

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016718.D
 Acq On : 20 Dec 2023 01:07
 Operator : SY/MD
 Sample : 05827-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

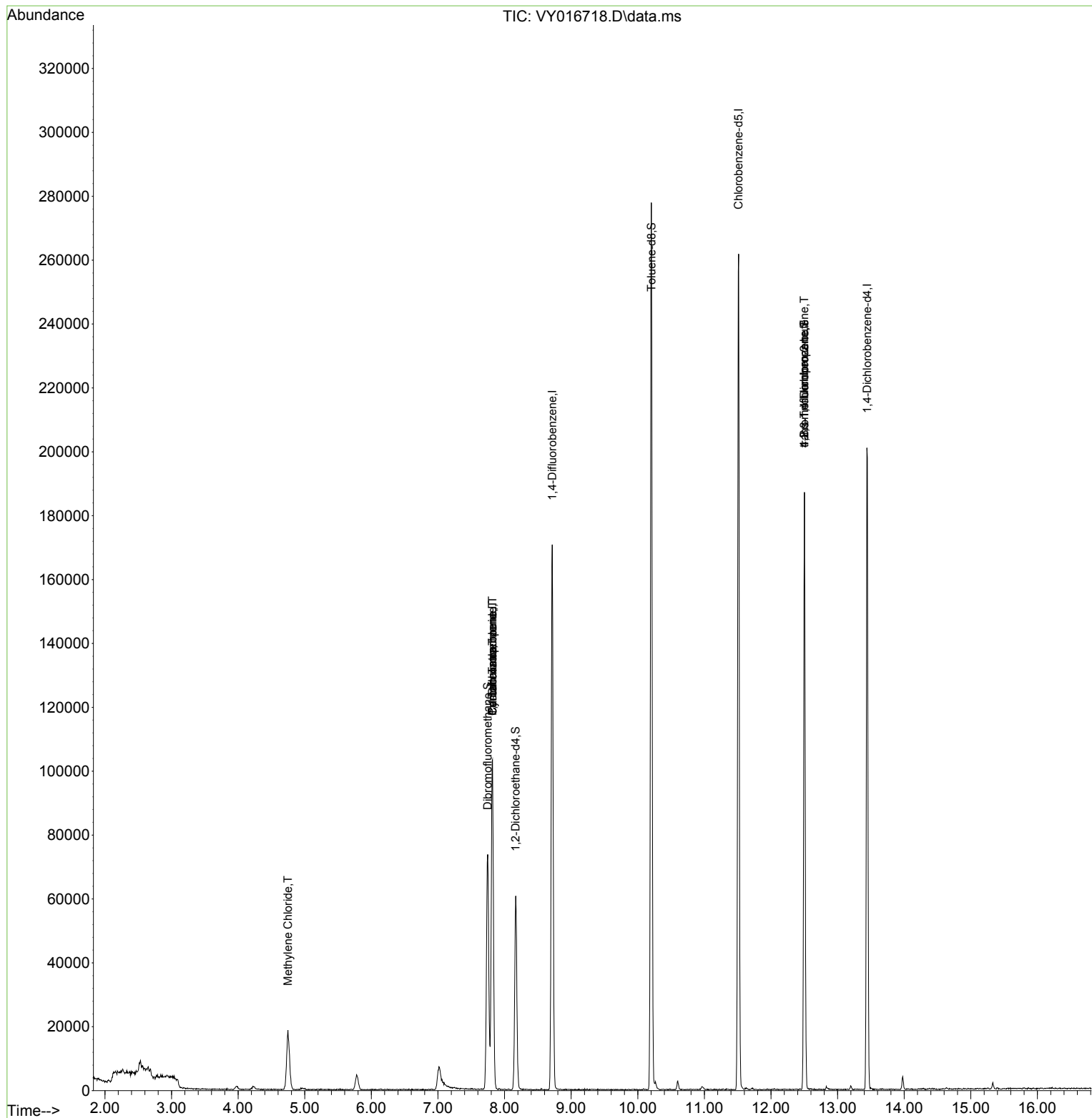
Internal Standards						
1) Pentafluorobenzene	7.820	168	86068	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	150460	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	145392	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	54814	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47624	66.897	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.800%	
35) Dibromofluoromethane	7.746	113	52800	59.583	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.160%	
50) Toluene-d8	10.203	98	182224	56.780	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.502	95	46923	51.422	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	249	Below Cal	#	41
11) Tert butyl alcohol	4.960	59	200	Below Cal	#	73
16) Acetone	3.979	43	1915	Below Cal		99
20) Methylene Chloride	4.747	84	14049	14.437	ug/l	93
25) 2-Butanone	7.021	43	662	Below Cal	#	42
31) Cyclohexane	7.820	56	1697	1.456	ug/l	# 21
36) 1,1-Dichloropropene	7.820	75	6552	4.888	ug/l	# 49
38) Carbon Tetrachloride	7.820	117	7689	5.316	ug/l	# 15
76) 1,2,3-Trichloropropane	12.502	75	26965	56.593	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.502	75	26965	129.846	ug/l	# 18

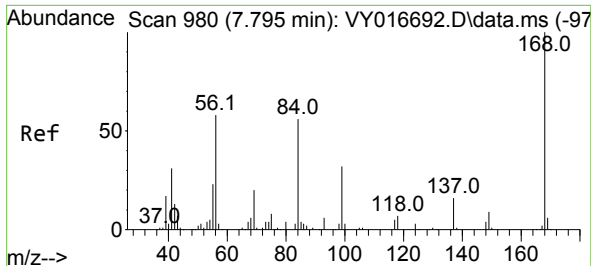
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
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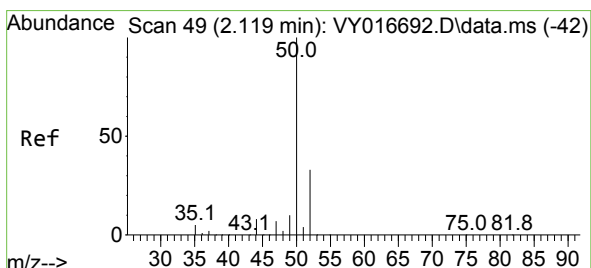
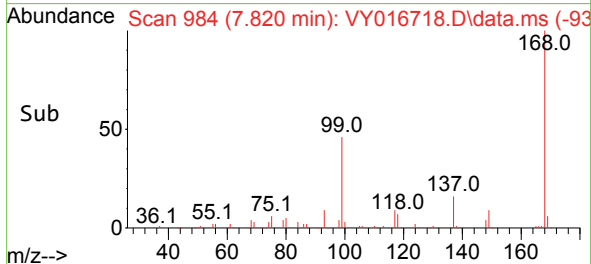
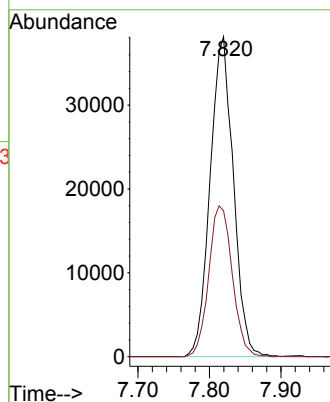
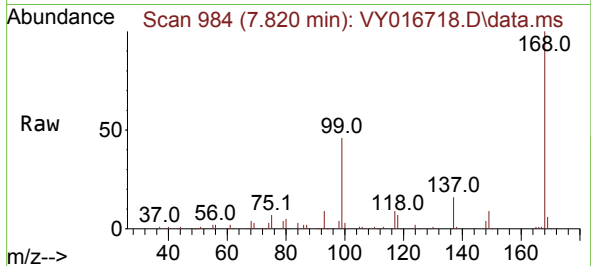




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

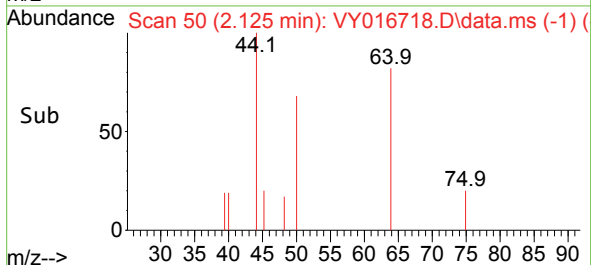
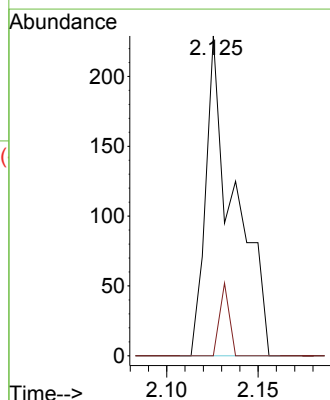
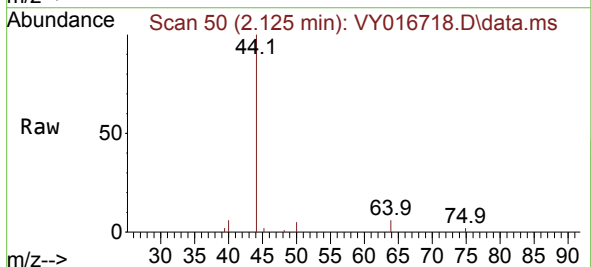
Instrument :
MSVOA_Y
ClientSampleId :

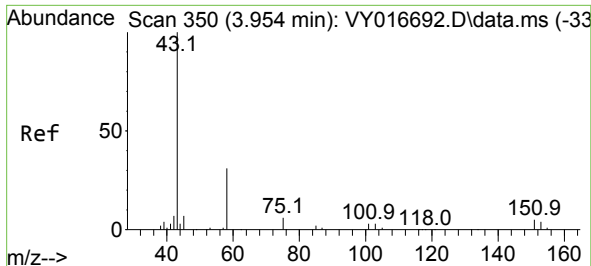
Tgt Ion:168 Resp: 86068
Ion Ratio Lower Upper
168 100
99 45.6 40.2 60.4



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

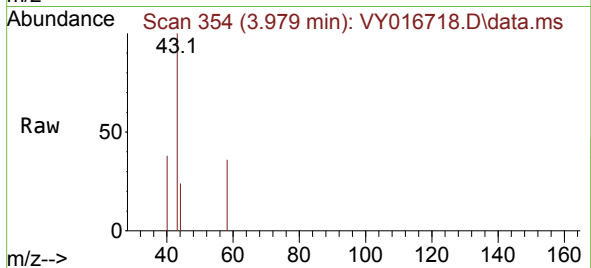
Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



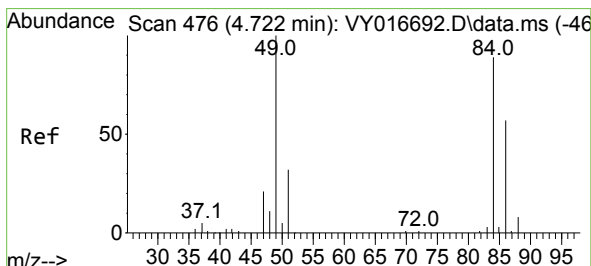
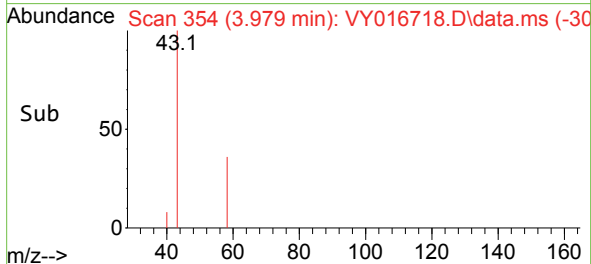
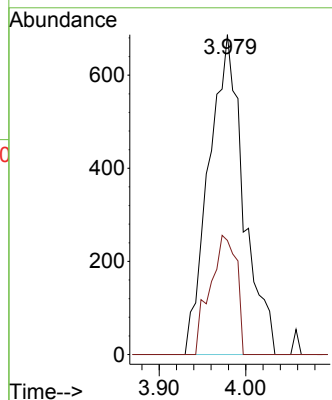


#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Instrument :
MSVOA_Y
ClientSampleId :

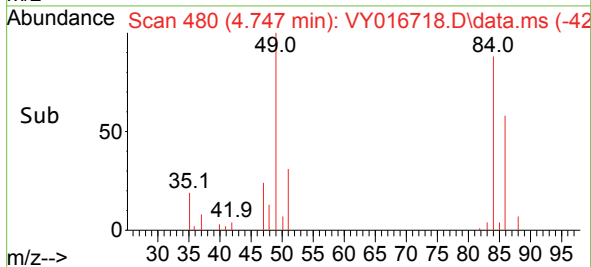
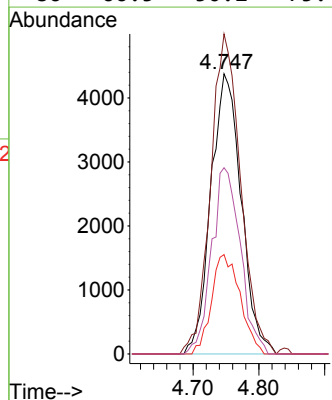
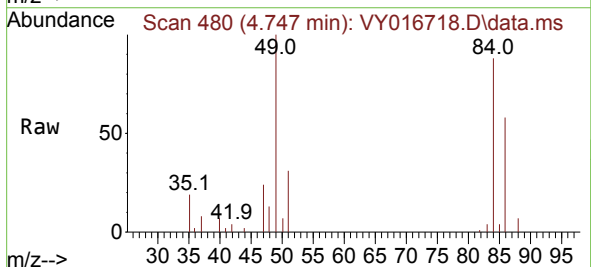


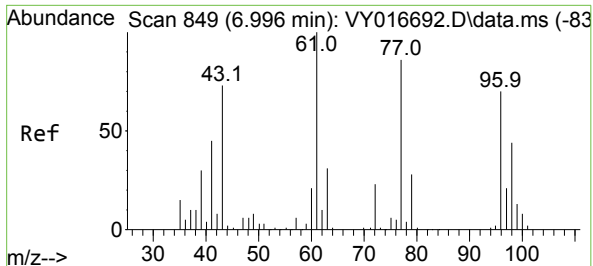
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4



#20
Methylene Chloride
Concen: 14.437 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 84 Resp: 14049
Ion Ratio Lower Upper
84 100
49 114.2 83.8 125.8
51 35.4 27.2 40.8
86 66.5 50.2 75.4

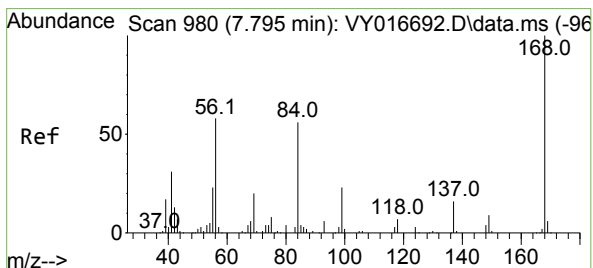
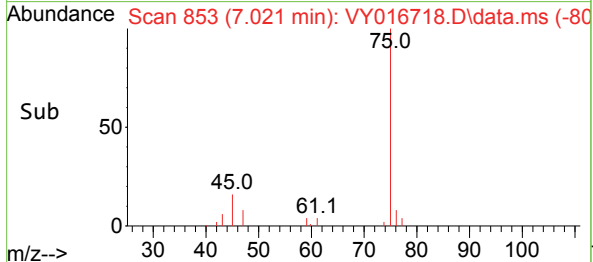
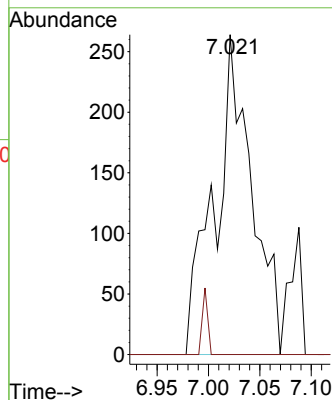
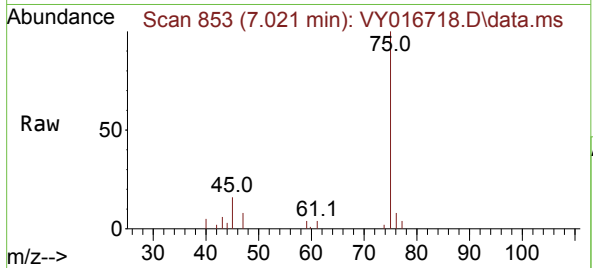




#25
2-Butanone
Concen: Below Cal
RT: 7.021 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

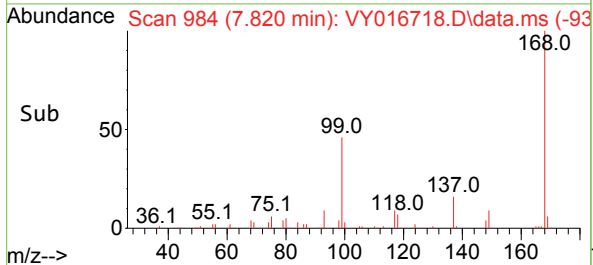
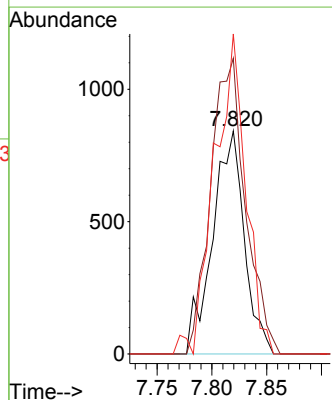
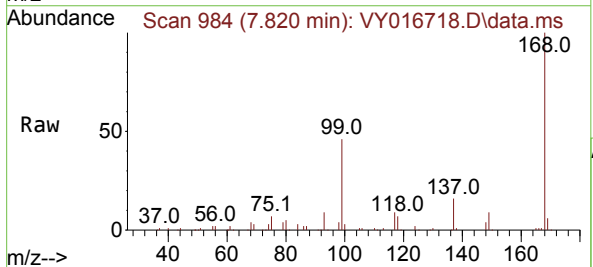
Instrument :
MSVOA_Y
ClientSampleId :

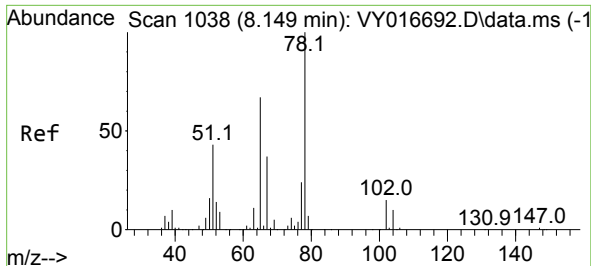
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 26.3 39.5#



#31
Cyclohexane
Concen: 1.456 ug/l
RT: 7.820 min Scan# 984
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 56 Resp: 1697
Ion Ratio Lower Upper
56 100
69 132.5 27.5 41.3#
84 143.4 78.1 117.1#





#33

1,2-Dichloroethane-d4

Concen: 66.897 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016718.D

Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_Y

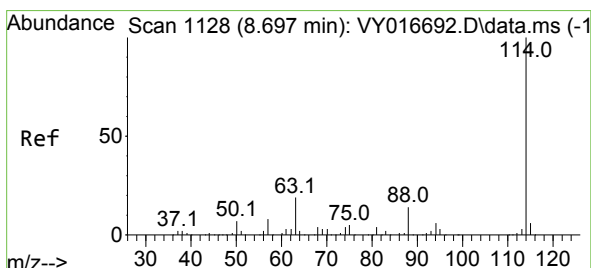
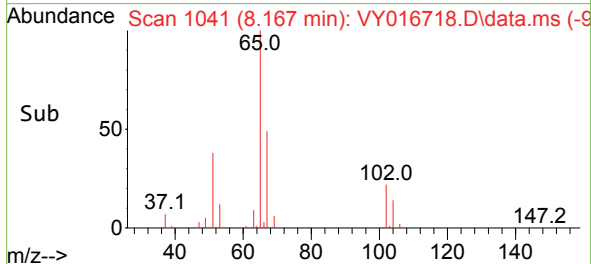
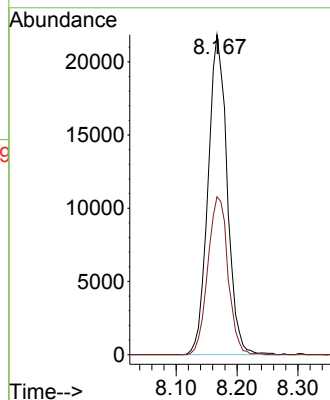
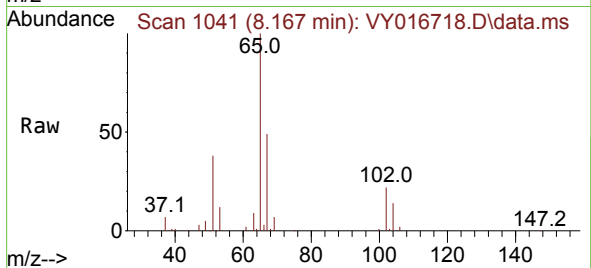
ClientSampleId :

Tgt Ion: 65 Resp: 47624

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.018 min

Lab File: VY016718.D

Acq: 20 Dec 2023 01:07

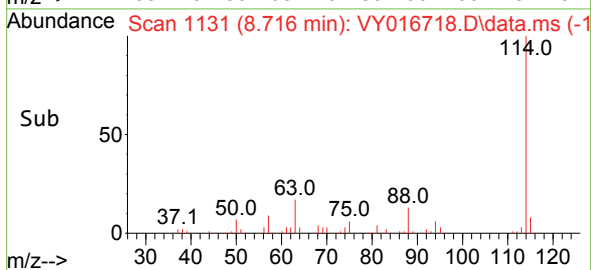
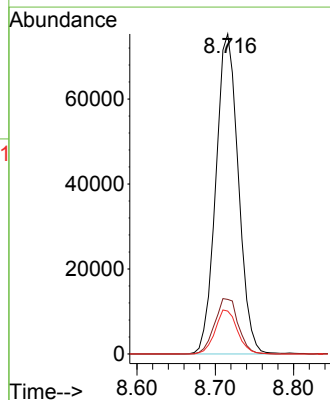
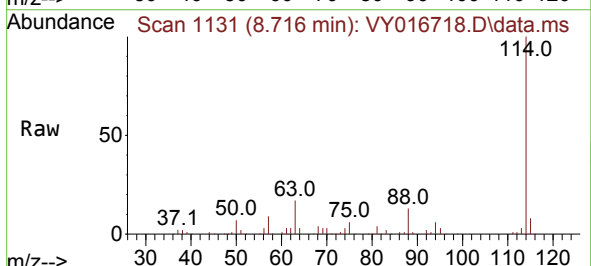
Tgt Ion: 114 Resp: 150460

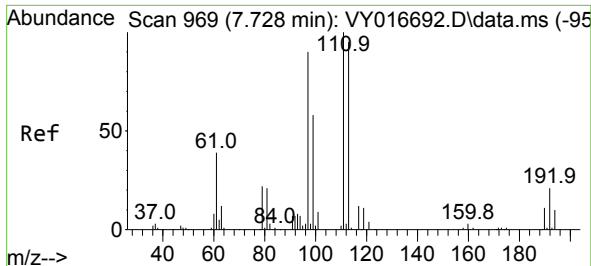
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

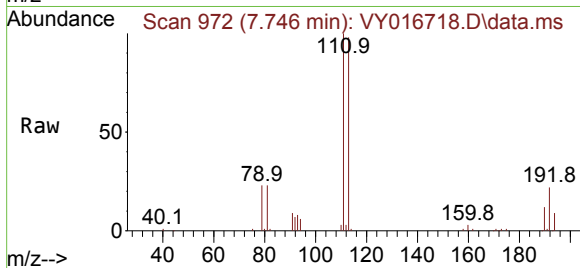
88 13.4 0.0 29.2



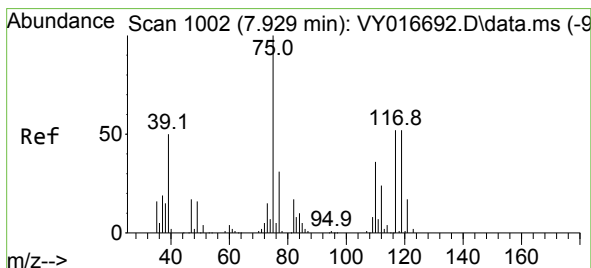
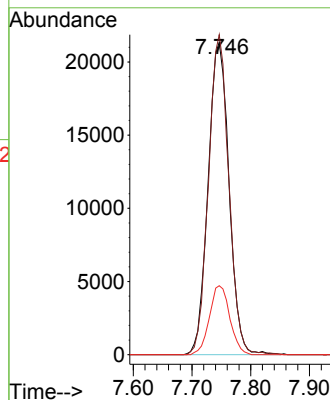
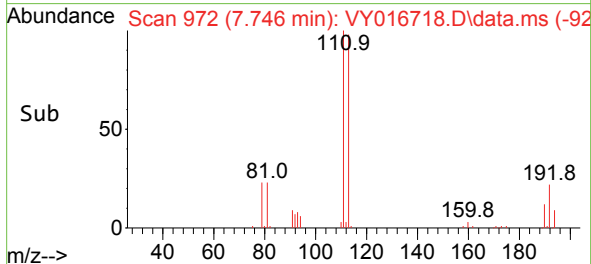


#35
Dibromofluoromethane
Concen: 59.583 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

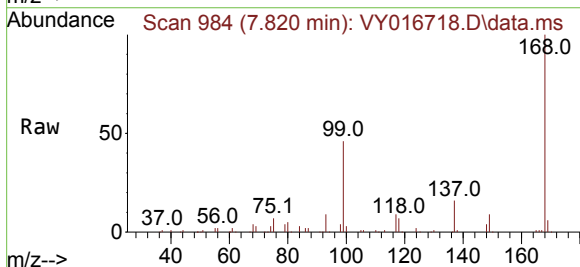
Instrument :
MSVOA_Y
ClientSampleId :



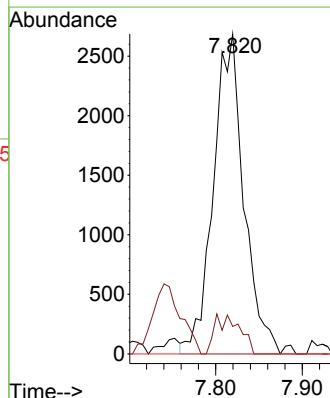
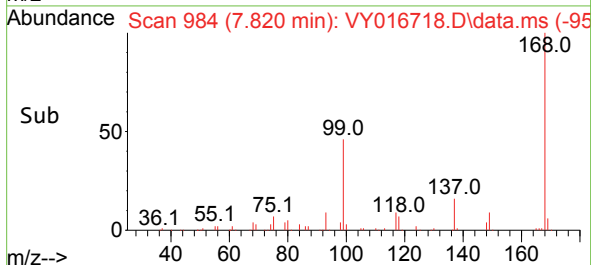
Tgt Ion:113 Resp: 52800
Ion Ratio Lower Upper
113 100
111 99.5 81.9 122.9
192 21.5 16.2 24.4

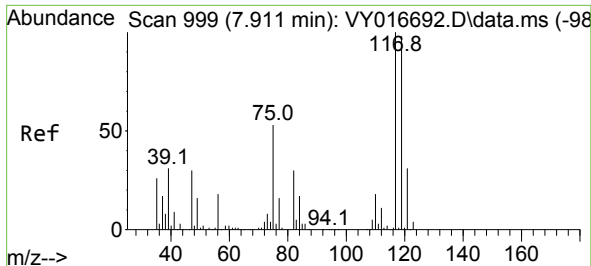


#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07



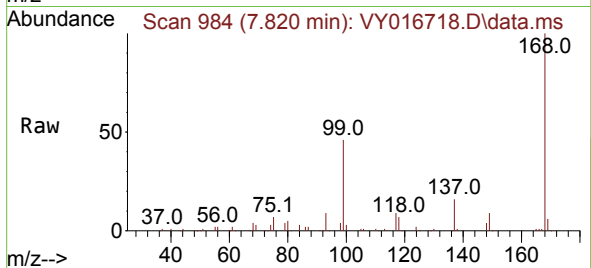
Tgt Ion: 75 Resp: 6552
Ion Ratio Lower Upper
75 100
110 10.0 18.9 56.9#
77 0.0 25.3 37.9#



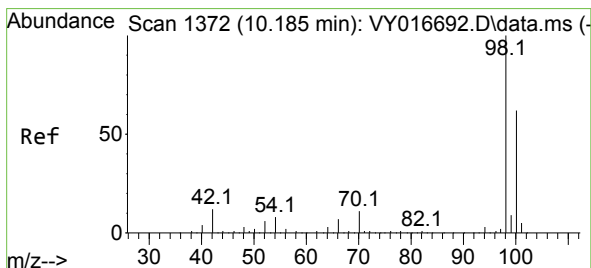
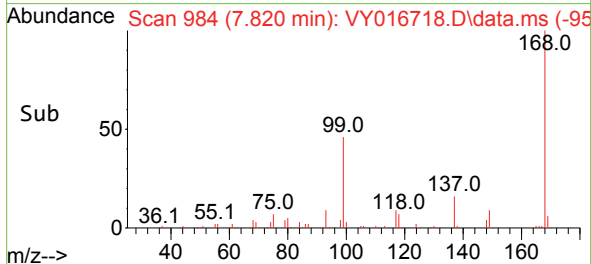
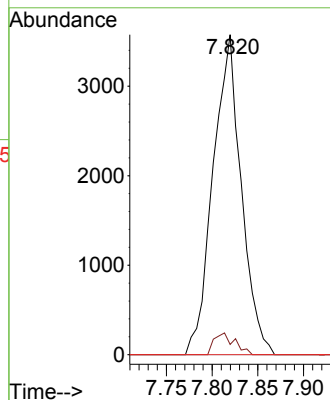


#38
Carbon Tetrachloride
Concen: 5.316 ug/l
RT: 7.820 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Instrument :
MSVOA_Y
ClientSampleId :

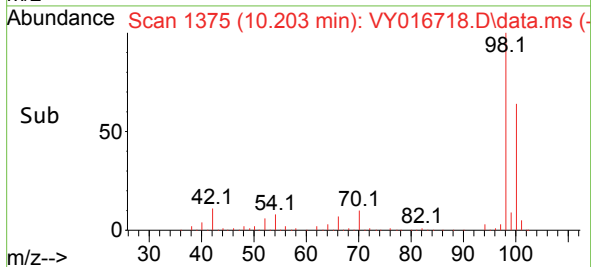
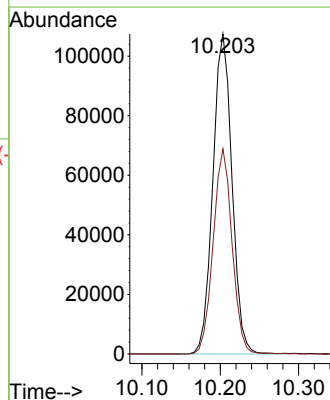
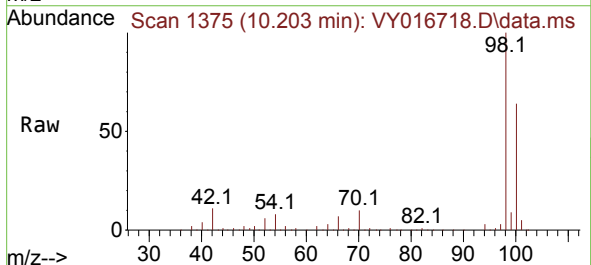


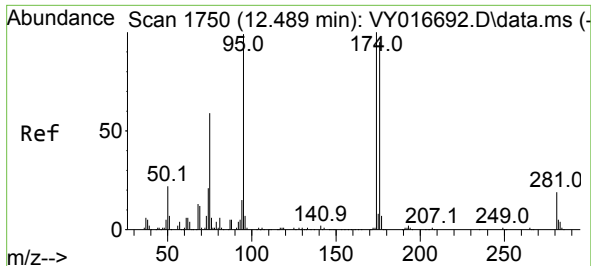
Tgt Ion:117 Resp: 7689
Ion Ratio Lower Upper
117 100
119 3.2 75.0 112.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 56.780 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.018 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 98 Resp: 182224
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7

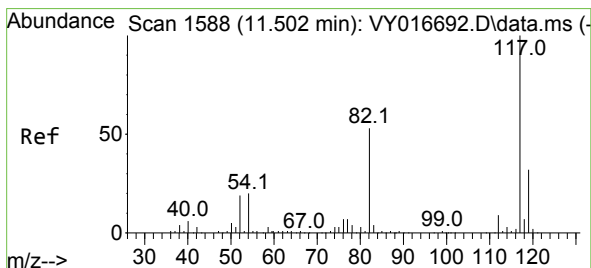
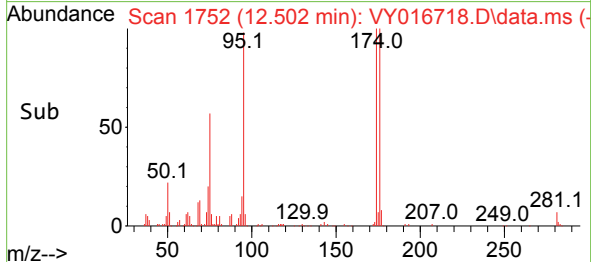
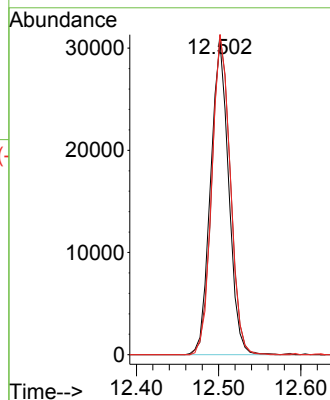
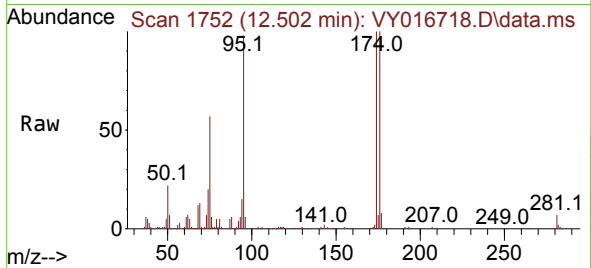




#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

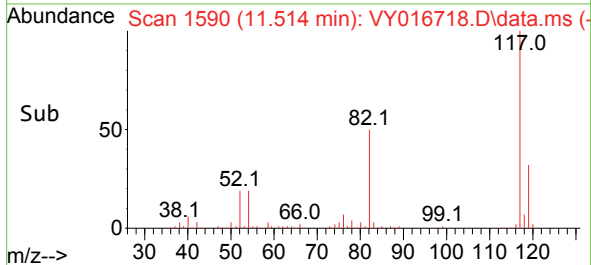
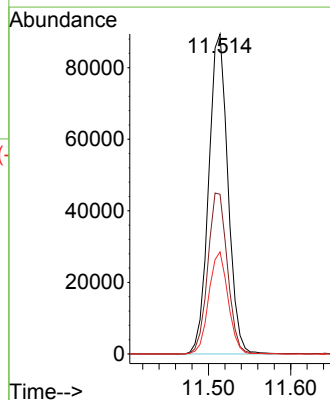
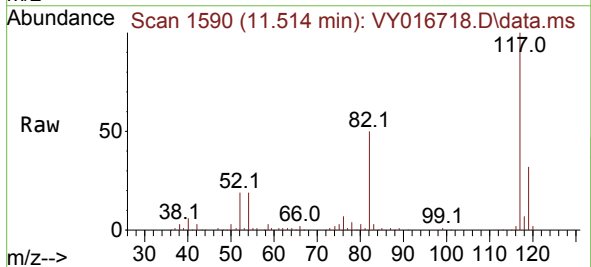
Instrument :
MSVOA_Y
ClientSampleId :

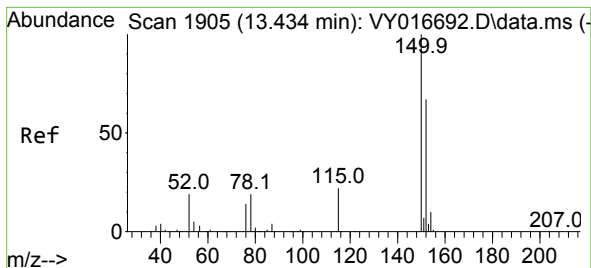
Tgt Ion: 95 Resp: 46923
Ion Ratio Lower Upper
95 100
174 104.4 0.0 181.0
176 103.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 117 Resp: 145392
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1905

Delta R.T. 0.012 min

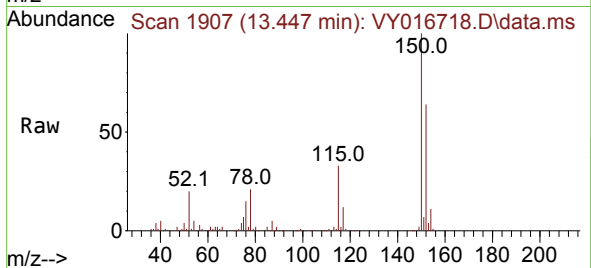
Lab File: VY016718.D

Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :



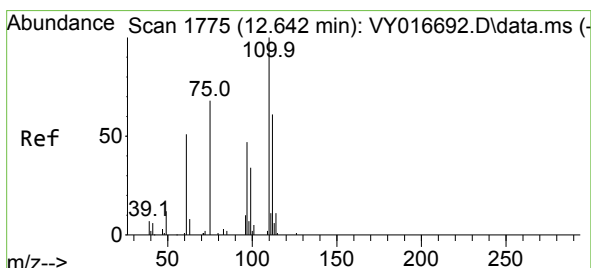
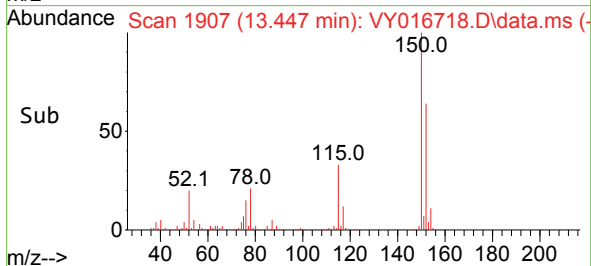
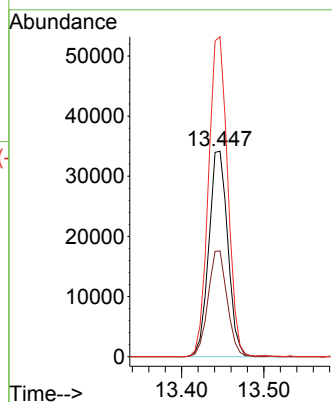
Tgt Ion:152 Resp: 54814

Ion Ratio Lower Upper

152 100

115 51.6 28.2 84.7

150 156.7 0.0 350.6



#76

1,2,3-Trichloropropane

Concen: 56.593 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY016718.D

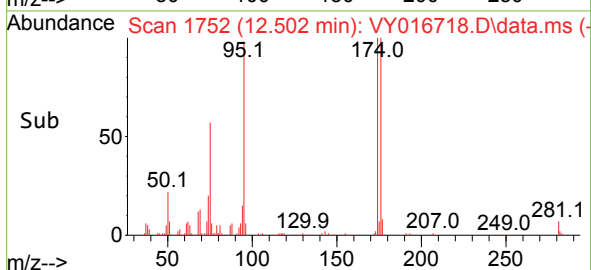
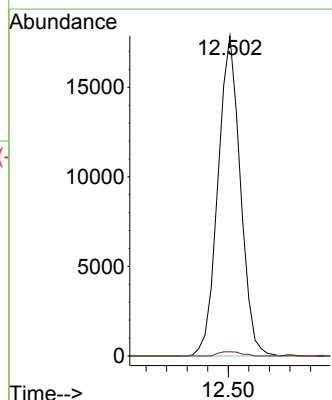
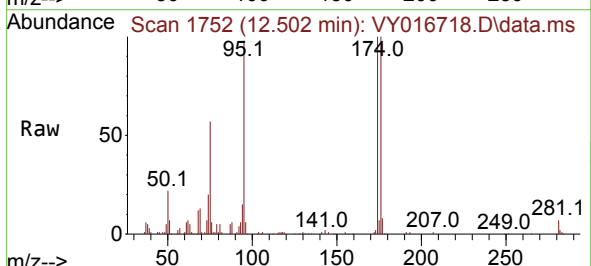
Acq: 20 Dec 2023 01:07

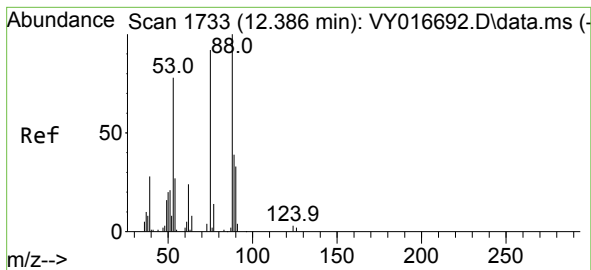
Tgt Ion: 75 Resp: 26965

Ion Ratio Lower Upper

75 100

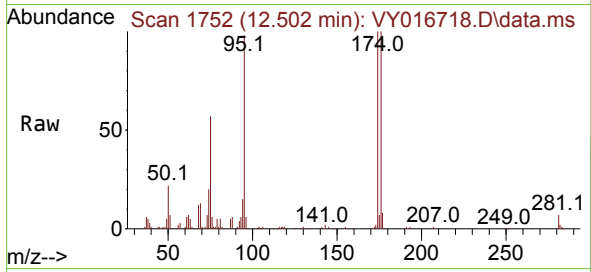
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.846 ug/l
 RT: 12.502 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY016718.D
 Acq: 20 Dec 2023 01:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	26965
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.0	35.8	53.8#

