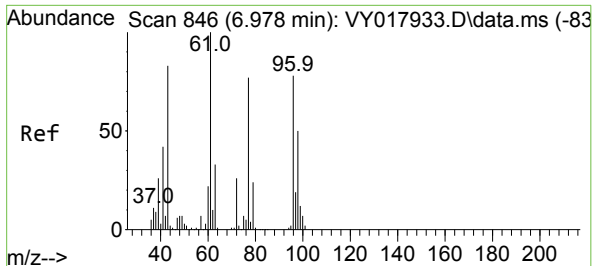
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 20.9 31.7 47.5#



#20
Methylene Chloride
Concen: 3.459 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Tgt Ion: 84 Resp: 1474
Ion Ratio Lower Upper
84 100
49 81.5 84.4 126.6#
51 25.7 26.0 39.0#
86 70.9 49.5 74.3





#25

2-Butanone

Concen: 1.006 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY018061.D

Acq: 26 Apr 2024 14:39

Instrument :

MSVOA_Y

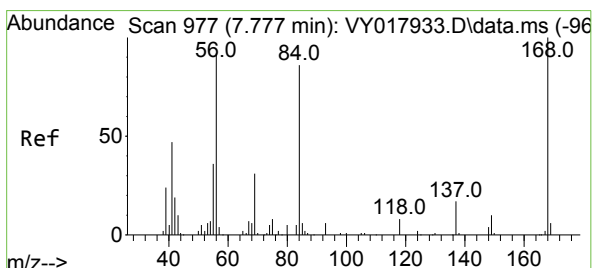
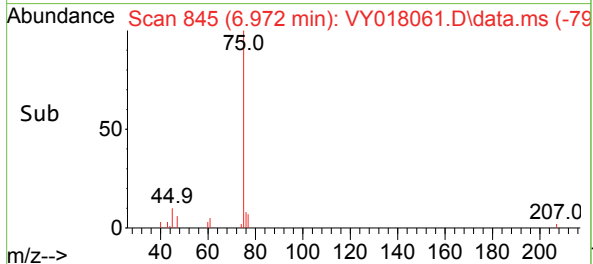
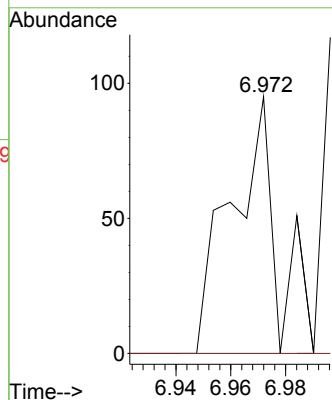
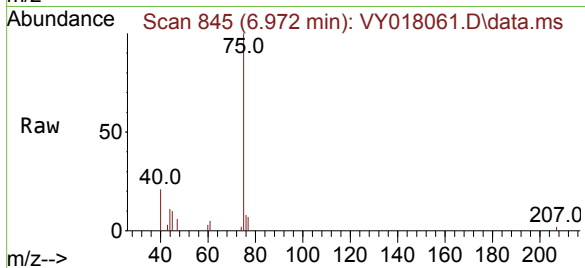
ClientSampleId :

Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY018061.D

Acq: 26 Apr 2024 14:39

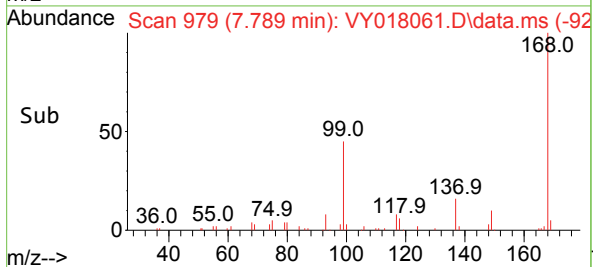
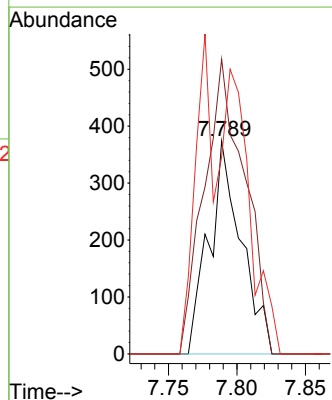
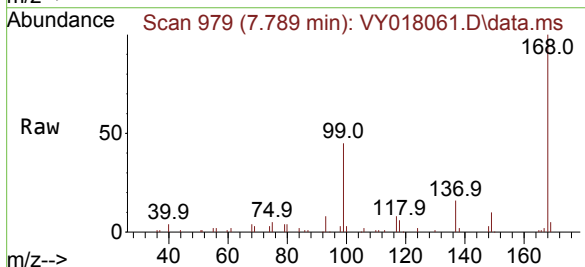
Tgt Ion: 56 Resp: 614

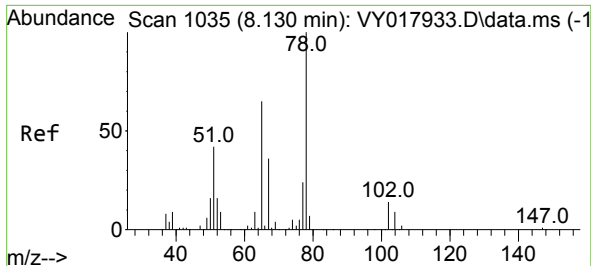
Ion Ratio Lower Upper

56 100

69 138.5 28.7 43.1#

84 92.5 77.7 116.5

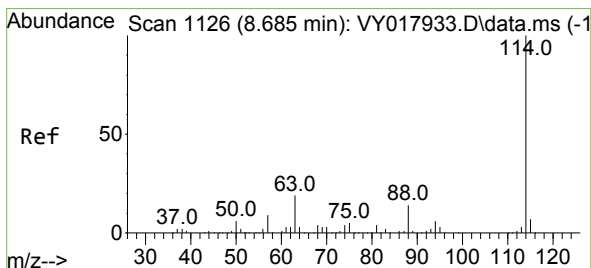
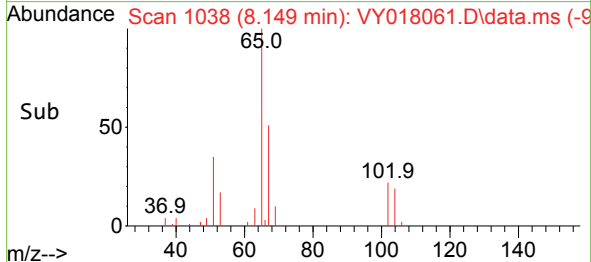
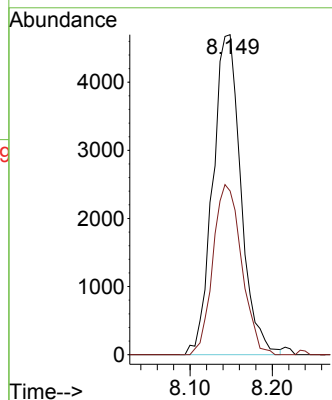
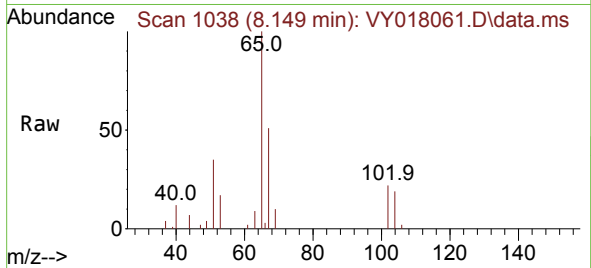




#33
1,2-Dichloroethane-d4
Concen: 35.128 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

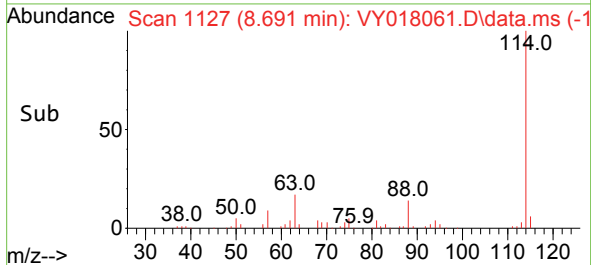
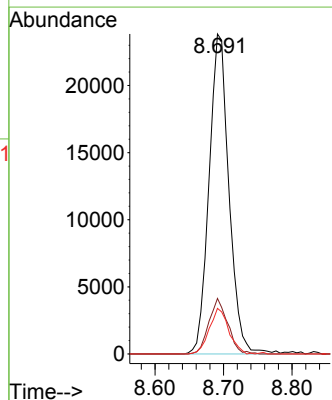
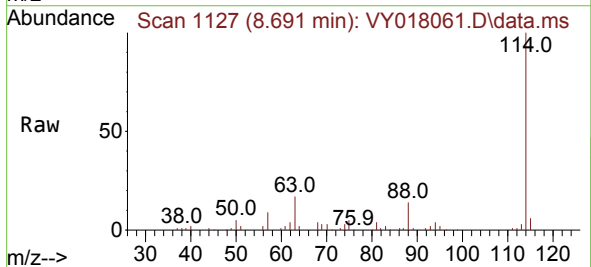
Instrument :
MSVOA_Y
ClientSampleId :

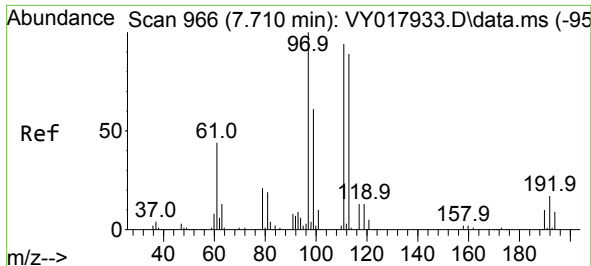
Tgt Ion: 65 Resp: 11181
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

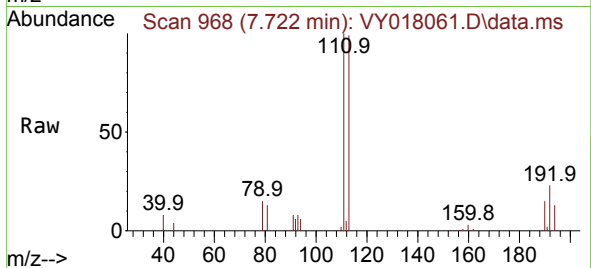
Tgt Ion:114 Resp: 48219
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.2 0.0 27.2



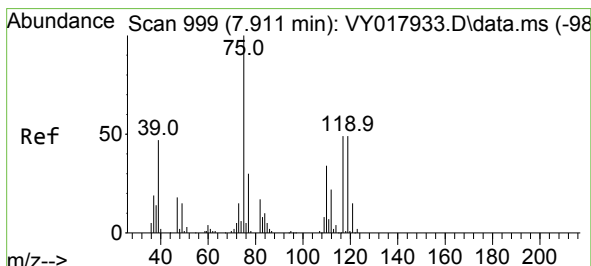
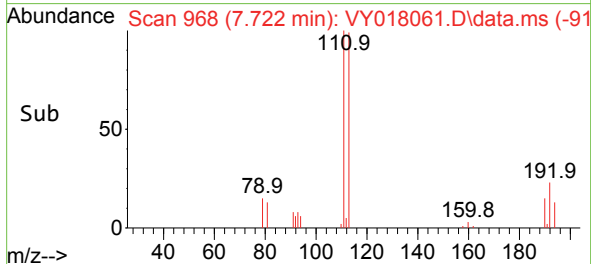
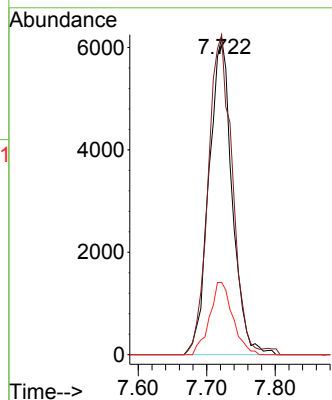


#35
Dibromofluoromethane
Concen: 49.008 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

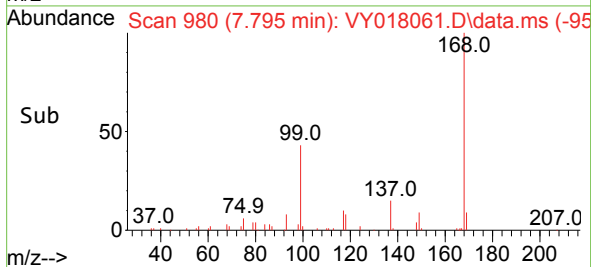
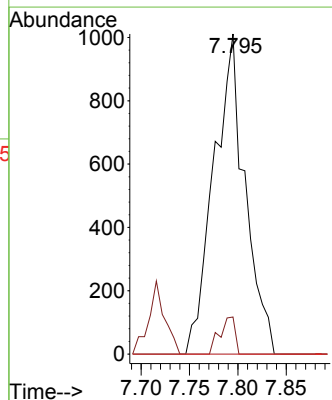
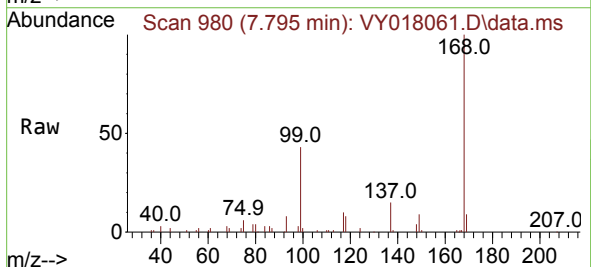


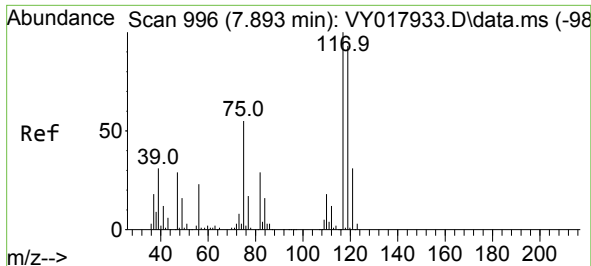
Tgt Ion:113 Resp: 14579
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 22.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.259 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

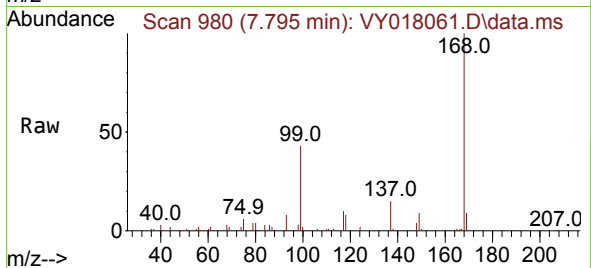
Tgt Ion: 75 Resp: 2275
Ion Ratio Lower Upper
75 100
110 5.7 19.0 57.0#
77 0.0 25.3 37.9#



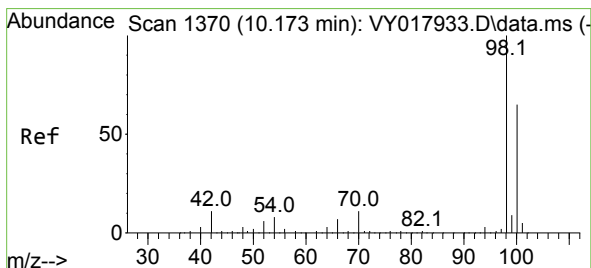
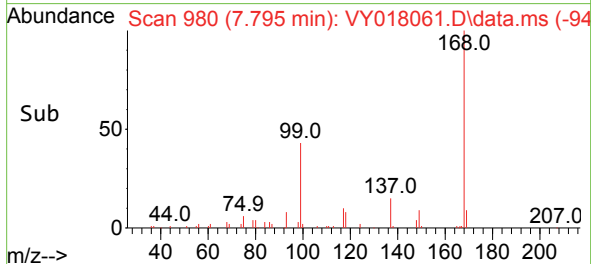
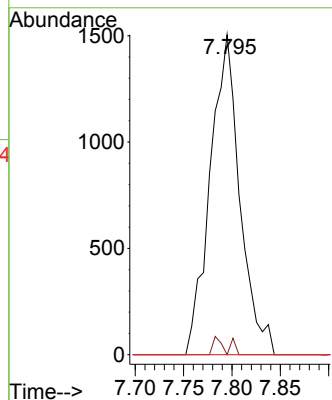


#38
Carbon Tetrachloride
Concen: 7.379 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

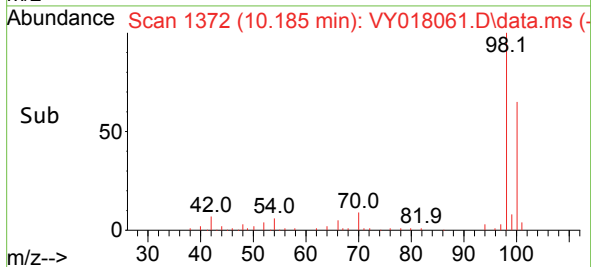
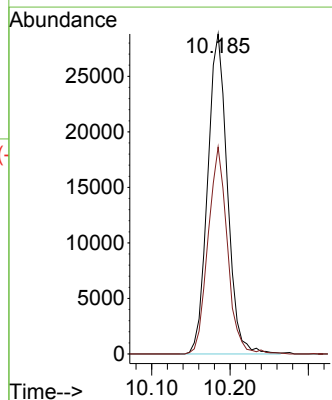
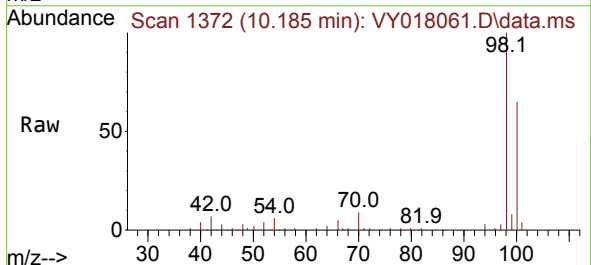


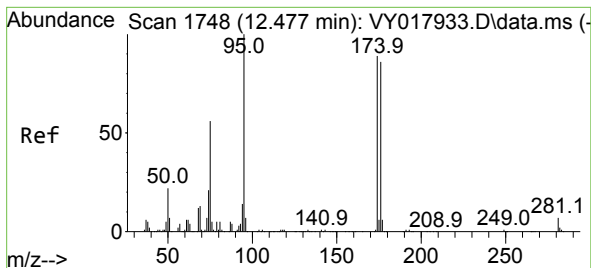
Tgt Ion:117 Resp: 3225
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.501 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Tgt Ion: 98 Resp: 50233
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

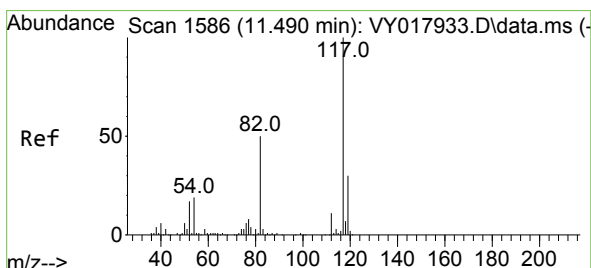
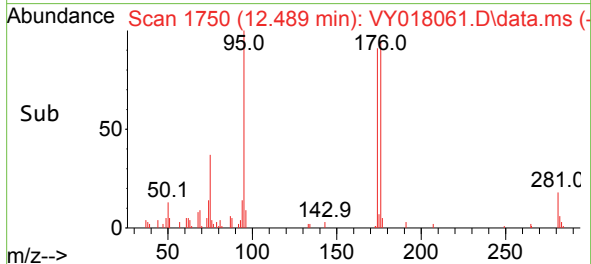
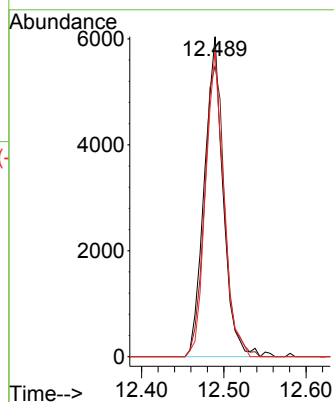
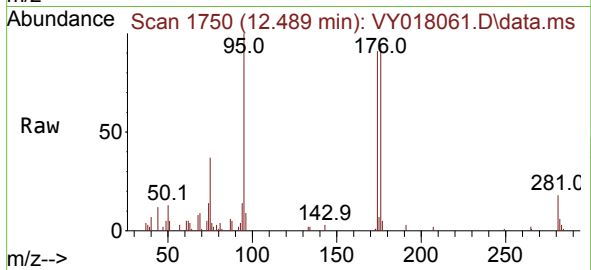




#62
4-Bromofluorobenzene
Concen: 27.521 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

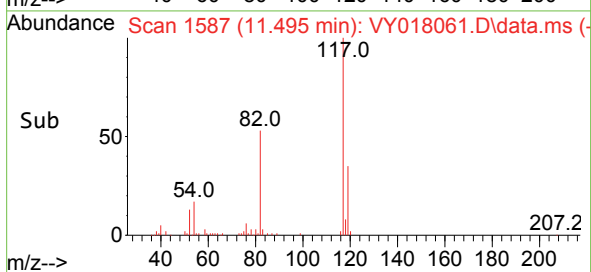
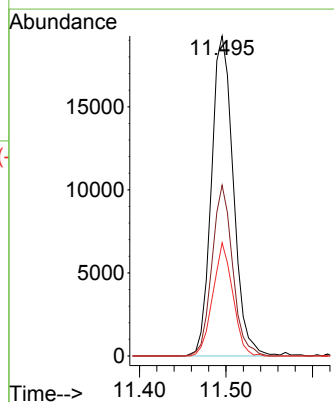
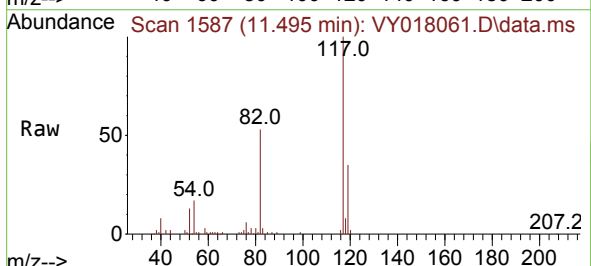
Instrument :
MSVOA_Y
ClientSampleId :

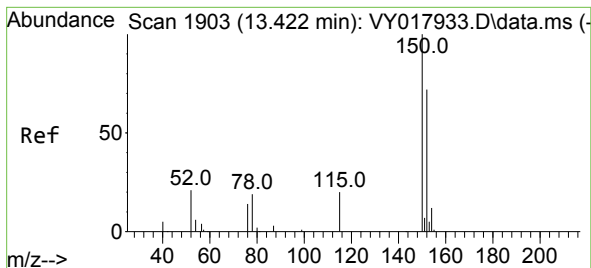
Tgt Ion: 95 Resp: 9621
Ion Ratio Lower Upper
95 100
174 97.8 0.0 175.6
176 92.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018061.D
Acq: 26 Apr 2024 14:39

Tgt Ion:117 Resp: 33907
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 35.3 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

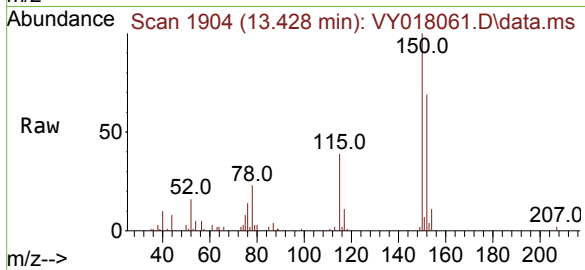
Lab File: VY018061.D

Acq: 26 Apr 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :



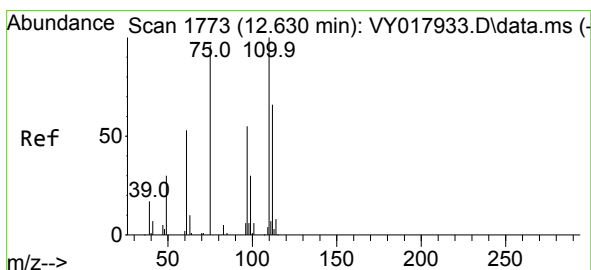
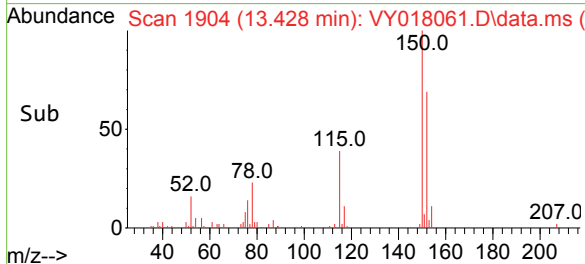
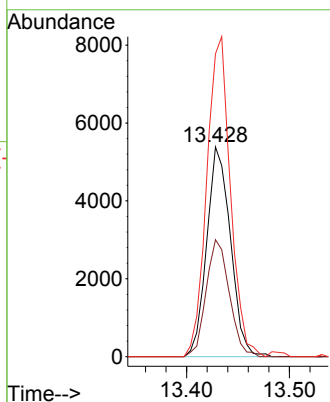
Tgt Ion:152 Resp: 8644

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 151.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.843 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018061.D

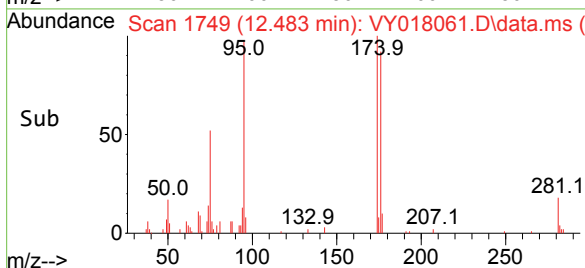
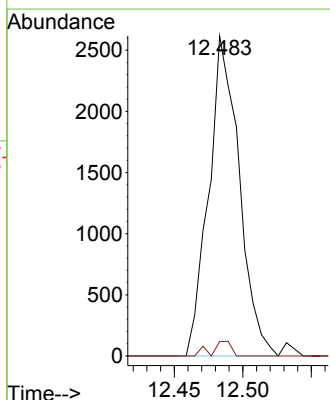
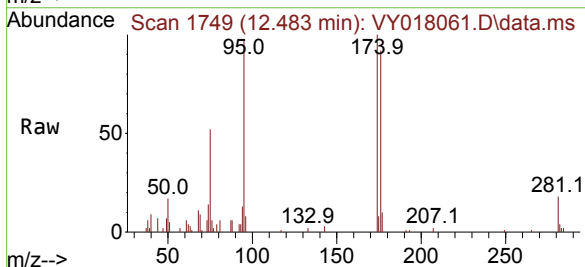
Acq: 26 Apr 2024 14:39

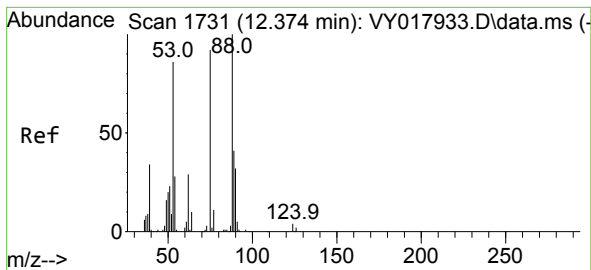
Tgt Ion: 75 Resp: 4043

Ion Ratio Lower Upper

75 100

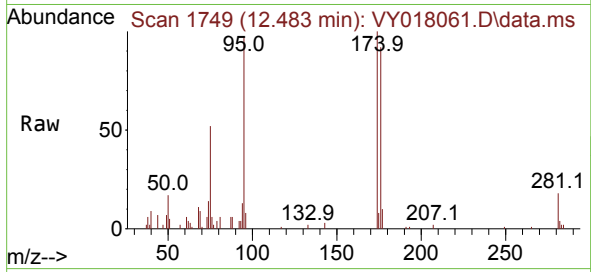
77 2.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.768 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018061.D
 Acq: 26 Apr 2024 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	4043
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

