

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016675.D
 Acq On : 16 Dec 2023 17:36
 Operator : SY/MD
 Sample : 05758-10RE
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

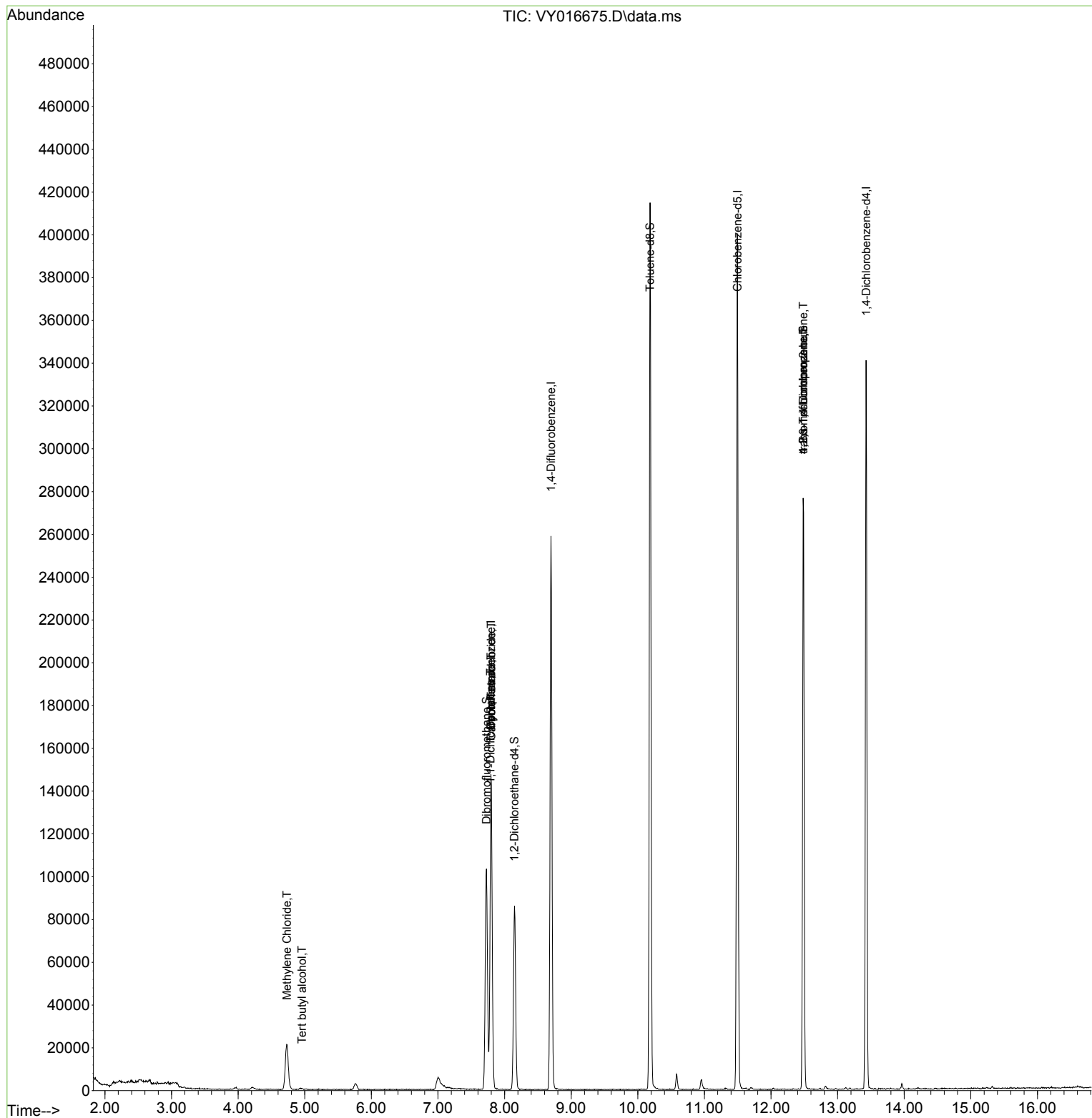
Internal Standards						
1) Pentafluorobenzene	7.795	168	116796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66936	69.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.960%	
35) Dibromofluoromethane	7.728	113	73879	61.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.100%	
50) Toluene-d8	10.185	98	274869	57.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.580%	
62) 4-Bromofluorobenzene	12.483	95	82786	53.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	740	9.600	ug/l #	89
13) Acrolein	3.735	56	25	Below Cal	#	14
16) Acetone	3.973	43	1818	Below Cal		98
20) Methylene Chloride	4.735	84	17020	10.009	ug/l #	86
25) 2-Butanone	6.984	43	128	Below Cal	#	49
31) Cyclohexane	7.795	56	2087	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8584	4.282	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11544	5.733	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42910	52.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42910	119.356	ug/l #	10
95) Naphthalene	15.233	128	470	Below Cal	#	69

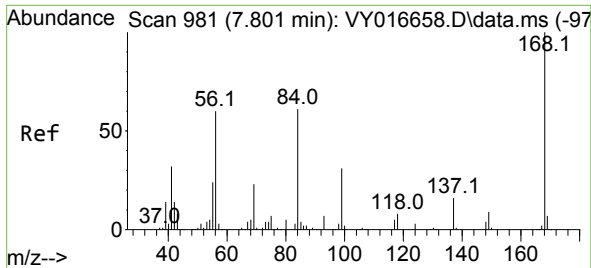
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
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Quant Time: Dec 18 00:42:44 2023
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Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

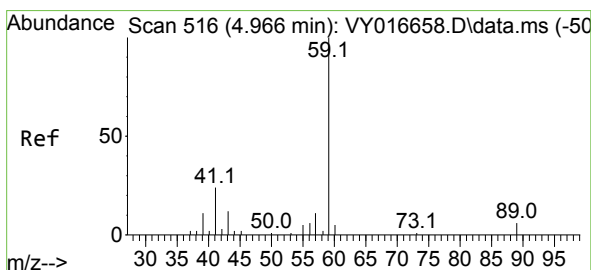
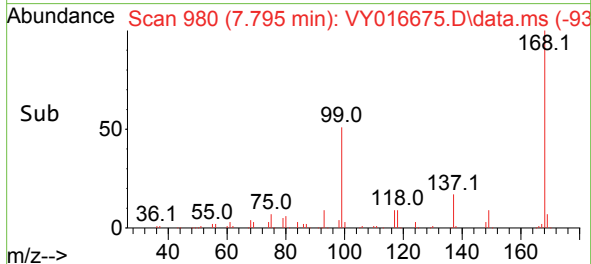
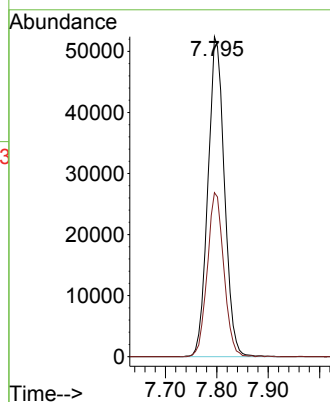
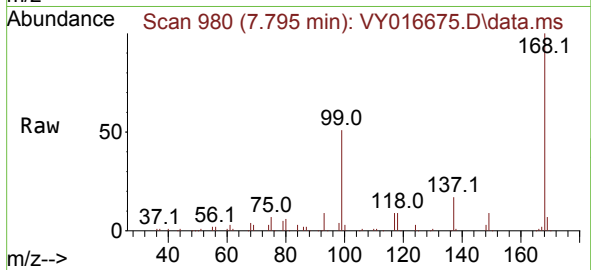




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

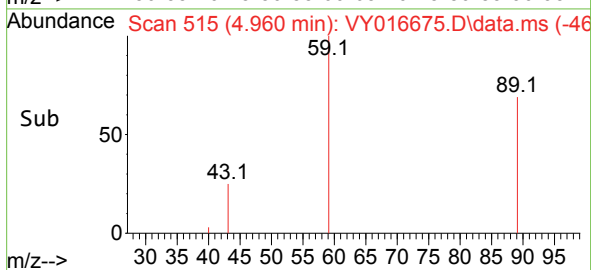
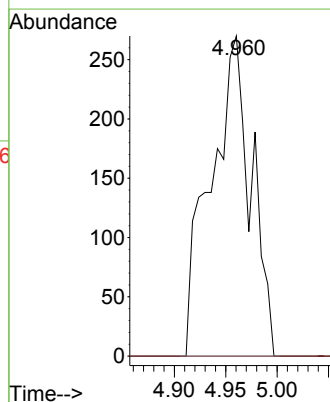
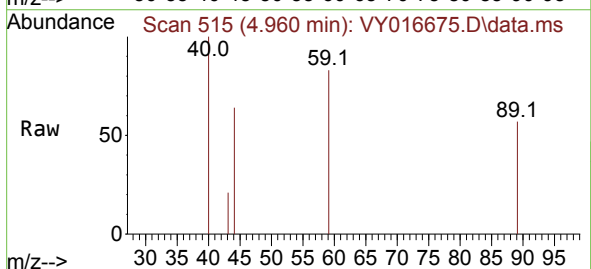
Instrument :
MSVOA_Y
ClientSampleId :

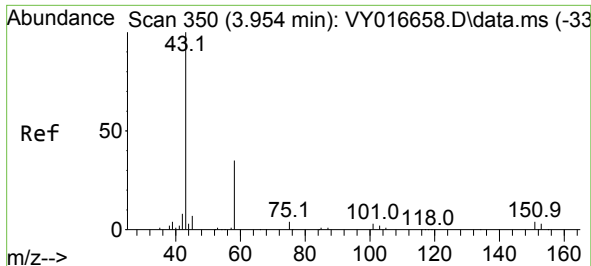
Tgt Ion:168 Resp: 116796
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 9.600 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 59 Resp: 740
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

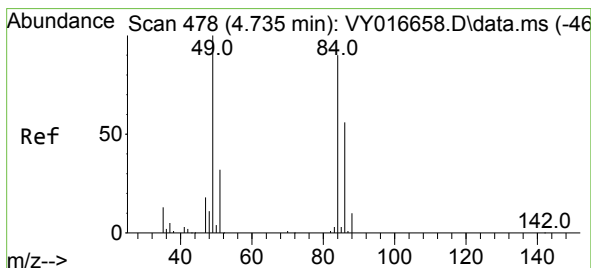
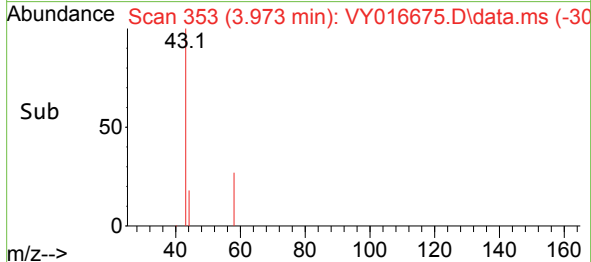
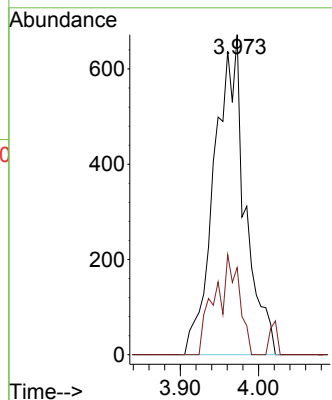
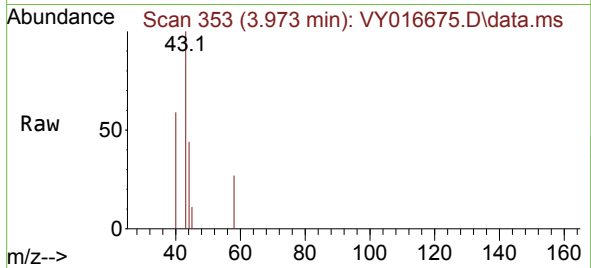




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

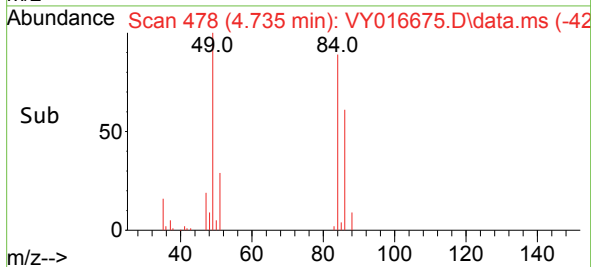
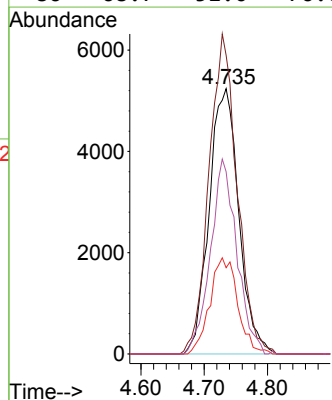
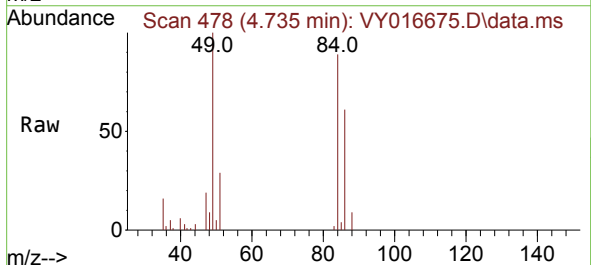
Instrument :
MSVOA_Y
ClientSampleId :

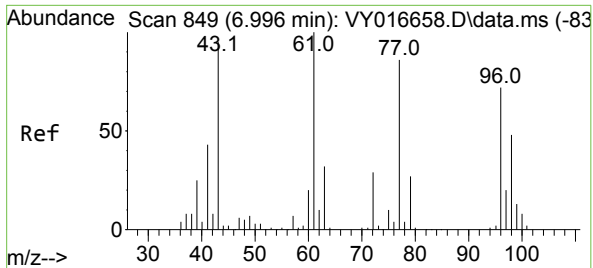
Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1



#20
Methylene Chloride
Concen: 10.009 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 84 Resp: 17020
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 32.5 33.2 49.8#
86 68.7 51.0 76.6

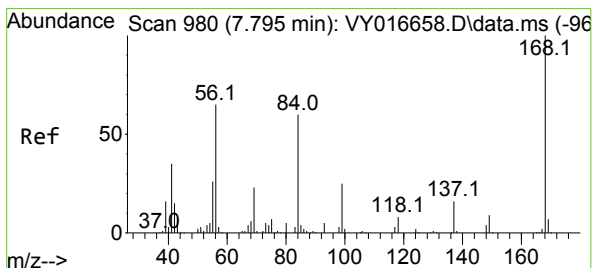
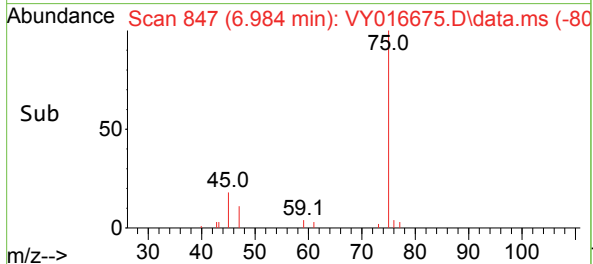
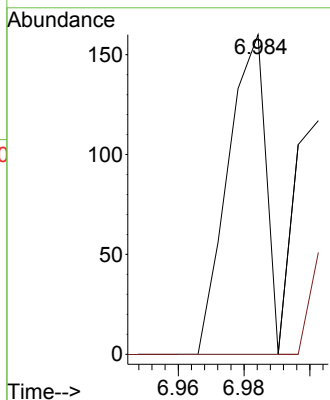
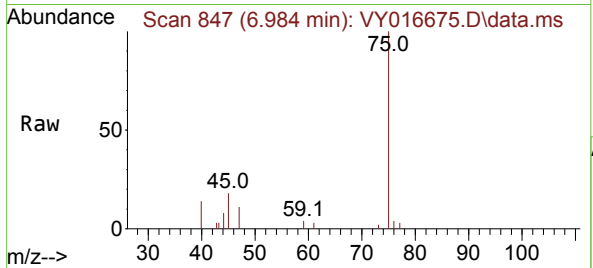




#25
2-Butanone
Concen: Below Cal
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

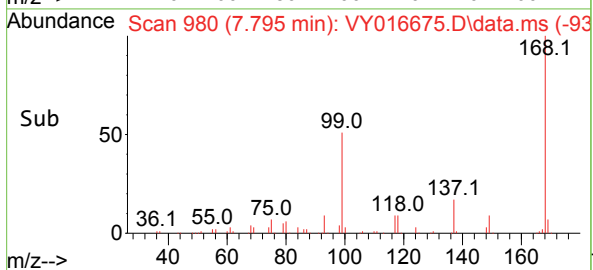
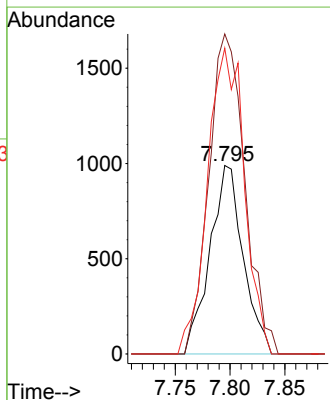
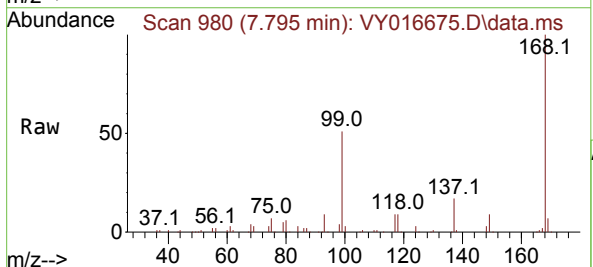
Instrument :
MSVOA_Y
ClientSampleId :

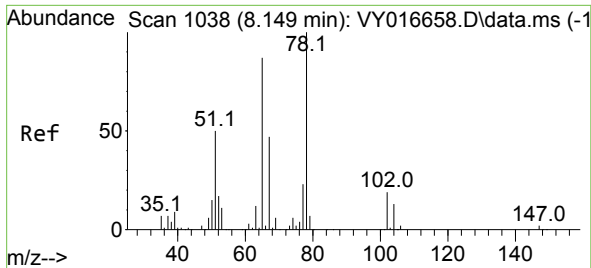
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 56 Resp: 2087
Ion Ratio Lower Upper
56 100
69 169.7 27.8 41.6#
84 162.1 66.4 99.6#

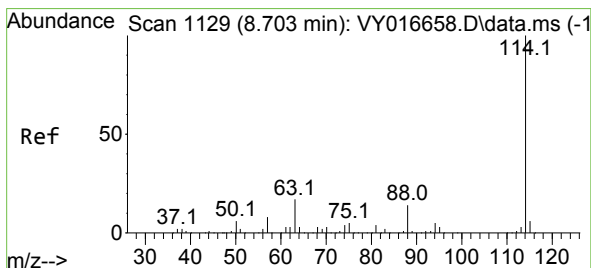
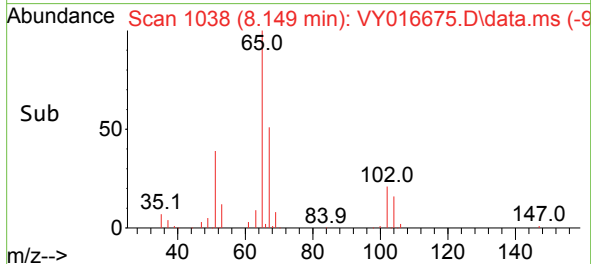
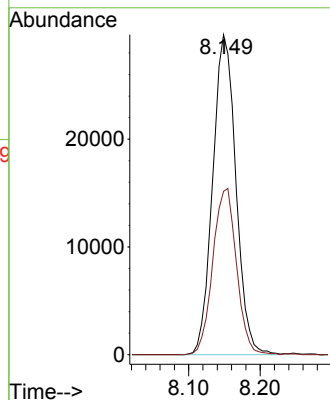
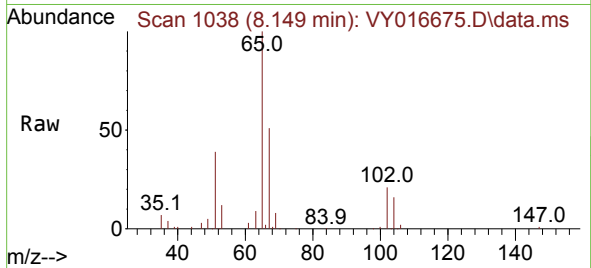




#33
1,2-Dichloroethane-d4
Concen: 69.982 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

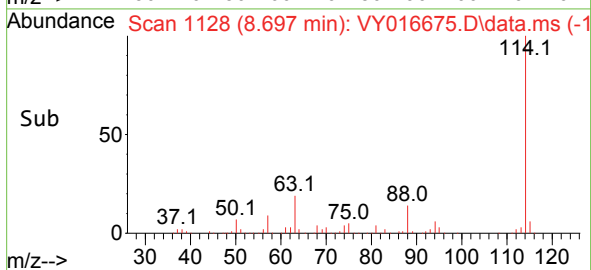
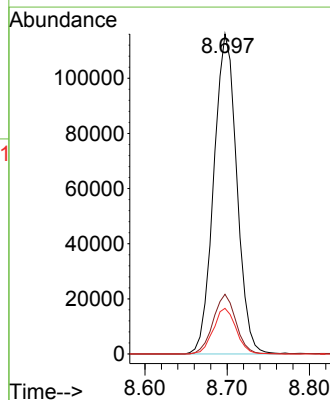
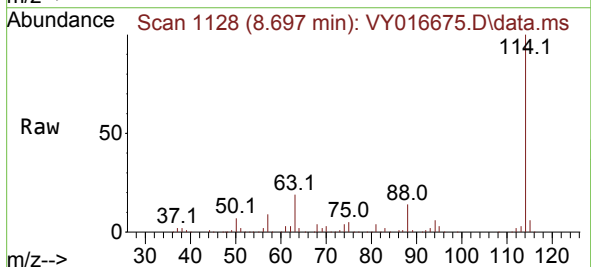
Instrument :
MSVOA_Y
ClientSampleId :

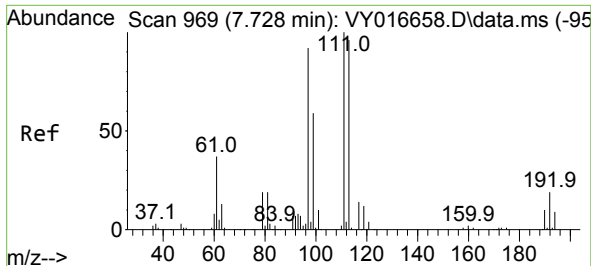
Tgt Ion: 65 Resp: 66936
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

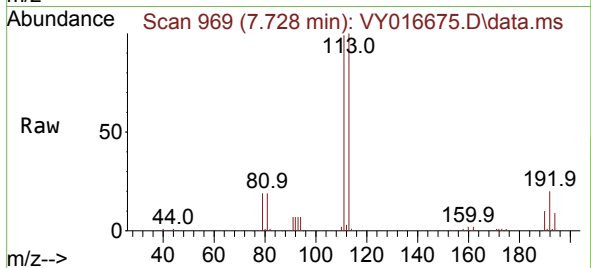
Tgt Ion:114 Resp: 225625
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.2 0.0 30.6



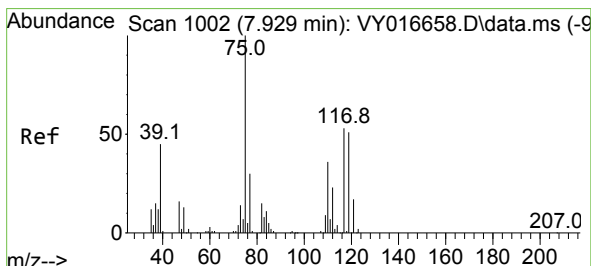
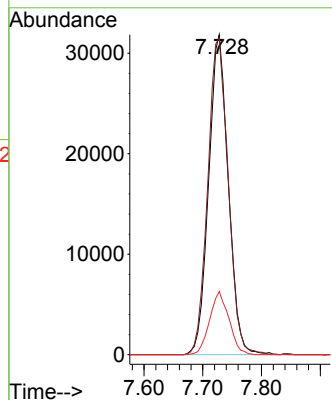
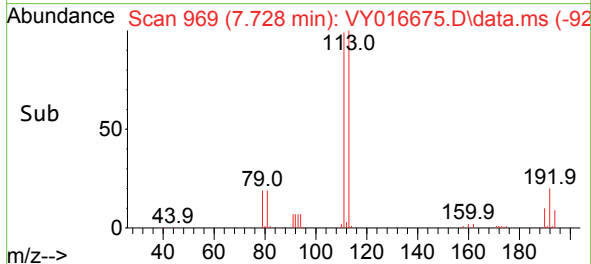


#35
Dibromofluoromethane
Concen: 61.045 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Instrument :
MSVOA_Y
ClientSampleId :

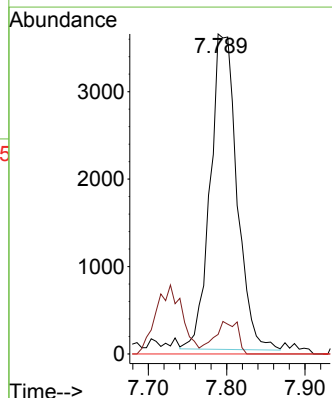
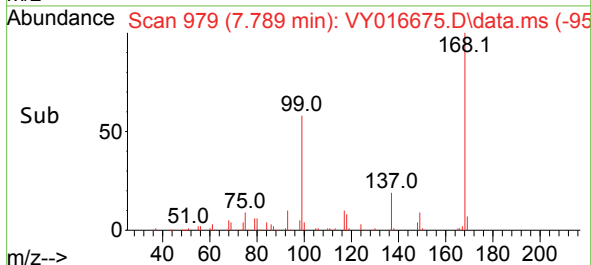
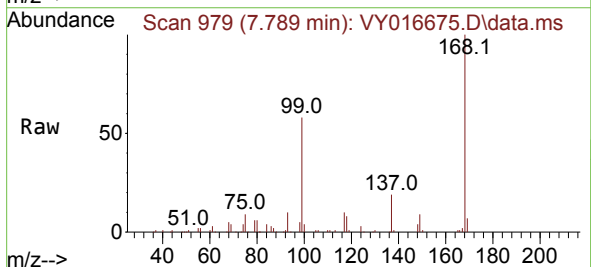


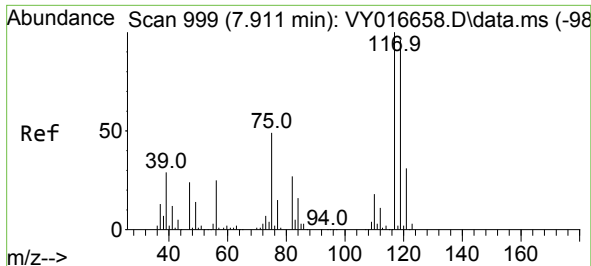
Tgt Ion:113 Resp: 73879
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

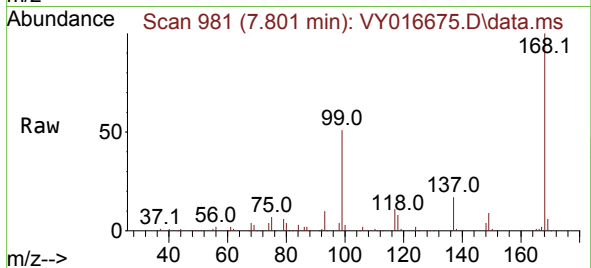
Tgt Ion: 75 Resp: 8584
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



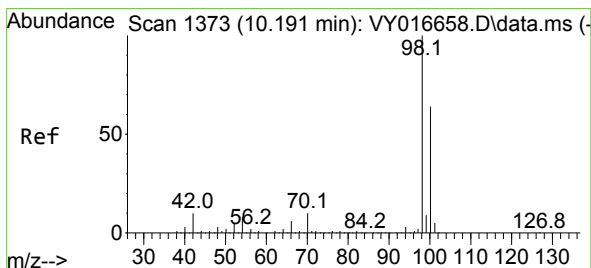
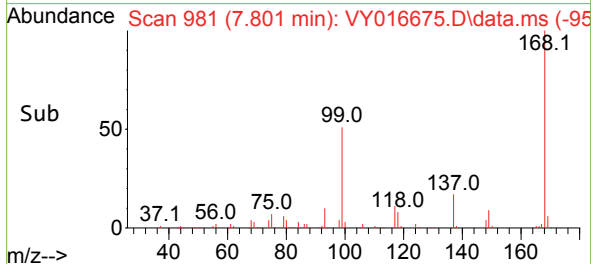
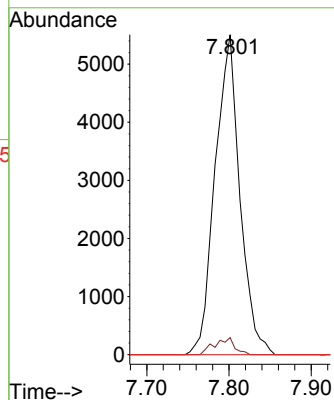


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Instrument :
MSVOA_Y
ClientSampleId :

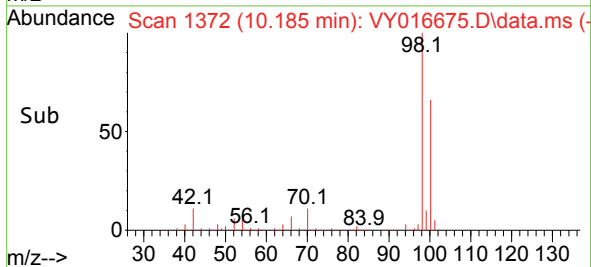
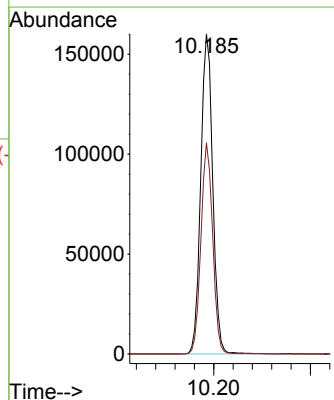
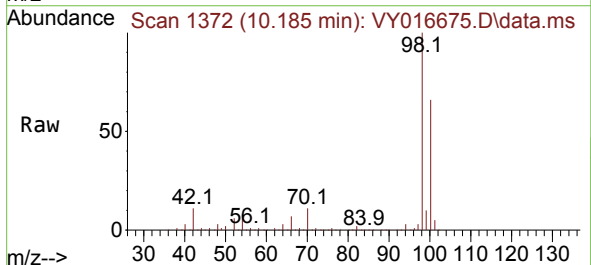


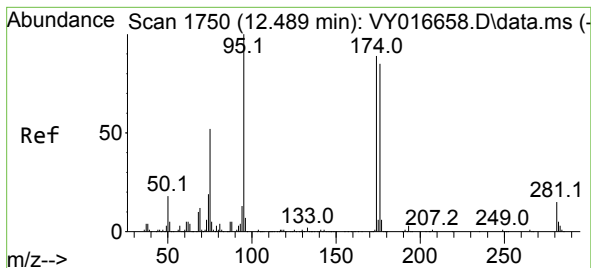
Tgt Ion:117 Resp: 11544
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.290 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 98 Resp: 274869
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

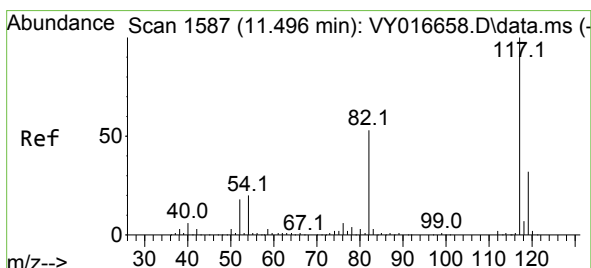
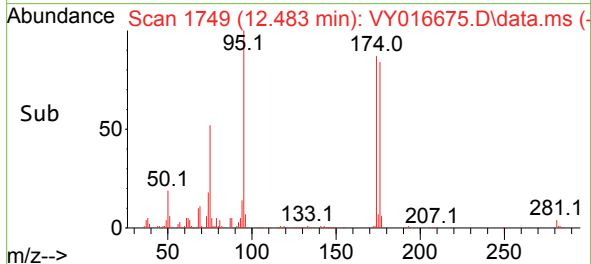
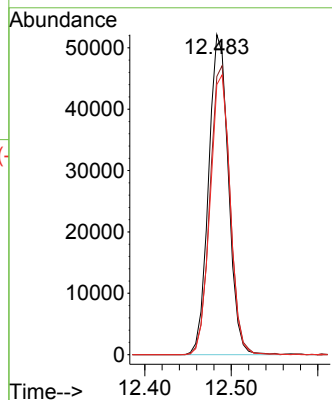
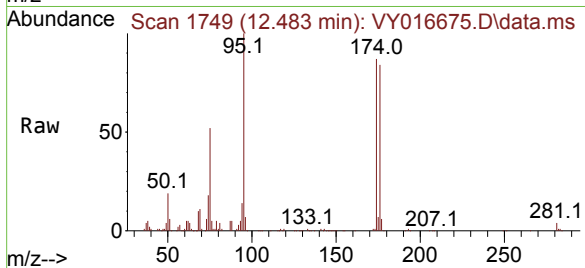




#62
4-Bromofluorobenzene
Concen: 53.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

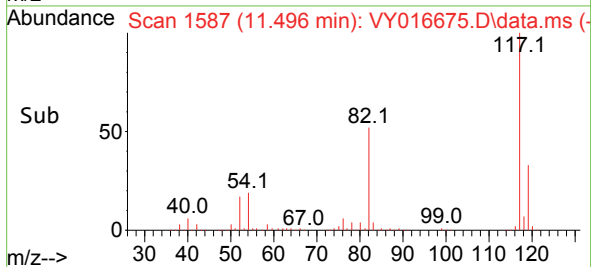
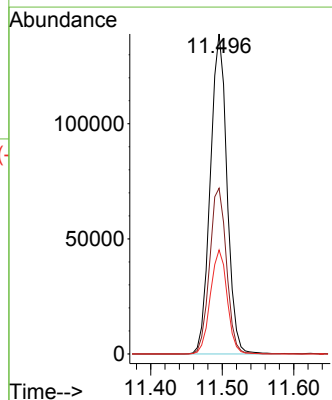
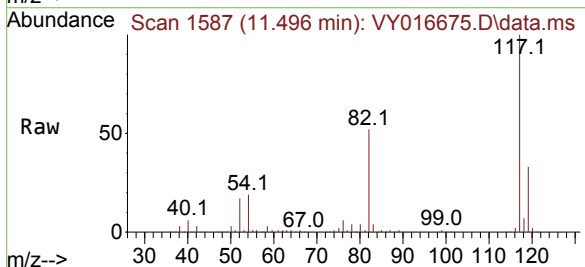
Instrument :
MSVOA_Y
ClientSampleId :

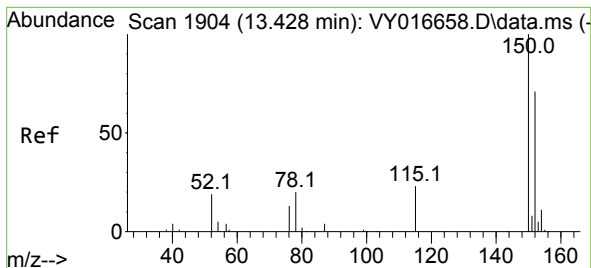
Tgt Ion: 95 Resp: 82786
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 117 Resp: 225200
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016675.D

Acq: 16 Dec 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

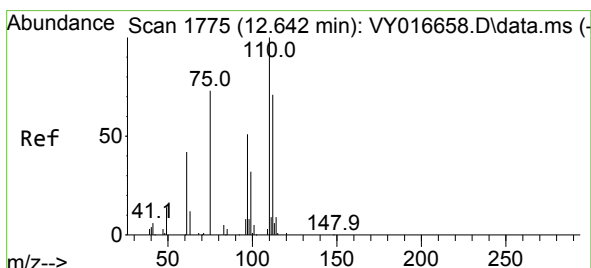
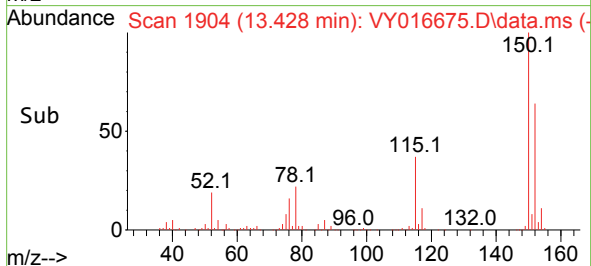
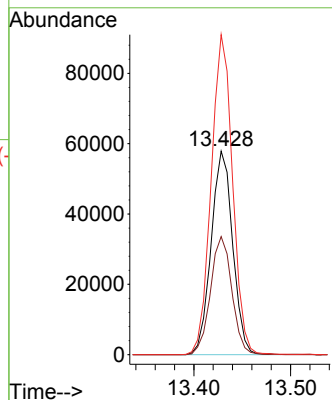
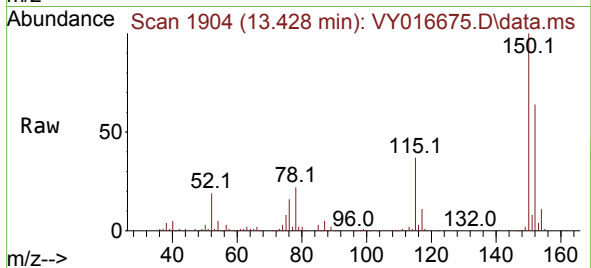
Tgt Ion:152 Resp: 89692

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 52.229 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016675.D

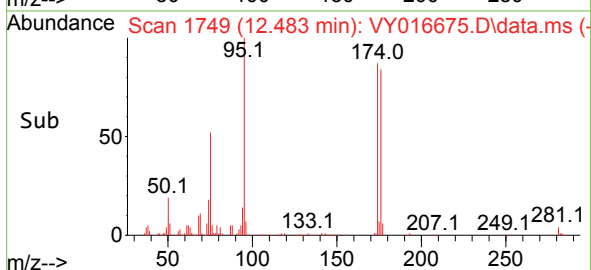
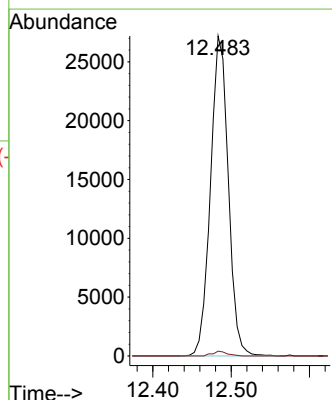
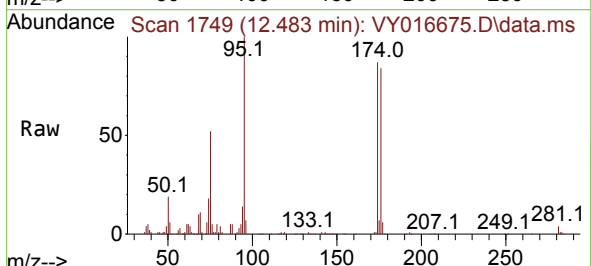
Acq: 16 Dec 2023 17:36

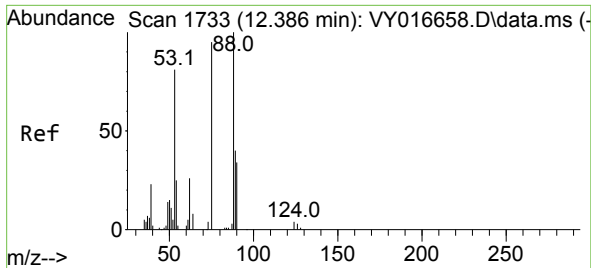
Tgt Ion: 75 Resp: 42910

Ion Ratio Lower Upper

75 100

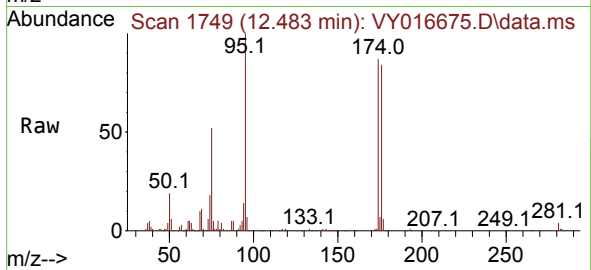
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.356 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

