

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016716.D
 Acq On : 20 Dec 2023 00:21
 Operator : SY/MD
 Sample : 05827-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:43:07 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)

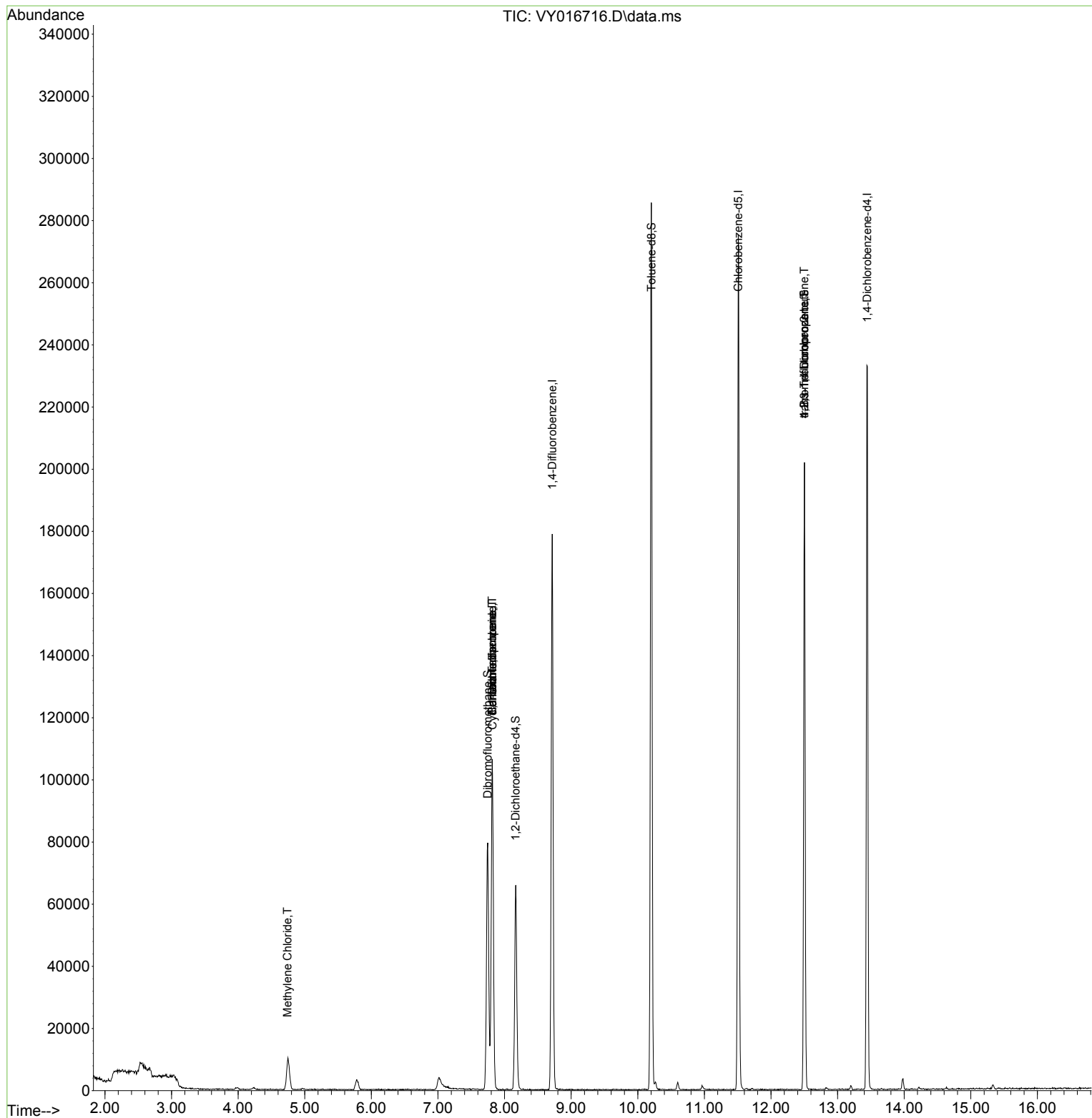
Internal Standards						
1) Pentafluorobenzene	7.813	168	86009	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	155336	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	153152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	62654	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	50267	70.658	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.320%	
35) Dibromofluoromethane	7.746	113	54258	59.307	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.620%	
50) Toluene-d8	10.203	98	189189	57.100	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.200%	
62) 4-Bromofluorobenzene	12.502	95	51051	54.190	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	104	Below Cal	#	43
3) Chloromethane	2.132	50	151	Below Cal	#	62
11) Tert butyl alcohol	4.985	59	187	Below Cal	#	73
16) Acetone	3.967	43	457	Below Cal		96
20) Methylene Chloride	4.741	84	7496	5.034	ug/l	98
25) 2-Butanone	7.003	43	63	Below Cal	#	42
31) Cyclohexane	7.819	56	1876	1.611	ug/l #	44
36) 1,1-Dichloropropene	7.813	75	6643	4.800	ug/l #	47
38) Carbon Tetrachloride	7.813	117	7927	5.309	ug/l #	17
76) 1,2,3-Trichloropropane	12.502	75	29198	53.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	29198	123.005	ug/l #	18

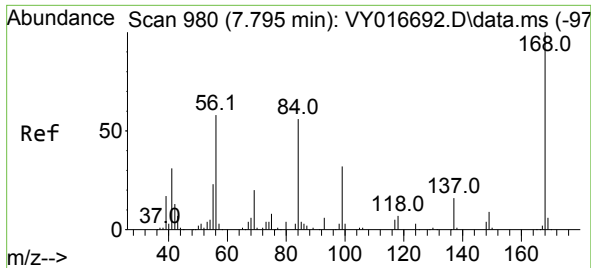
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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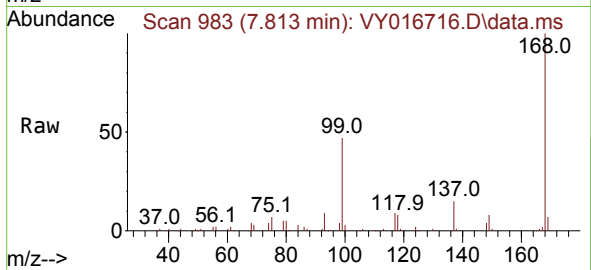
Quant Time: Dec 20 06:43:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
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QLast Update : Wed Dec 20 05:26:40 2023
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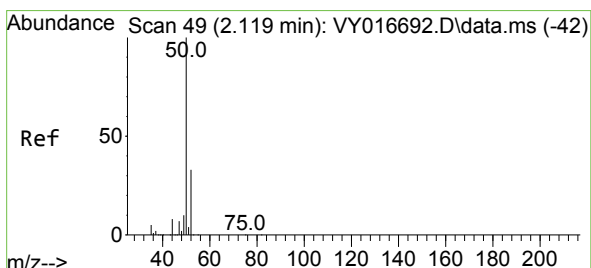
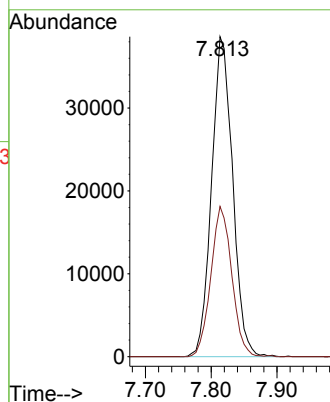
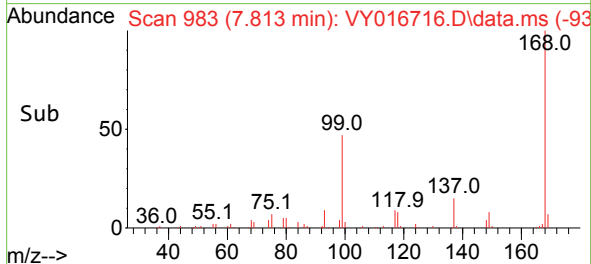


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Instrument :
MSVOA_Y
ClientSampleId :

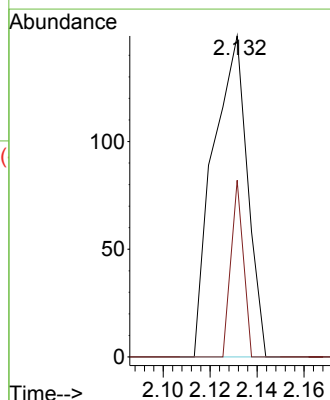
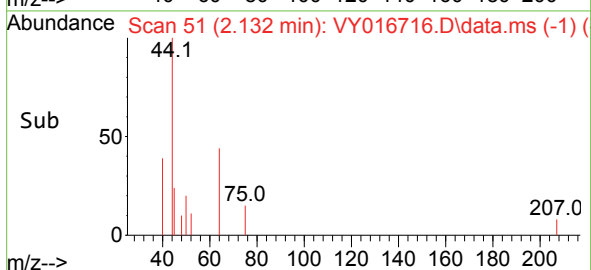
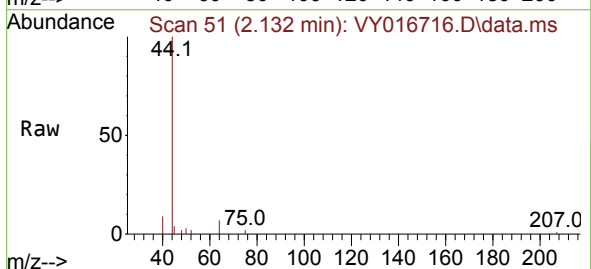


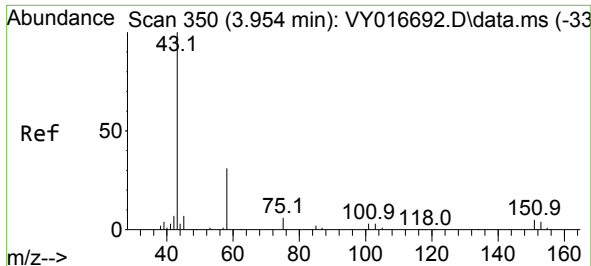
Tgt Ion:168 Resp: 86009
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4



#3
Chloromethane
Concen: Below Cal
RT: 2.132 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

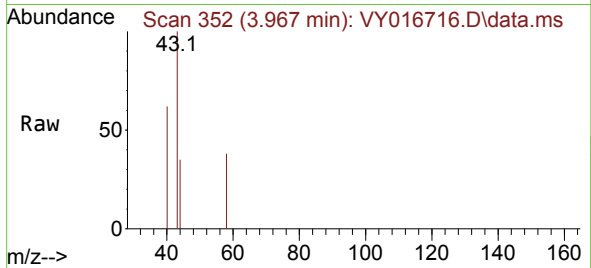
Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 55.0 26.6 40.0#



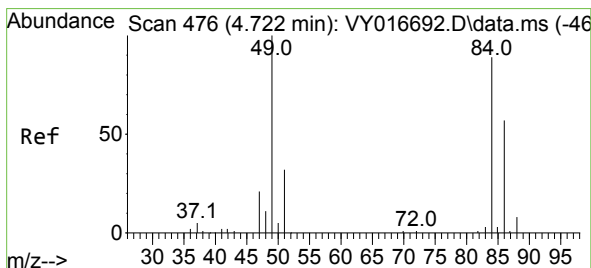
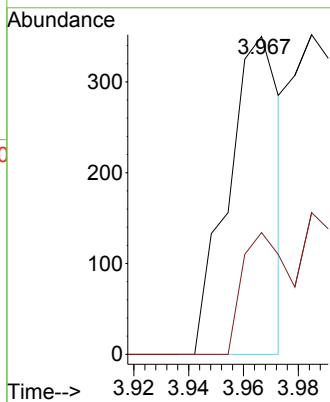
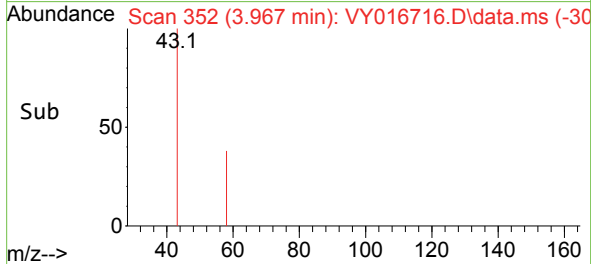


#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

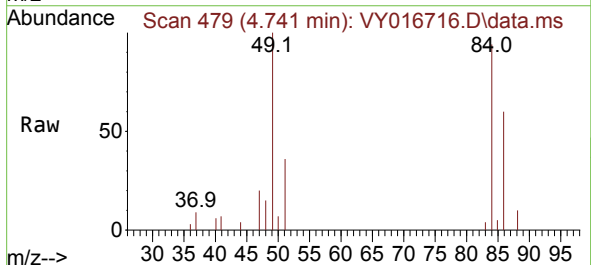
Instrument :
MSVOA_Y
ClientSampleId :



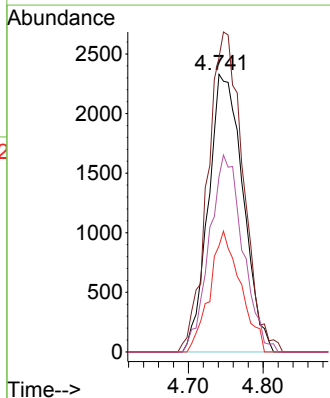
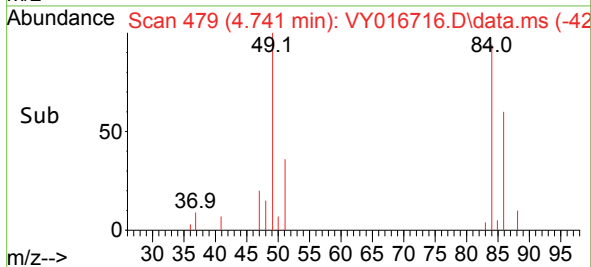
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 38.3 29.0 43.4

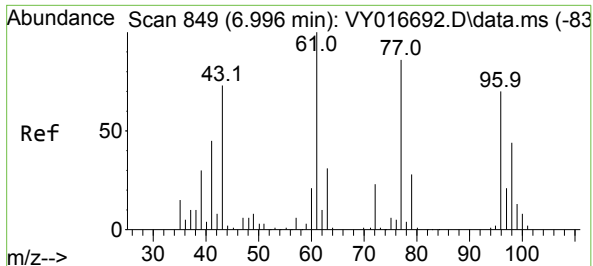


#20
Methylene Chloride
Concen: 5.034 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21



Tgt Ion: 84 Resp: 7496
Ion Ratio Lower Upper
84 100
49 106.0 83.8 125.8
51 38.2 27.2 40.8
86 63.1 50.2 75.4

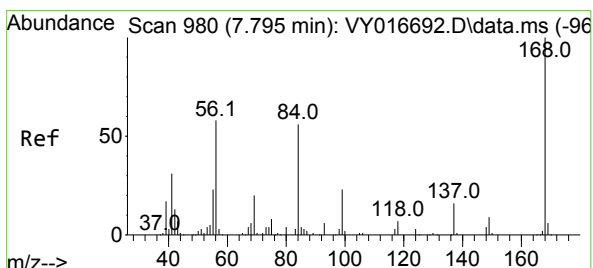
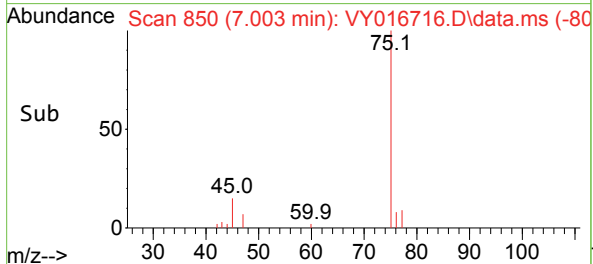
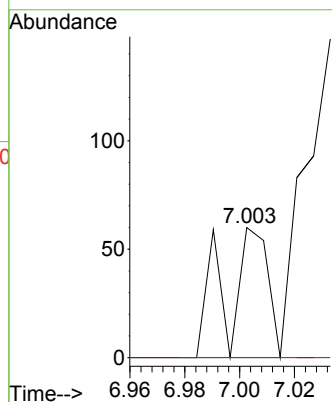
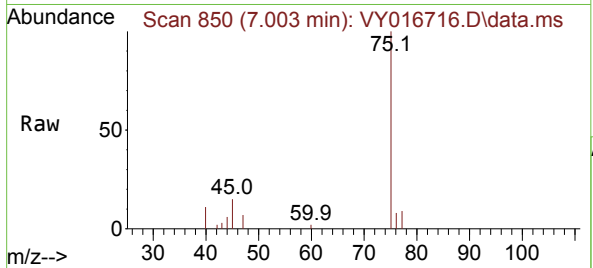




#25
2-Butanone
Concen: Below Cal
RT: 7.003 min Scan# 81
Delta R.T. 0.007 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

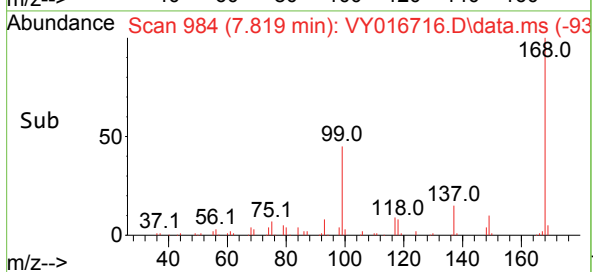
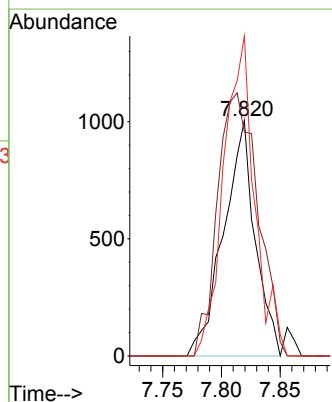
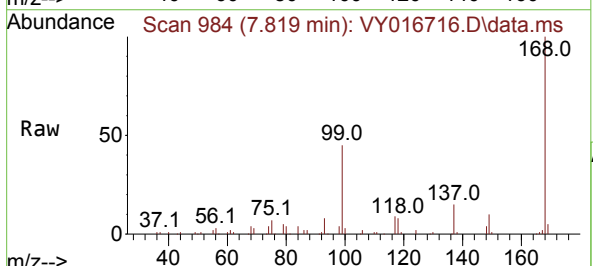
Instrument :
MSVOA_Y
ClientSampleId :

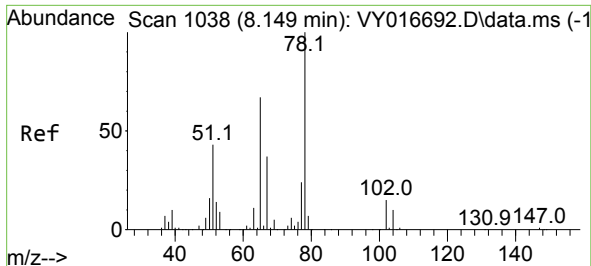
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
72 0.0 26.3 39.5#



#31
Cyclohexane
Concen: 1.611 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.024 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 95.1 27.5 41.3#
84 135.9 78.1 117.1#

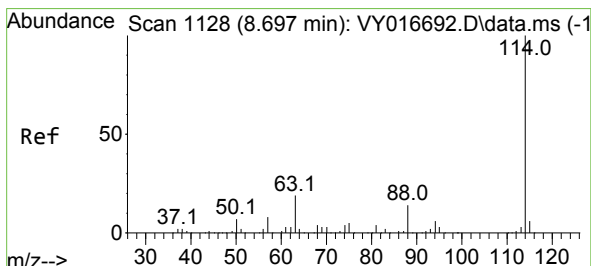
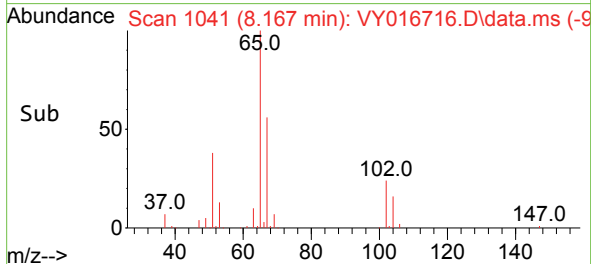
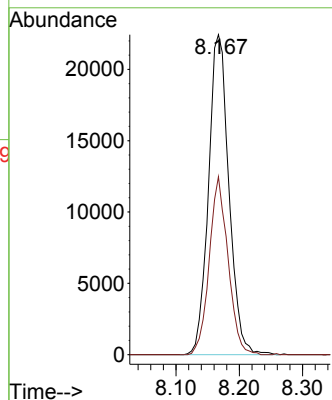
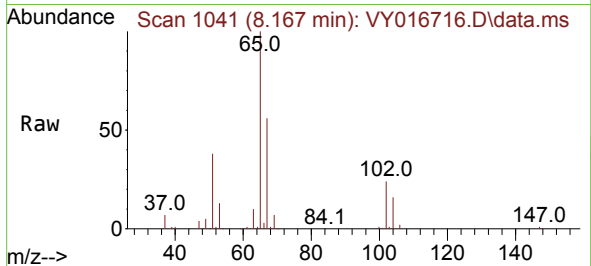




#33
 1,2-Dichloroethane-d4
 Concen: 70.658 ug/l
 RT: 8.167 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VY016716.D
 Acq: 20 Dec 2023 00:21

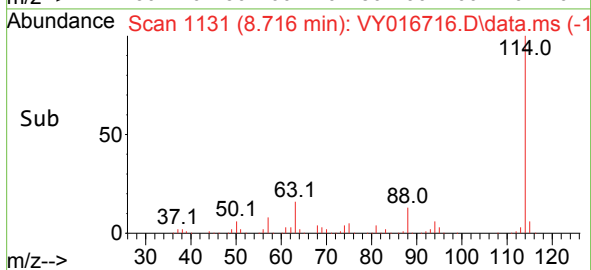
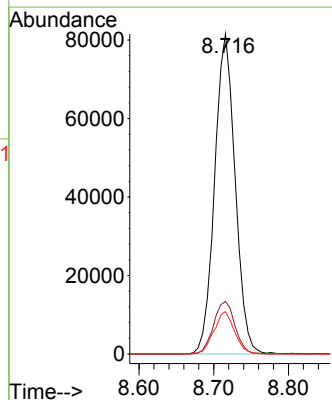
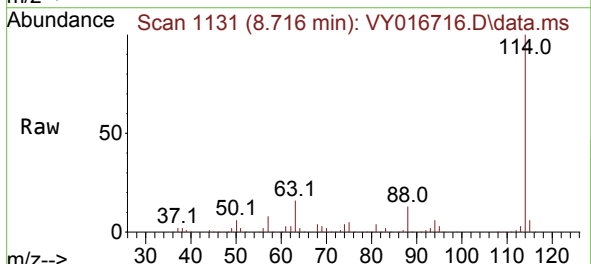
Instrument :
 MSVOA_Y
 ClientSampleId :

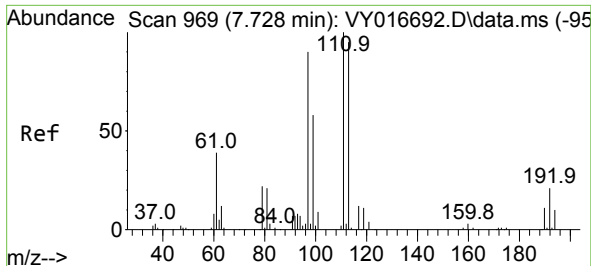
Tgt Ion: 65 Resp: 50267
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.018 min
 Lab File: VY016716.D
 Acq: 20 Dec 2023 00:21

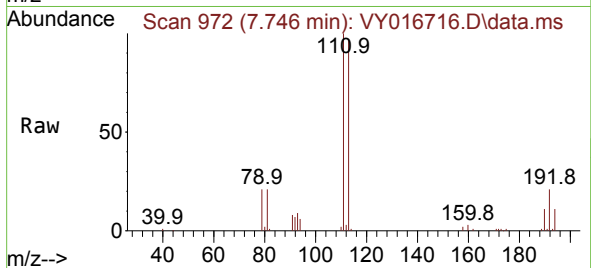
Tgt Ion: 114 Resp: 155336
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 34.0
 88 13.3 0.0 29.2



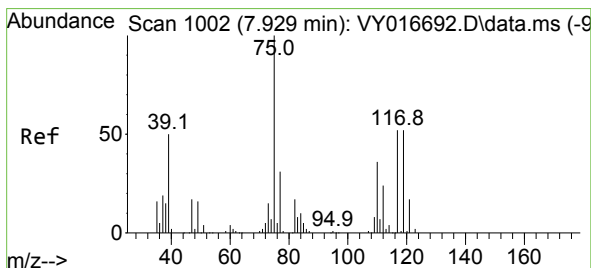
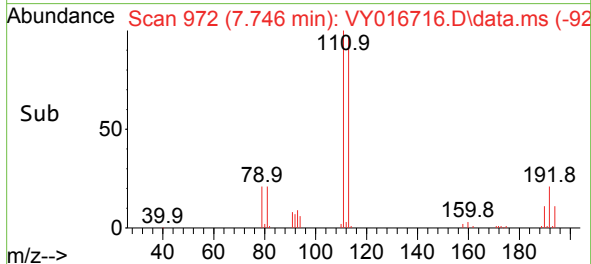
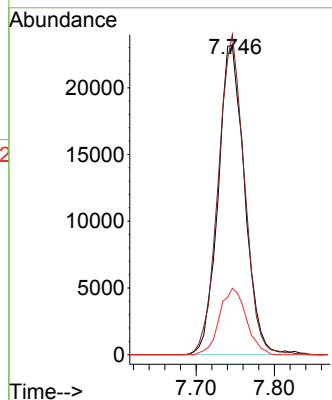


#35
Dibromofluoromethane
Concen: 59.307 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Instrument :
MSVOA_Y
ClientSampleId :

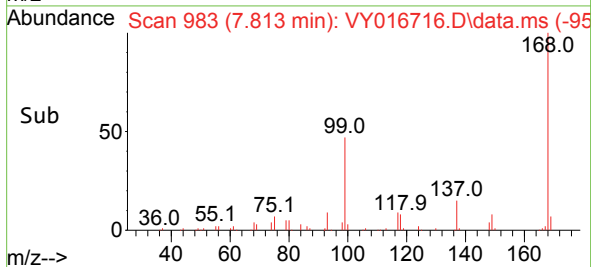
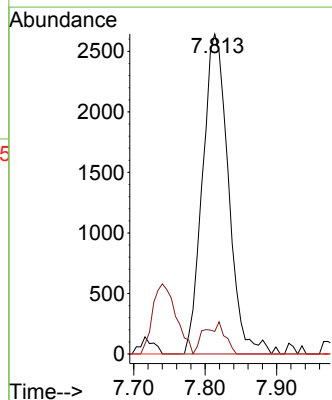
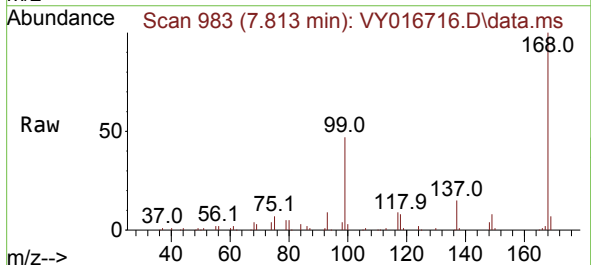


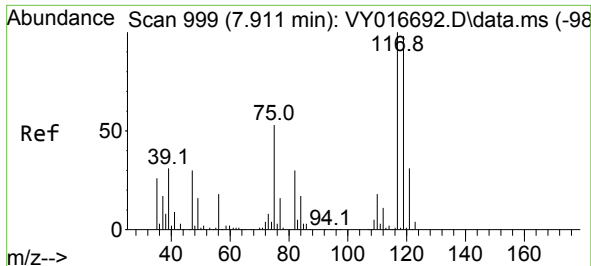
Tgt Ion:113 Resp: 54258
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 21.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

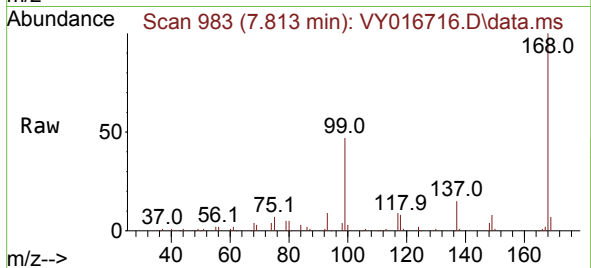
Tgt Ion: 75 Resp: 6643
Ion Ratio Lower Upper
75 100
110 7.9 18.9 56.9#
77 0.0 25.3 37.9#



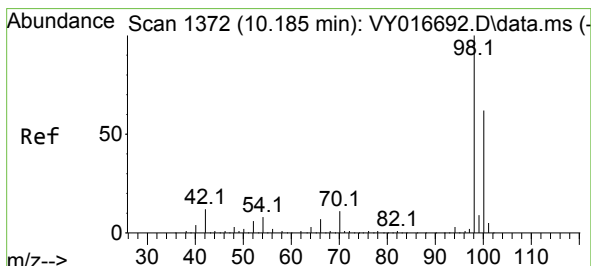
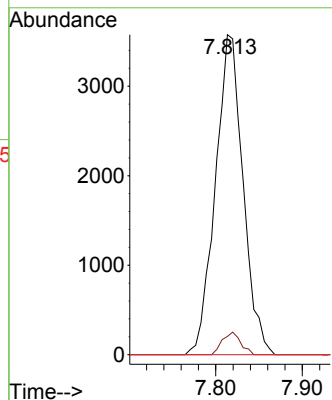
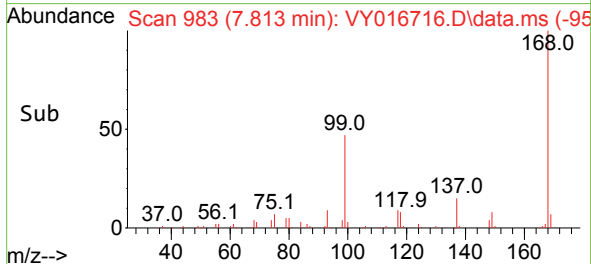


#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

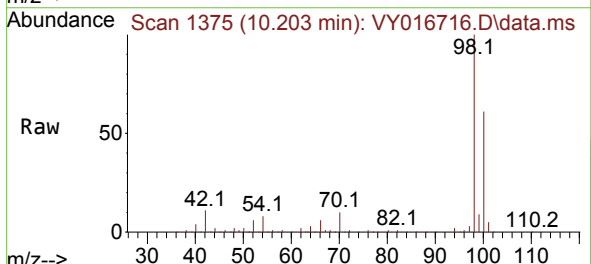
Instrument :
MSVOA_Y
ClientSampleId :



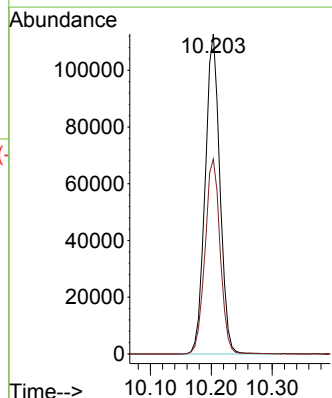
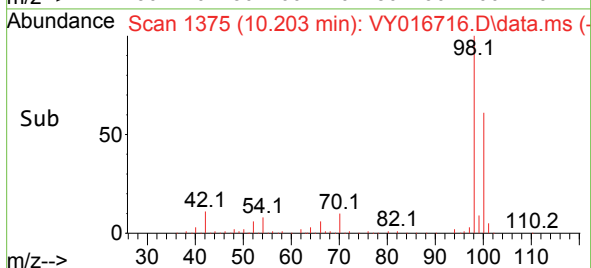
Tgt Ion:117 Resp: 7927
Ion Ratio Lower Upper
117 100
119 5.7 75.0 112.4#
121 0.0 24.2 36.4#

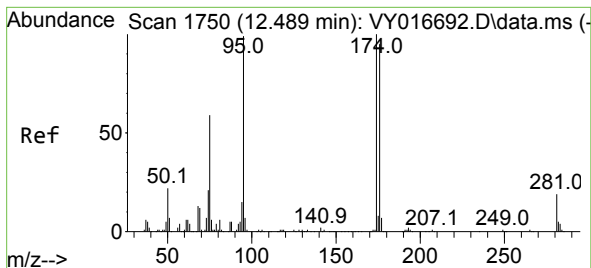


#50
Toluene-d8
Concen: 57.100 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21



Tgt Ion: 98 Resp: 189189
Ion Ratio Lower Upper
98 100
100 62.6 52.5 78.7

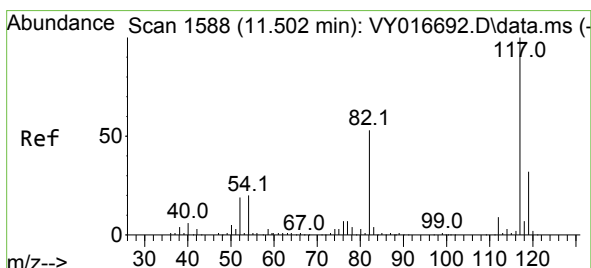
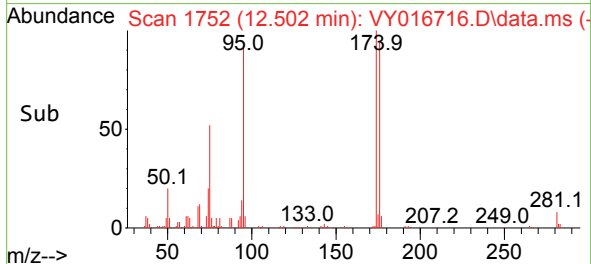
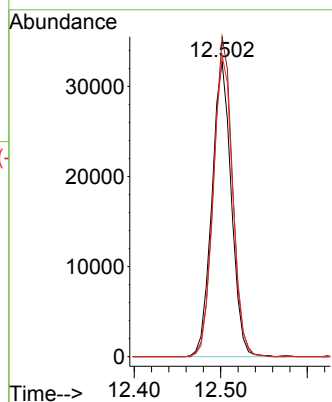
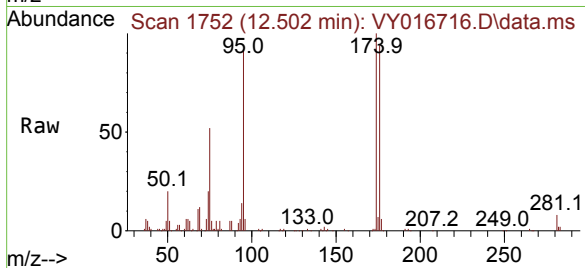




#62
4-Bromofluorobenzene
Concen: 54.190 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

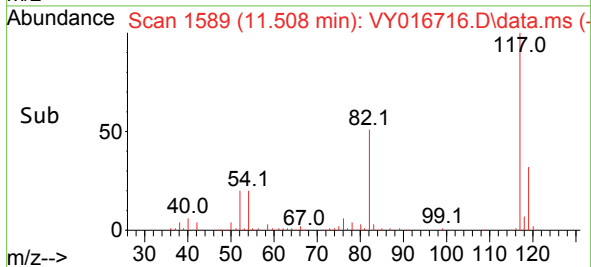
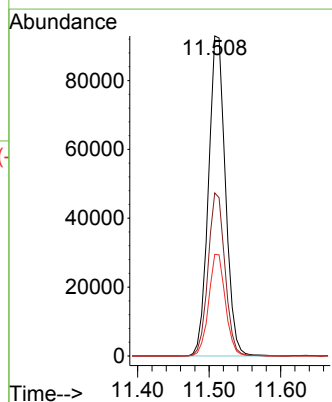
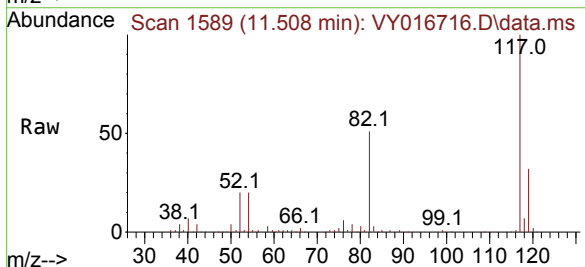
Instrument :
MSVOA_Y
ClientSampleId :

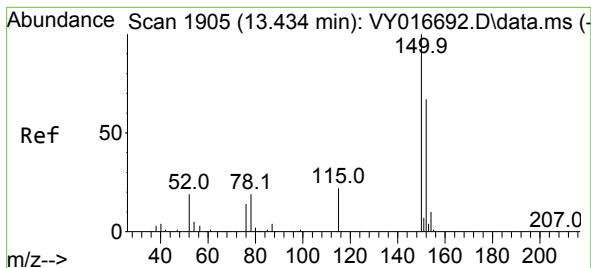
Tgt Ion: 95 Resp: 51051
Ion Ratio Lower Upper
95 100
174 106.2 0.0 181.0
176 102.5 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Tgt Ion: 117 Resp: 153152
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.6
119 31.8 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

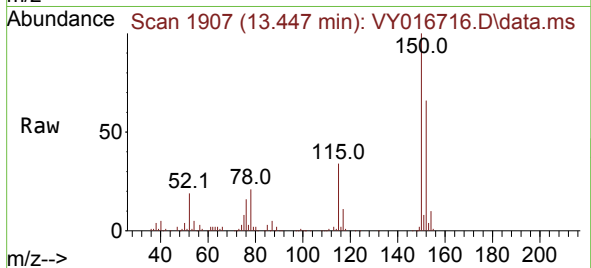
Lab File: VY016716.D

Acq: 20 Dec 2023 00:21

Instrument :

MSVOA_Y

ClientSampleId :



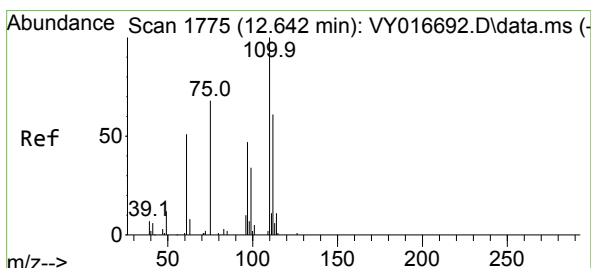
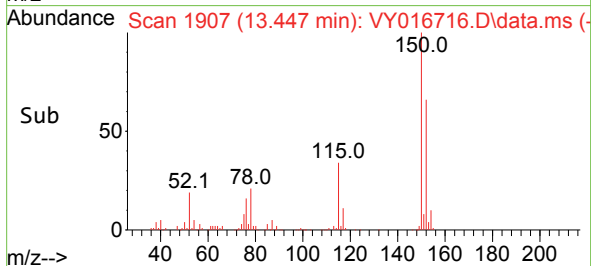
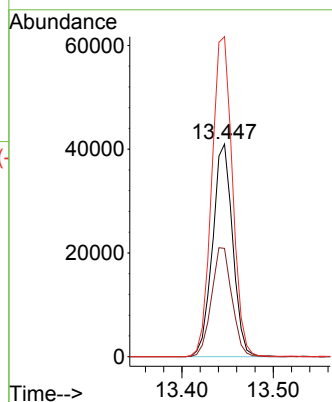
Tgt Ion:152 Resp: 62654

Ion Ratio Lower Upper

152 100

115 52.1 28.2 84.7

150 154.8 0.0 350.6



#76

1,2,3-Trichloropropane

Concen: 53.611 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY016716.D

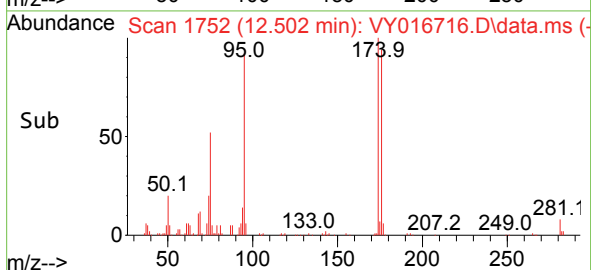
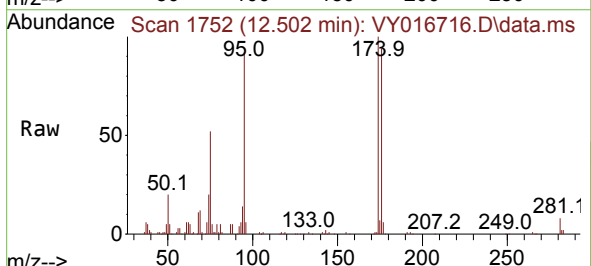
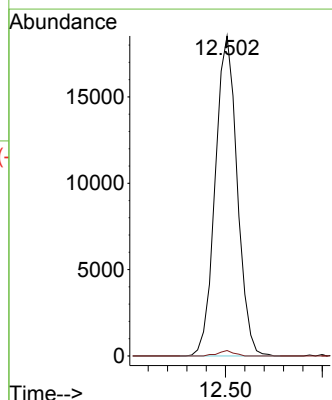
Acq: 20 Dec 2023 00:21

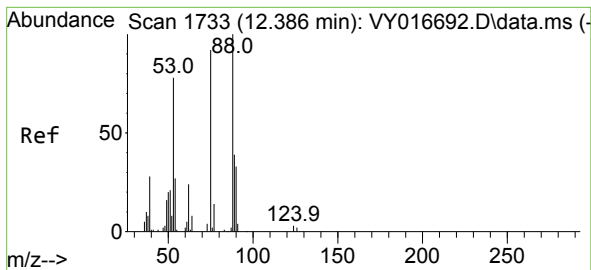
Tgt Ion: 75 Resp: 29198

Ion Ratio Lower Upper

75 100

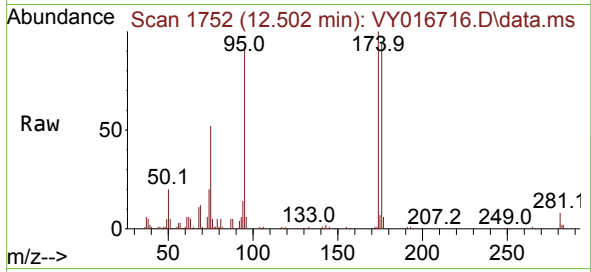
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.005 ug/l
 RT: 12.502 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY016716.D
 Acq: 20 Dec 2023 00:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	29198
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.0	35.8	53.8#

