

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018016.D
 Acq On : 23 Apr 2024 09:47
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:10:54 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)

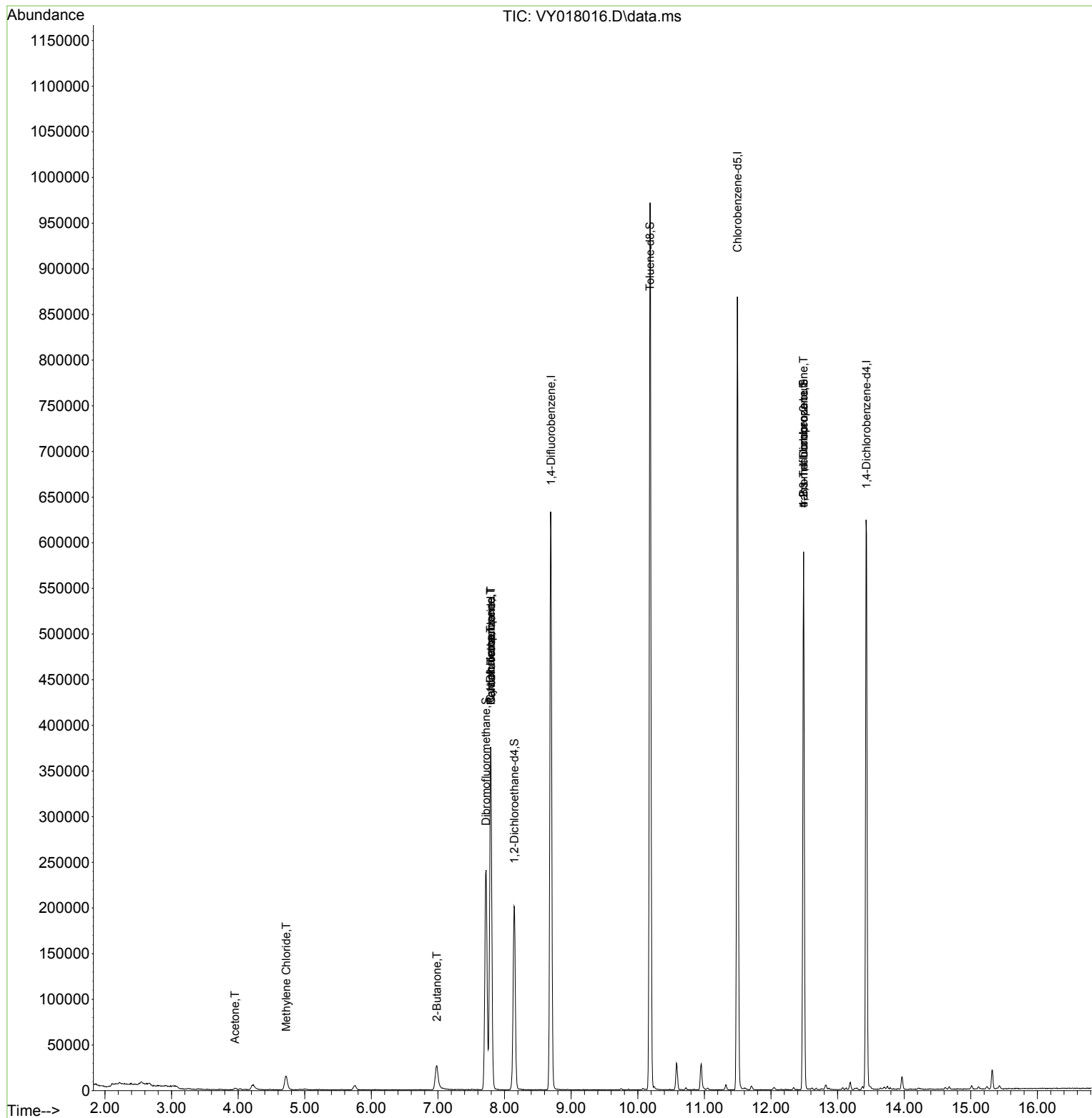
Internal Standards						
1) Pentafluorobenzene	7.795	168	306425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	557210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	484940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	171463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154543	58.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.560%	
35) Dibromofluoromethane	7.722	113	178373	51.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.185	98	651103	49.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.489	95	167874	41.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	231	Below Cal	#	88
16) Acetone	3.954	43	2964	5.657	ug/l #	85
20) Methylene Chloride	4.723	84	11478	3.234	ug/l	92
25) 2-Butanone	6.984	43	1033	1.341	ug/l #	67
31) Cyclohexane	7.789	56	5944	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	21651	4.331	ug/l #	47
38) Carbon Tetrachloride	7.795	117	28402	5.623	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	85184	52.943	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	85184	109.158	ug/l #	16

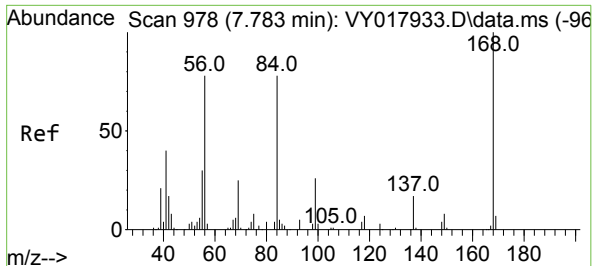
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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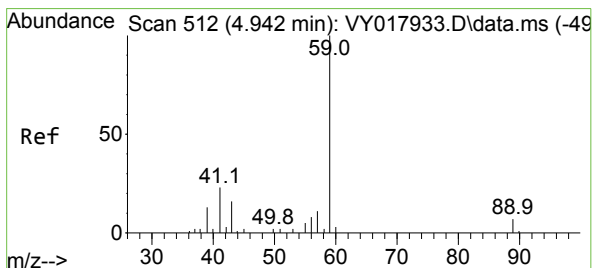
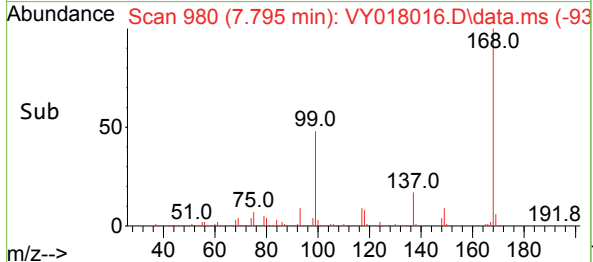
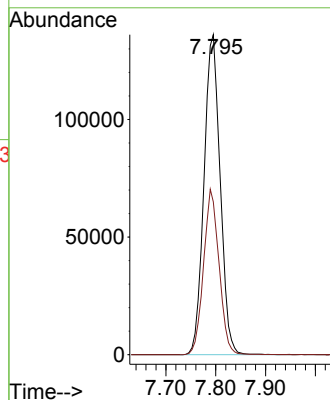
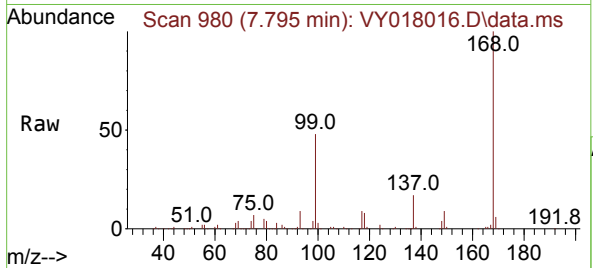




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

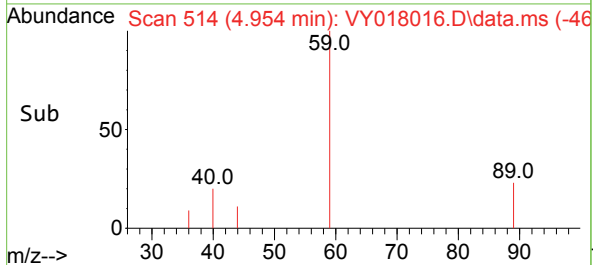
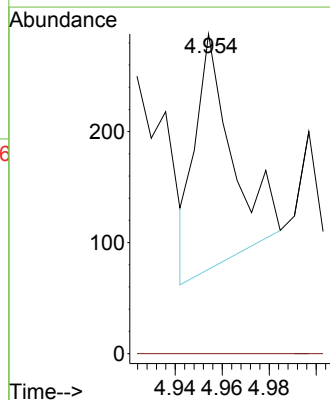
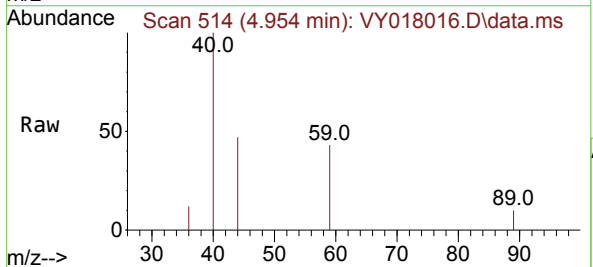
Instrument :
MSVOA_Y
ClientSampleId :

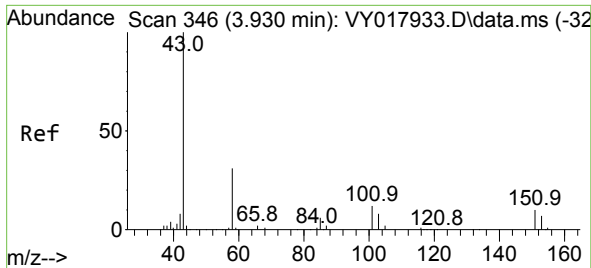
Tgt Ion:168 Resp: 306425
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.657 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Instrument :

MSVOA_Y

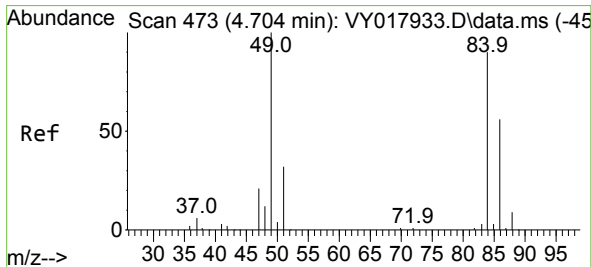
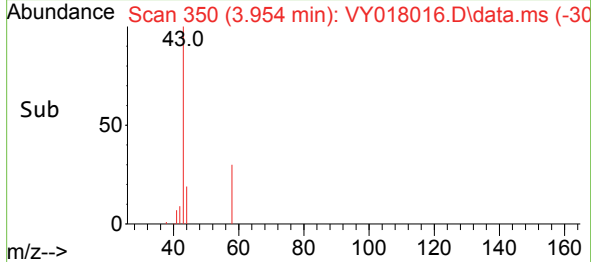
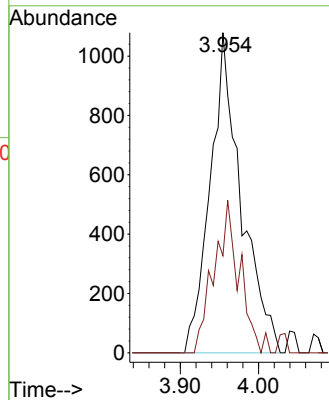
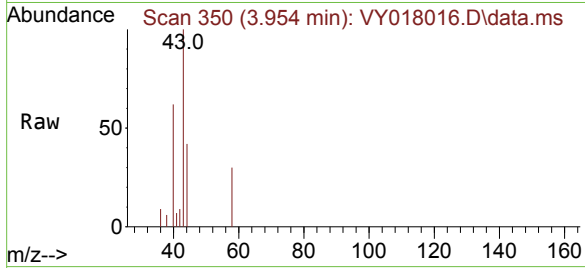
ClientSampleId :

Tgt Ion: 43 Resp: 2964

Ion Ratio Lower Upper

43 100

58 30.3 31.7 47.5#



#20

Methylene Chloride

Concen: 3.234 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Tgt Ion: 84 Resp: 11478

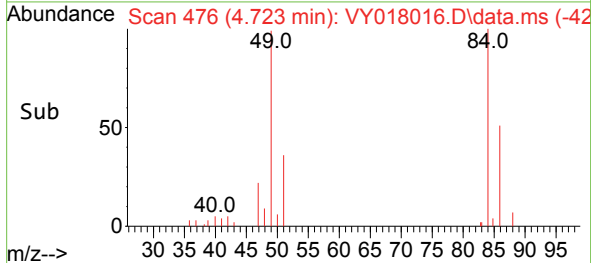
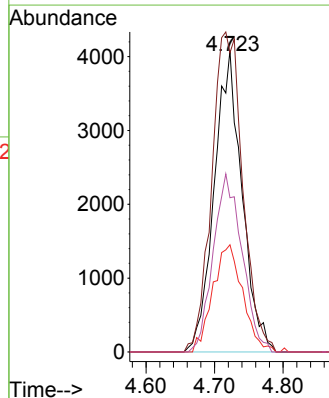
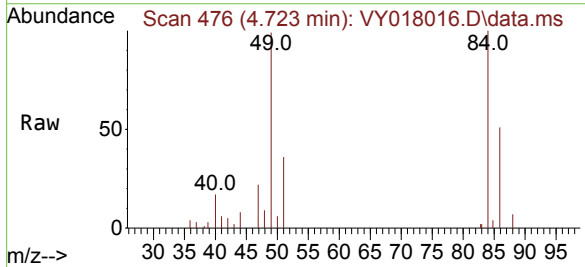
Ion Ratio Lower Upper

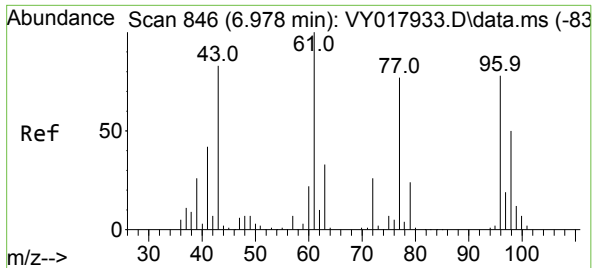
84 100

49 99.2 84.4 126.6

51 35.5 26.0 39.0

86 51.1 49.5 74.3

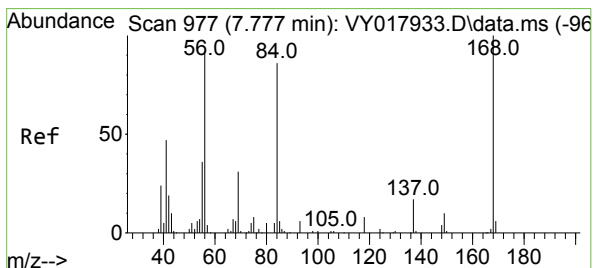
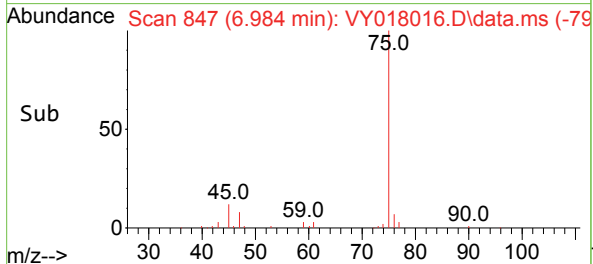
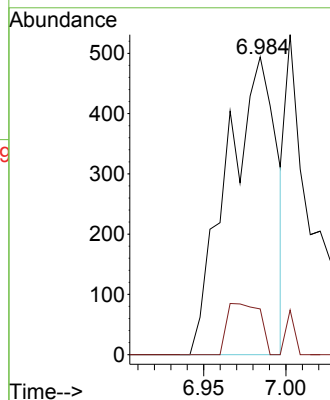
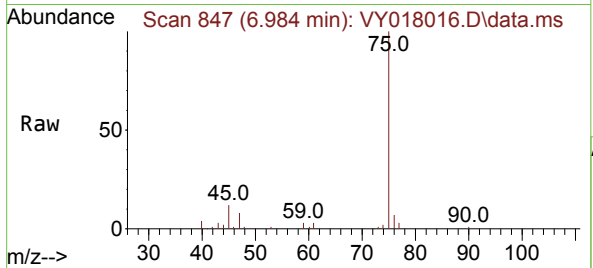




#25
2-Butanone
Concen: 1.341 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

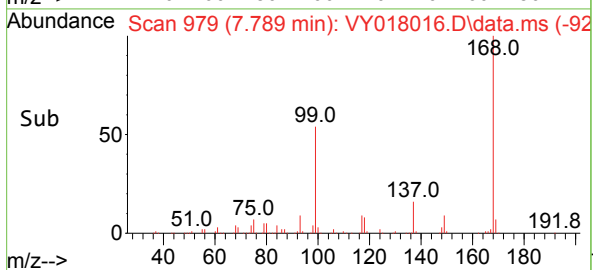
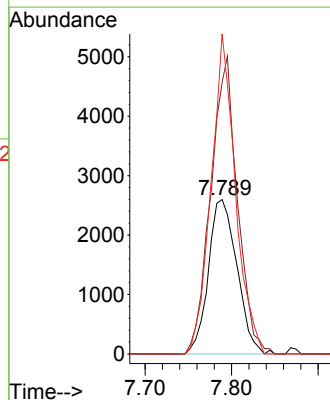
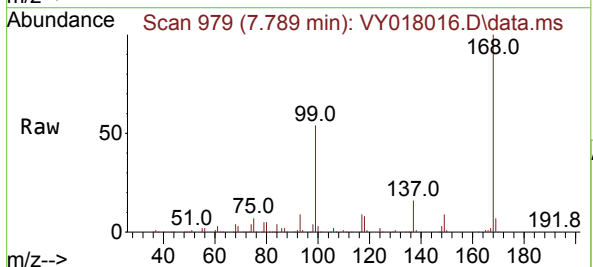
Instrument :
MSVOA_Y
ClientSampleId :

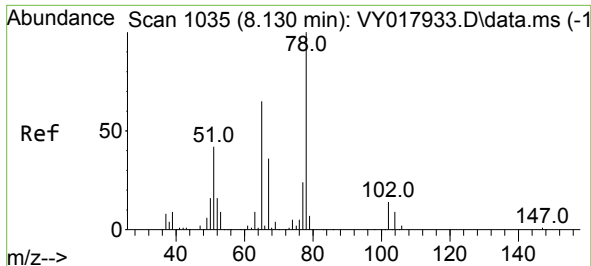
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 15.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 56 Resp: 5944
Ion Ratio Lower Upper
56 100
69 175.9 28.7 43.1#
84 207.3 77.7 116.5#

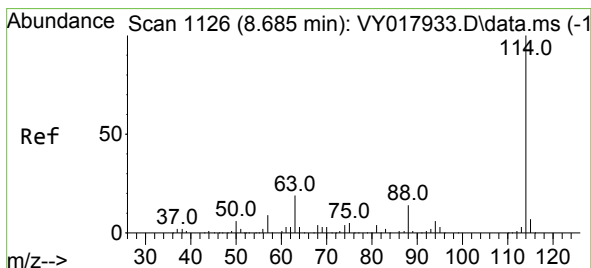
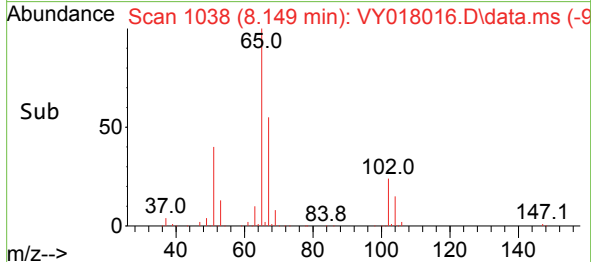
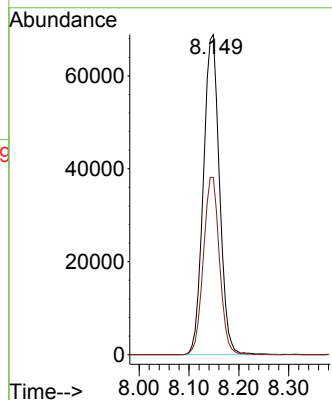
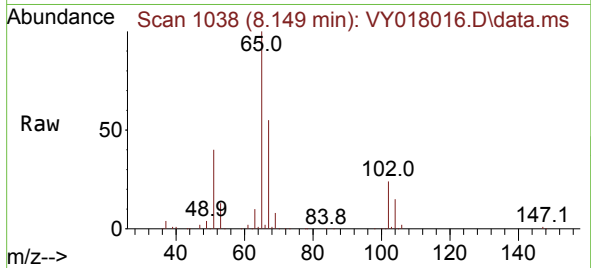




#33
1,2-Dichloroethane-d4
Concen: 58.280 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

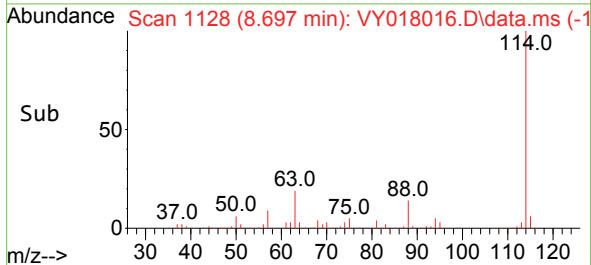
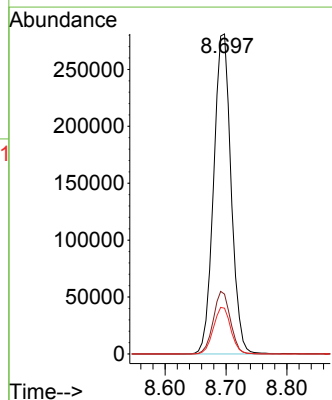
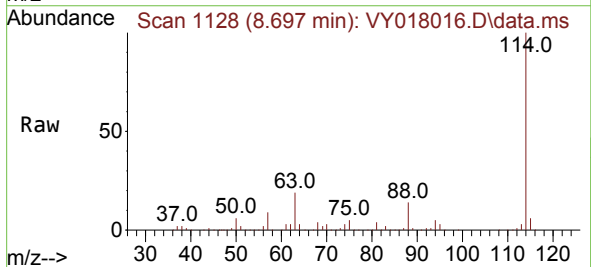
Instrument :
MSVOA_Y
ClientSampleId :

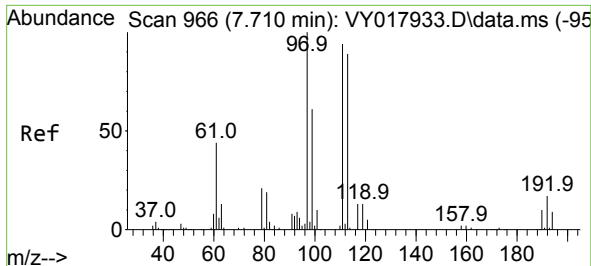
Tgt Ion: 65 Resp: 154543
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

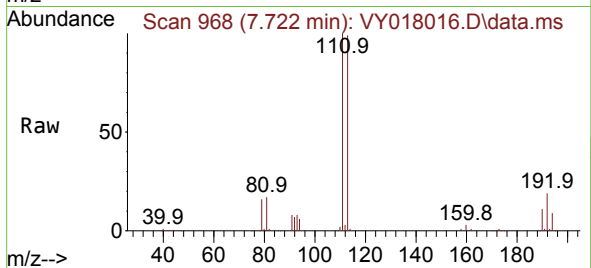
Tgt Ion: 114 Resp: 557210
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.0
88 14.3 0.0 27.2



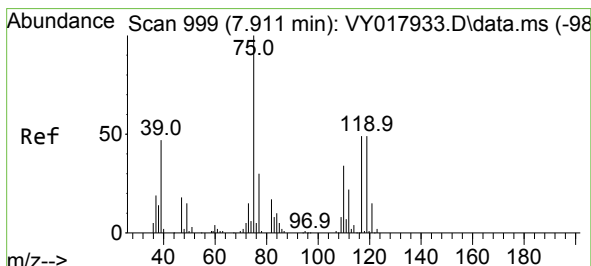
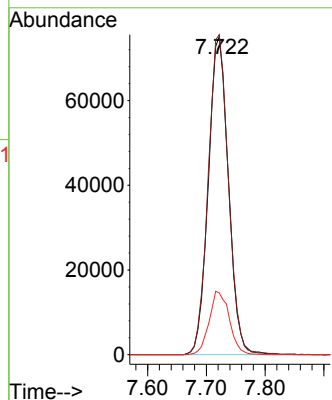
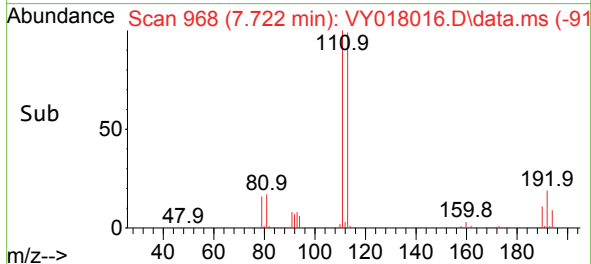


#35
Dibromofluoromethane
Concen: 51.888 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Instrument :
MSVOA_Y
ClientSampleId :

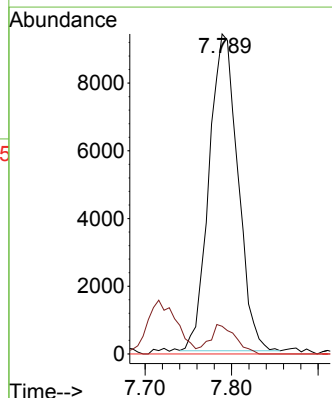
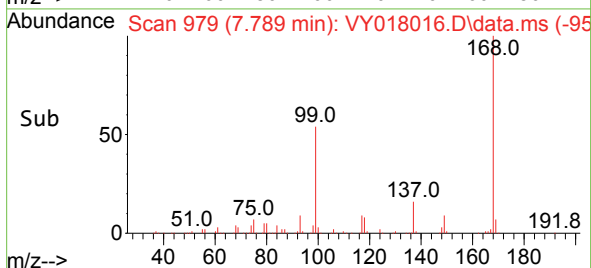
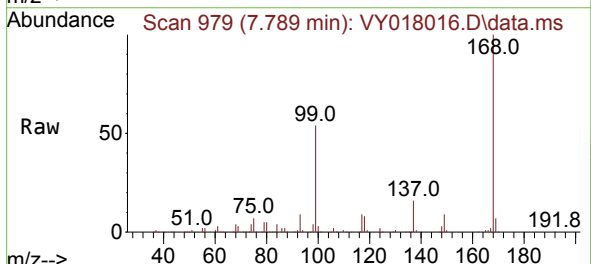


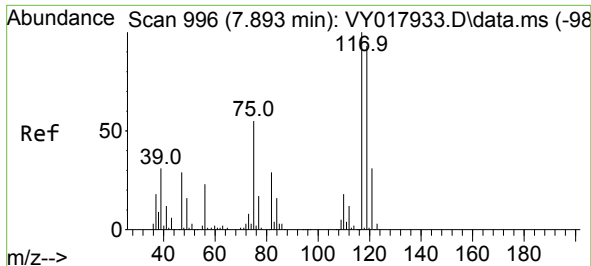
Tgt Ion:113 Resp: 178373
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

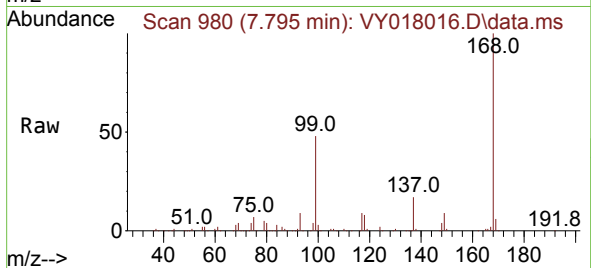
Tgt Ion: 75 Resp: 21651
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



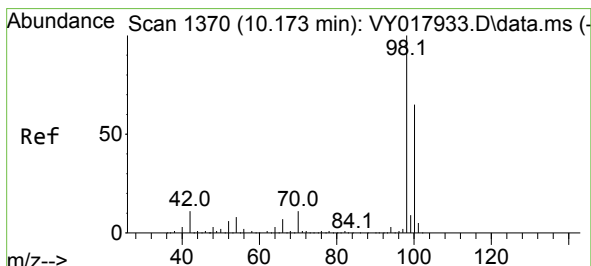
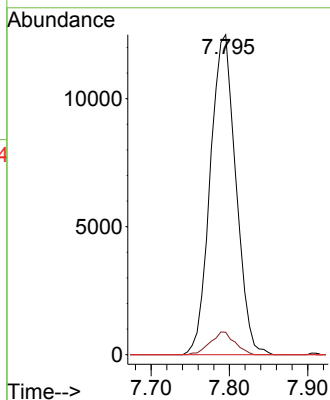
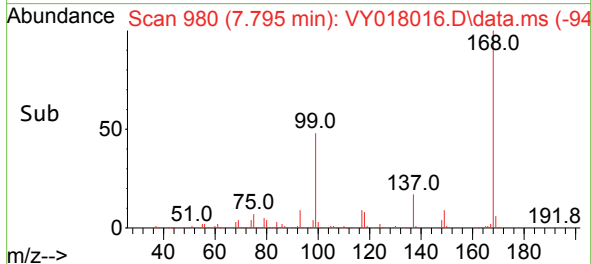


#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Instrument :
MSVOA_Y
ClientSampleId :

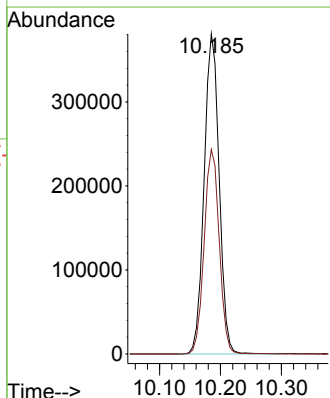
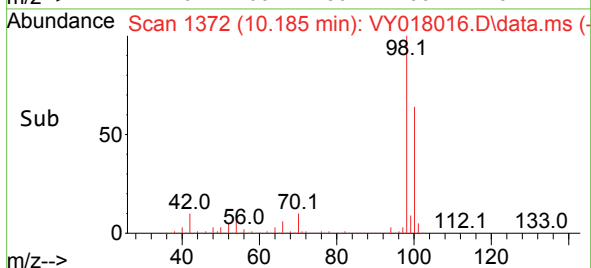
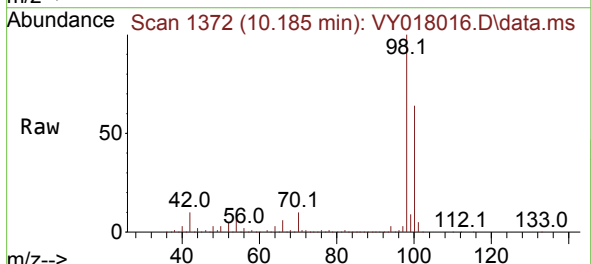


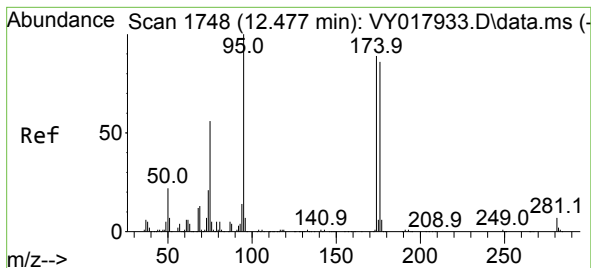
Tgt Ion:117 Resp: 28402
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.915 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 98 Resp: 651103
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

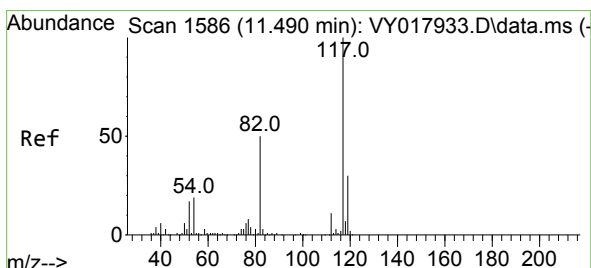
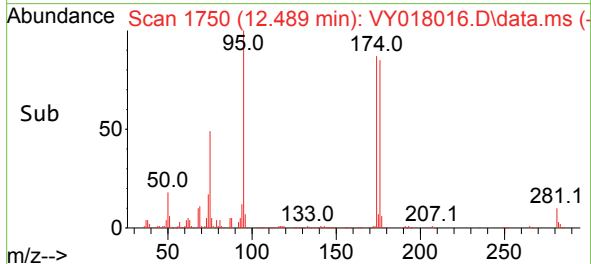
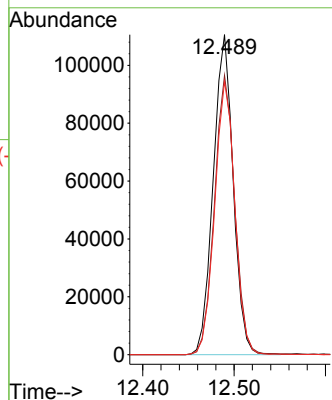
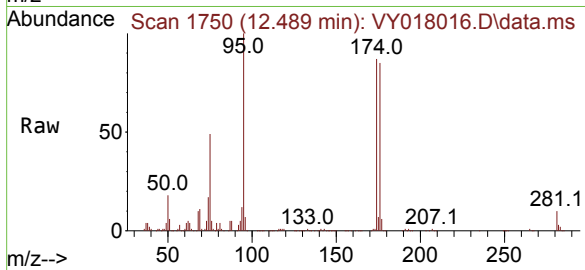




#62
4-Bromofluorobenzene
Concen: 41.555 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

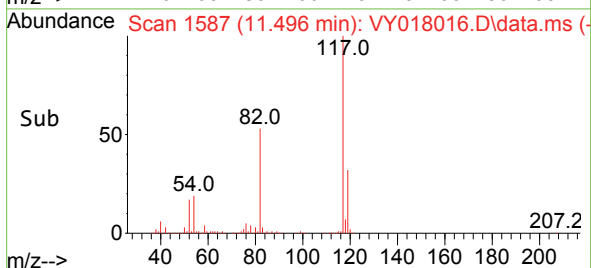
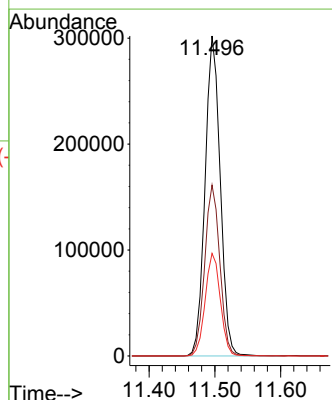
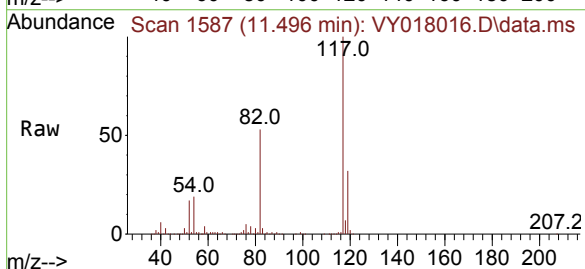
Instrument :
MSVOA_Y
ClientSampleId :

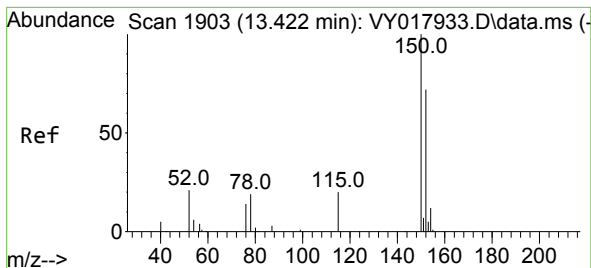
Tgt Ion: 95 Resp: 167874
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 86.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 117 Resp: 484940
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Instrument :

MSVOA_Y

ClientSampleId :

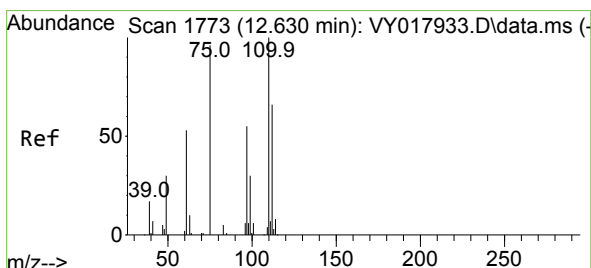
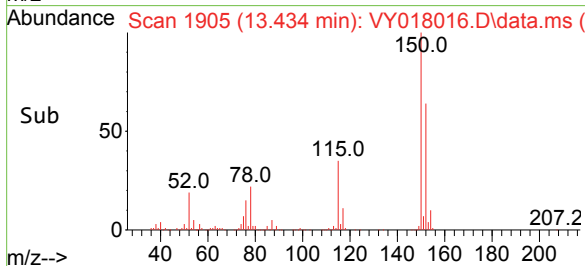
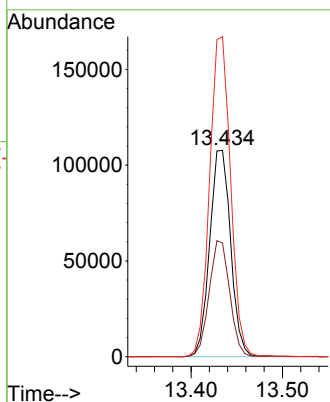
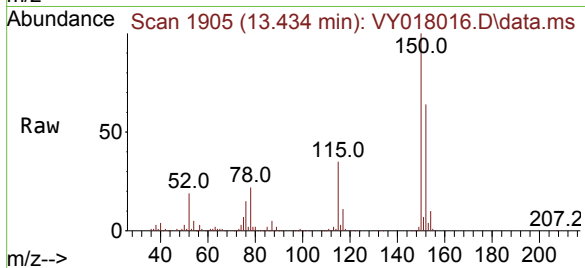
Tgt Ion:152 Resp: 171463

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 155.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.943 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY018016.D

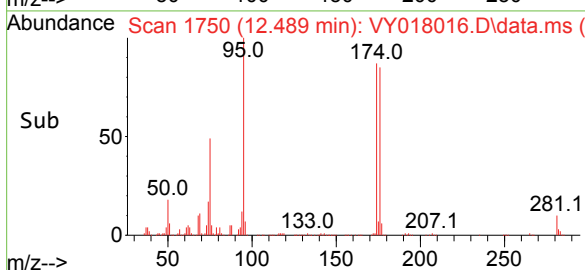
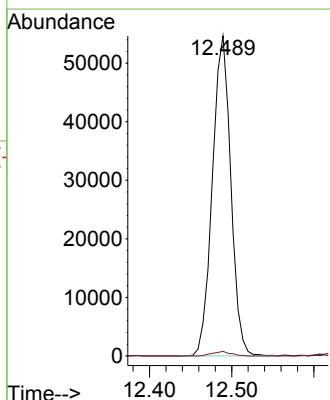
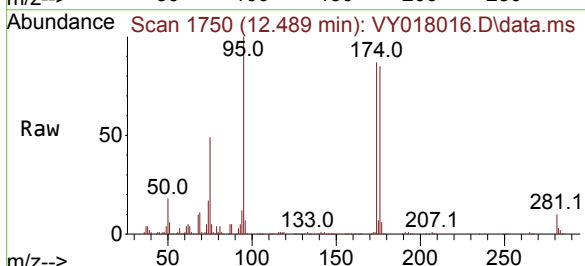
Acq: 23 Apr 2024 09:47

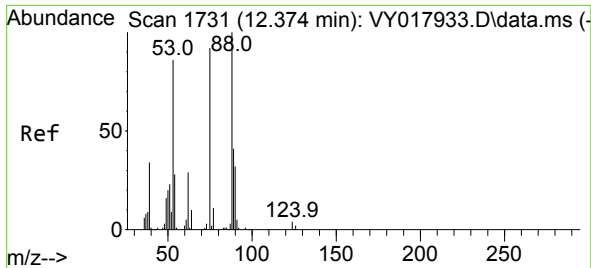
Tgt Ion: 75 Resp: 85184

Ion Ratio Lower Upper

75 100

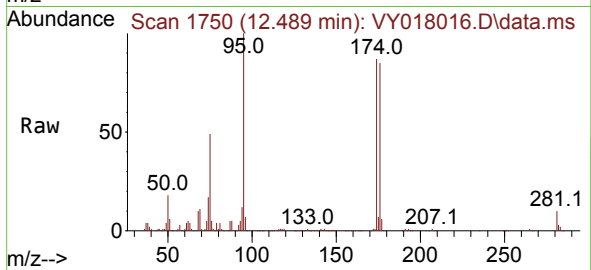
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.158 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018016.D
 Acq: 23 Apr 2024 09:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85184
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

