

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016751.D
 Acq On : 21 Dec 2023 09:28
 Operator : SY/MD
 Sample : 05876-20
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 14:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

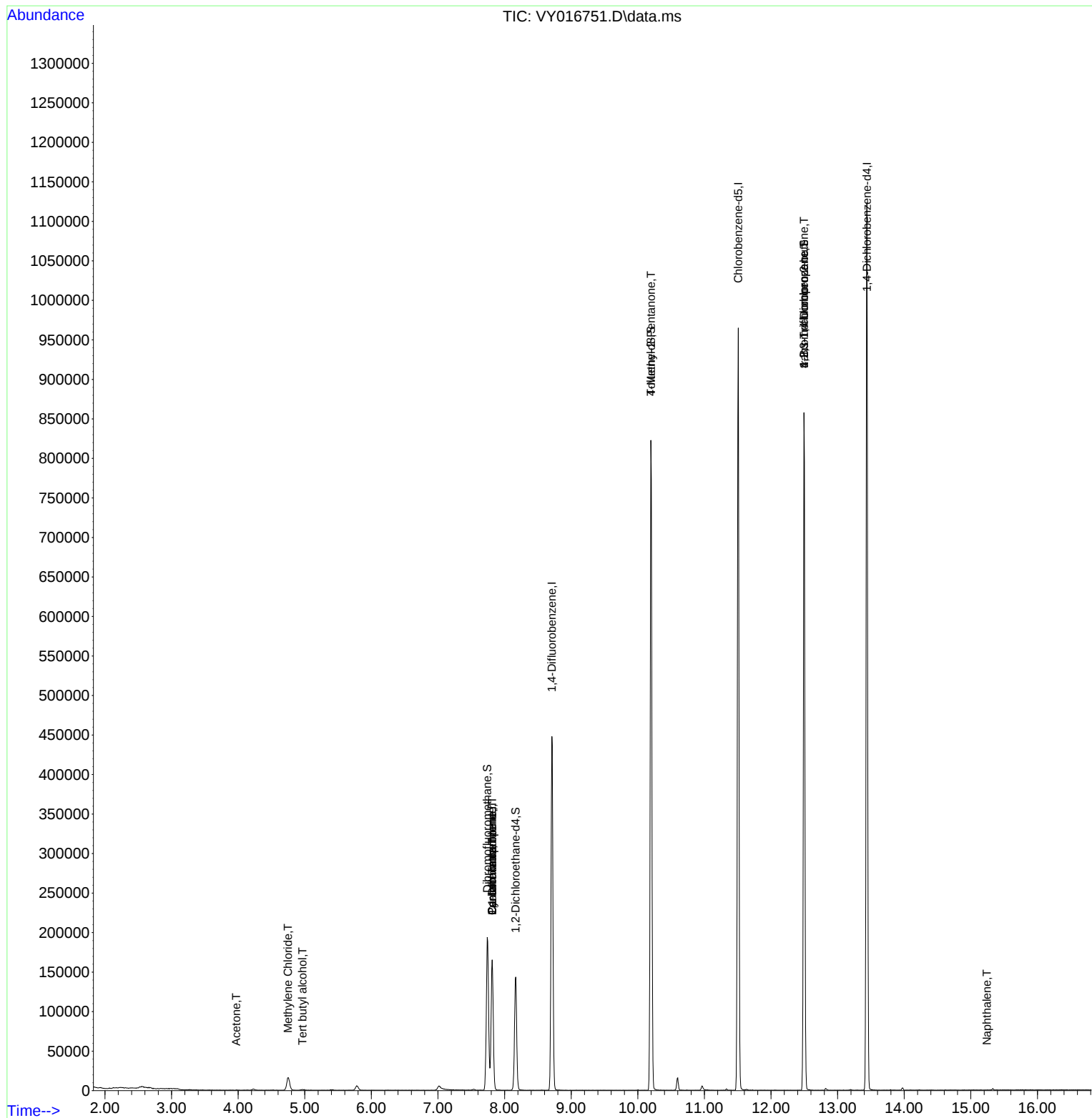
Internal Standards						
1) Pentafluorobenzene	7.813	168	123914	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	385293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	508543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	274121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	112666	99.598	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.200%#	
35) Dibromofluoromethane	7.740	113	141319	64.031	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.060%	
50) Toluene-d8	10.197	98	530820	66.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 133.440%	
62) 4-Bromofluorobenzene	12.495	95	261776	101.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 202.840%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1264	13.628	ug/l #	75
16) Acetone	3.973	43	523	1.710	ug/l #	41
20) Methylene Chloride	4.747	84	12619	5.315	ug/l	95
31) Cyclohexane	7.813	56	2711	1.251	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	11129	3.145	ug/l #	49
38) Carbon Tetrachloride	7.813	117	12930	3.693	ug/l #	18
51) 4-Methyl-2-Pentanone	10.197	43	2148	1.369	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	137189	45.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	137189	106.321	ug/l #	12
95) Naphthalene	15.239	128	134	3.608	ug/l #	69

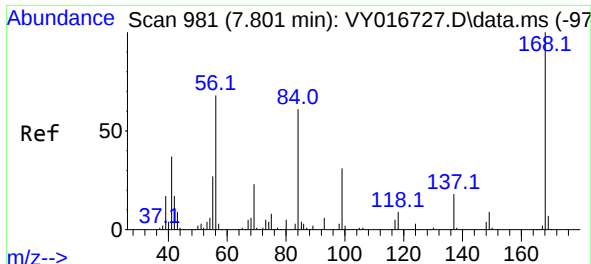
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
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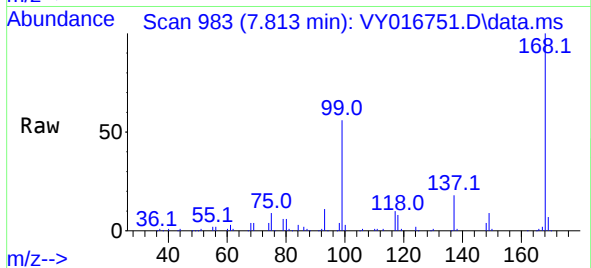
Quant Time: Dec 21 14:20:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
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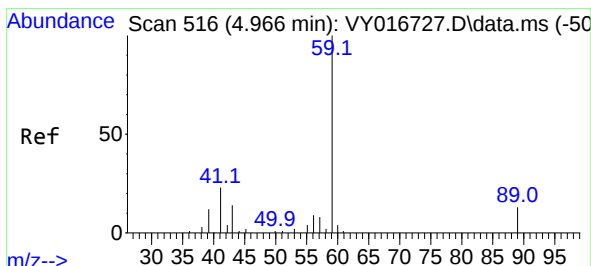
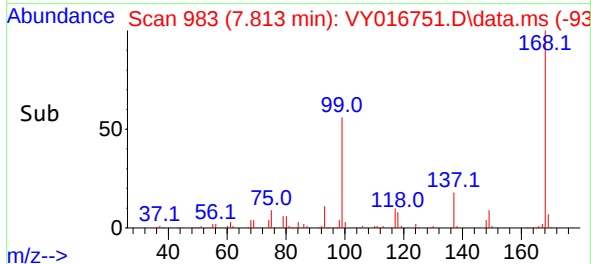
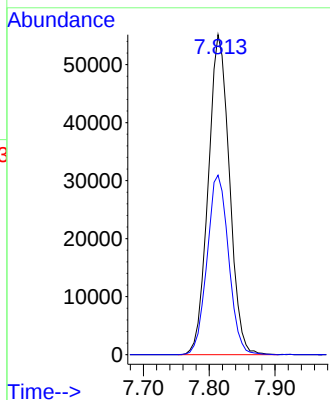


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Instrument :
MSVOA_Y
ClientSampleId :

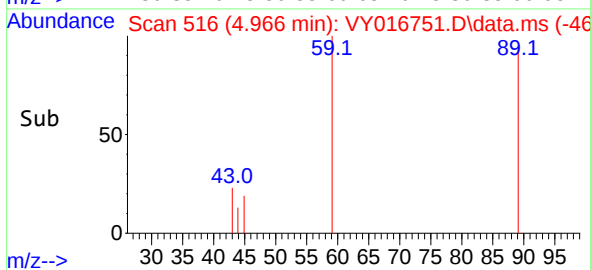
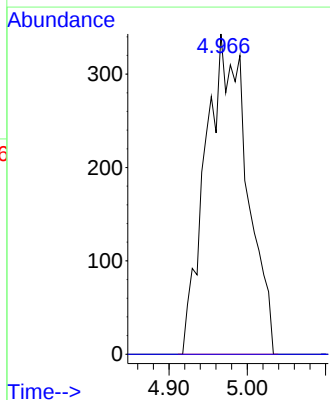
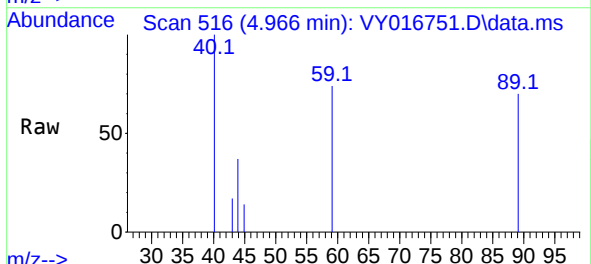


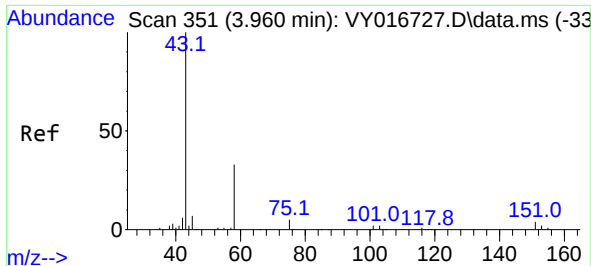
Tgt Ion:168 Resp: 123914
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 13.628 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 59 Resp: 1264
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

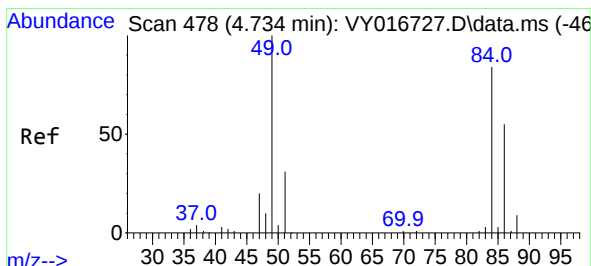
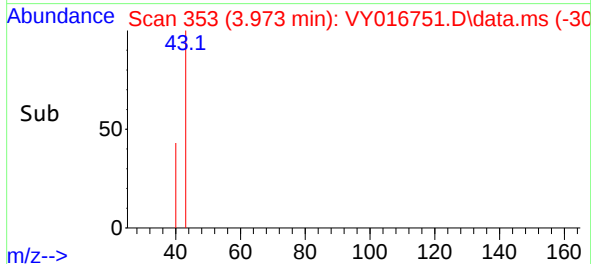
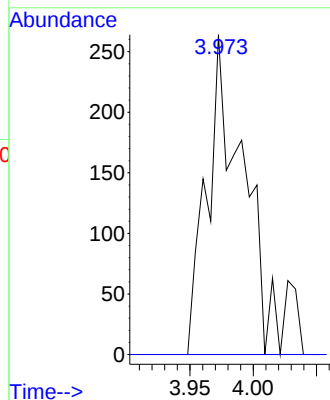
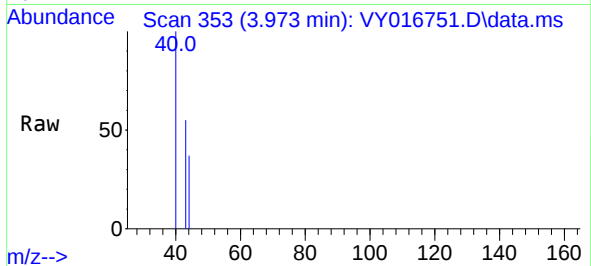




#16
Acetone
Concen: 1.710 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

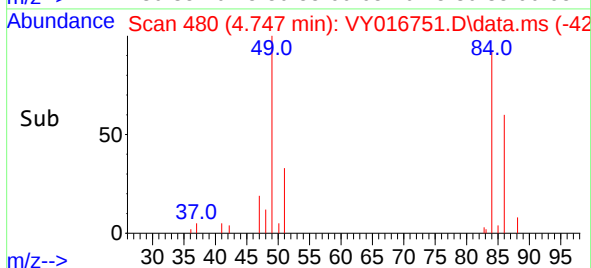
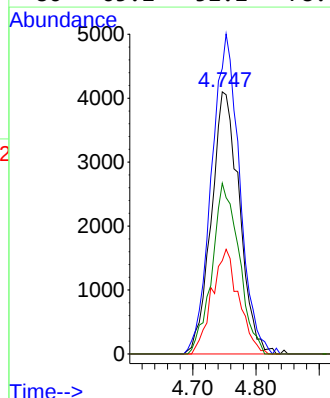
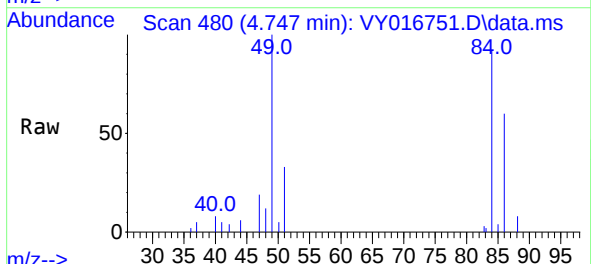
Instrument :
MSVOA_Y
ClientSampleId :

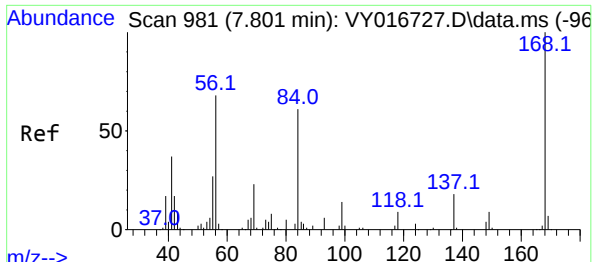
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 5.315 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

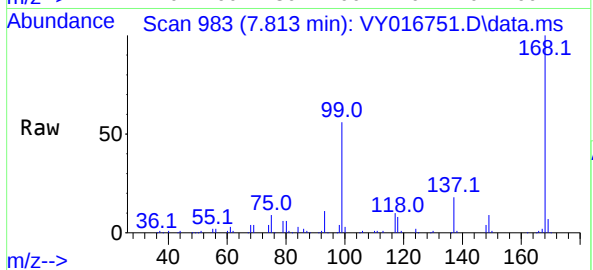
Tgt Ion: 84 Resp: 12619
Ion Ratio Lower Upper
84 100
49 108.9 95.2 142.8
51 35.6 29.9 44.9
86 65.2 52.2 78.4



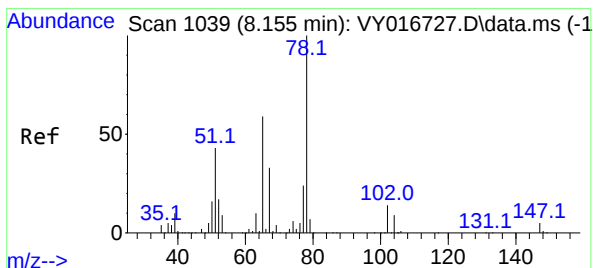
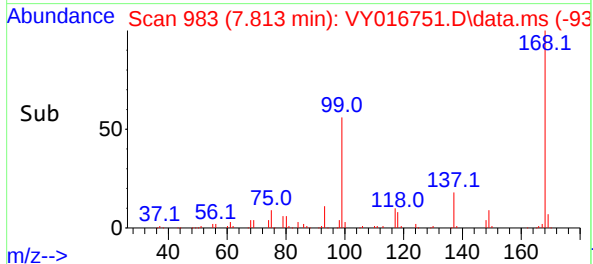
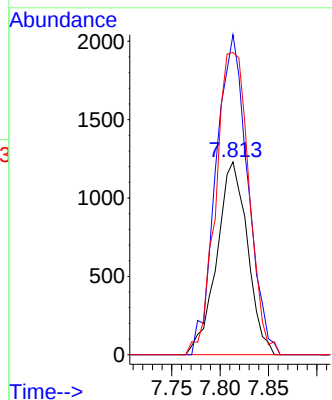


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Instrument :
MSVOA_Y
ClientSampleId :

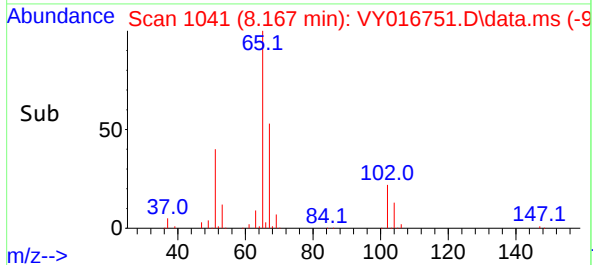
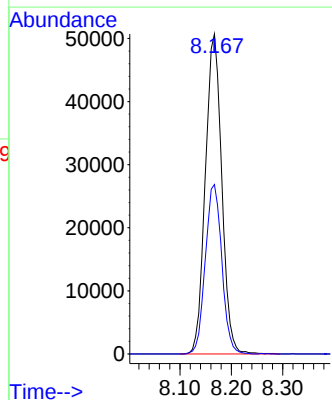
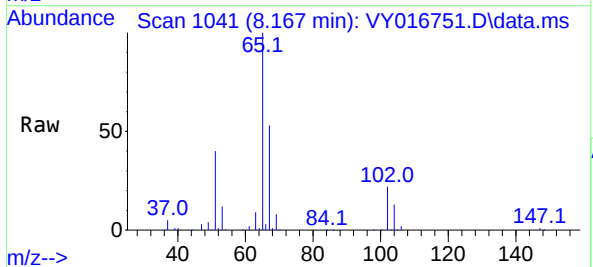


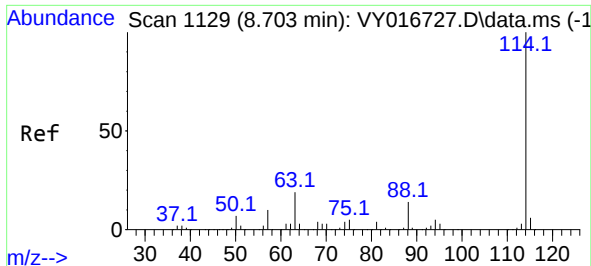
Tgt Ion: 56 Resp: 2711
Ion Ratio Lower Upper
56 100
69 166.0 27.0 40.6#
84 156.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 99.598 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 65 Resp: 112666
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

Instrument :

MSVOA_Y

ClientSampleId :

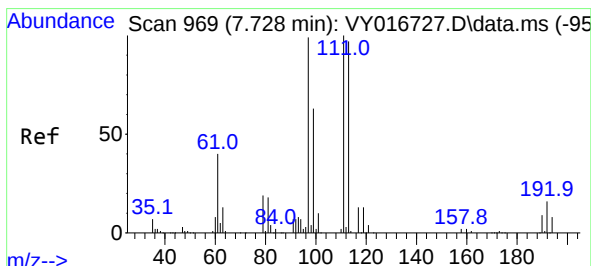
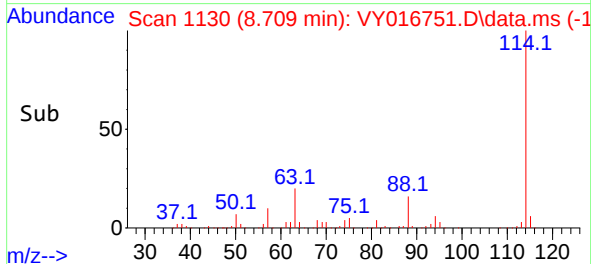
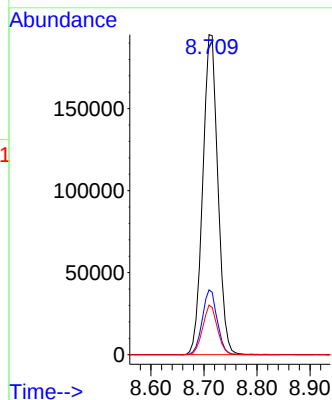
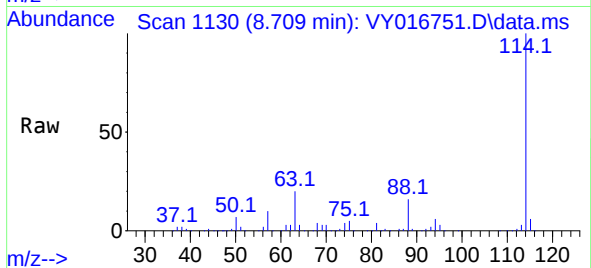
Tgt Ion:114 Resp: 385293

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 64.031 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

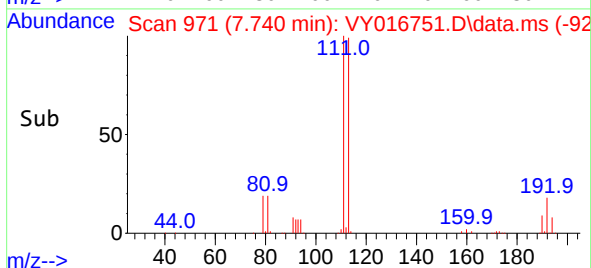
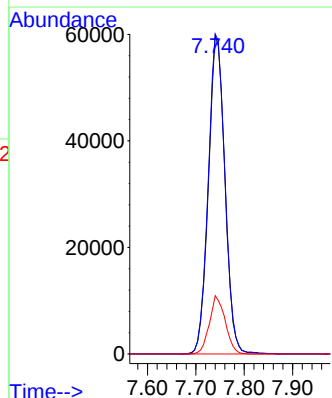
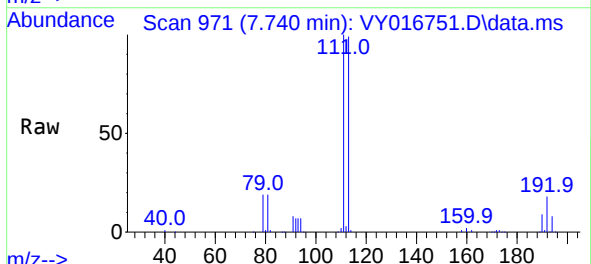
Tgt Ion:113 Resp: 141319

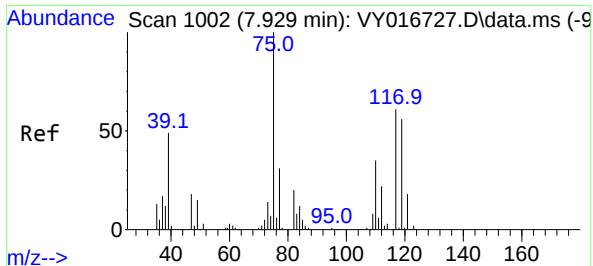
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 3.145 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

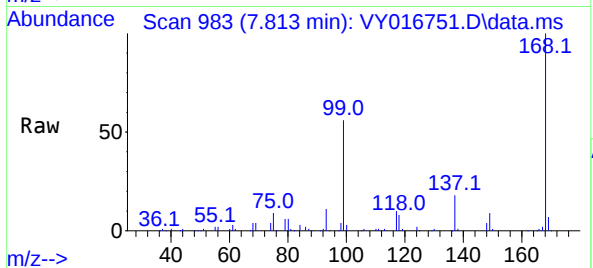
Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

Instrument :

MSVOA_Y

ClientSampleId :



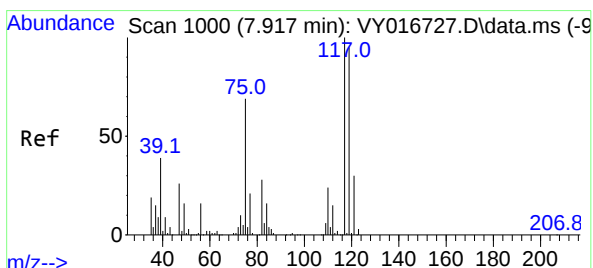
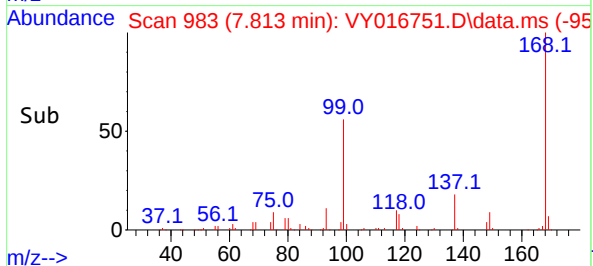
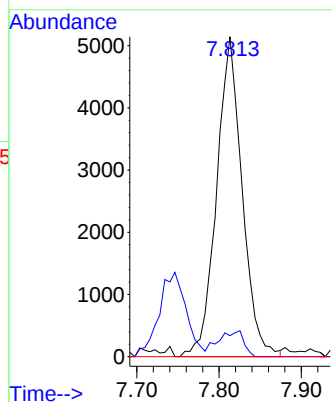
Tgt Ion: 75 Resp: 11129

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 3.693 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

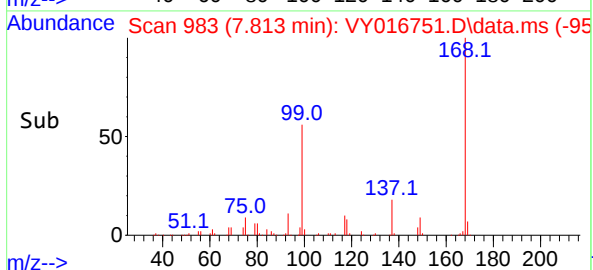
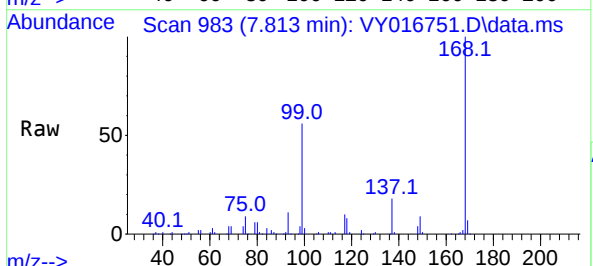
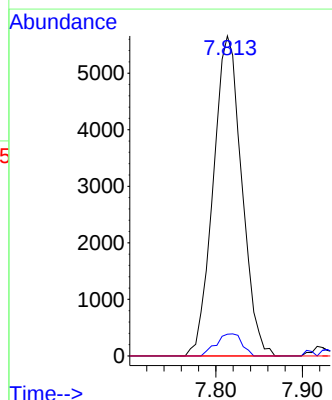
Tgt Ion: 117 Resp: 12930

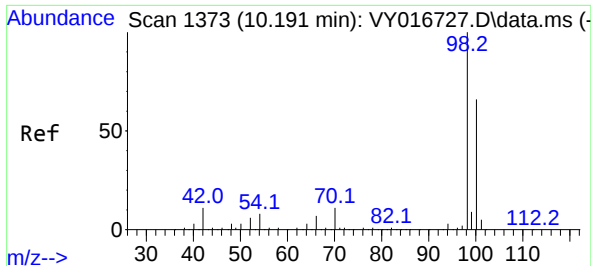
Ion Ratio Lower Upper

117 100

119 6.8 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 66.718 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

Instrument :

MSVOA_Y

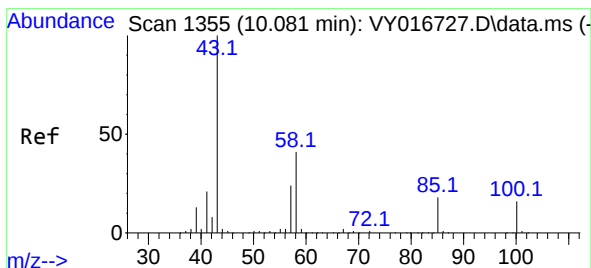
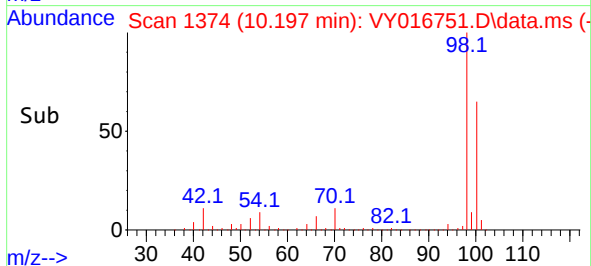
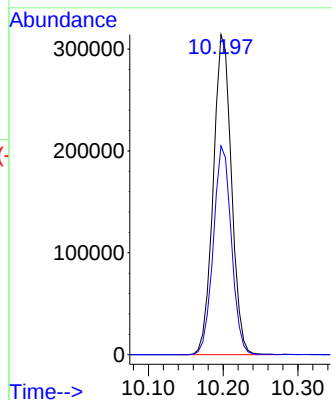
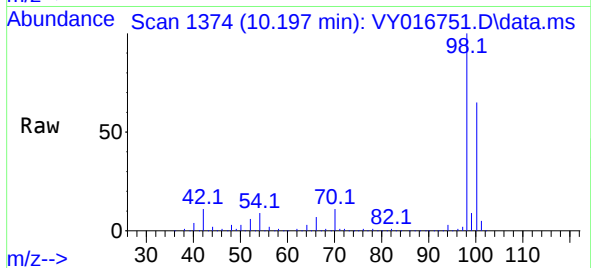
ClientSampleId :

Tgt Ion: 98 Resp: 530820

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.369 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.116 min

Lab File: VY016751.D

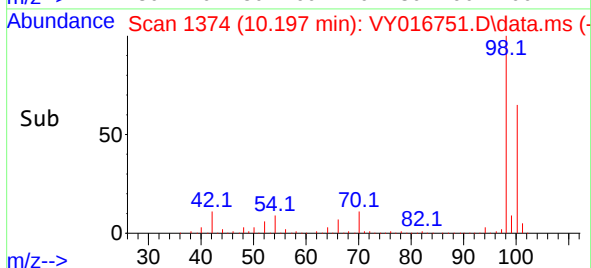
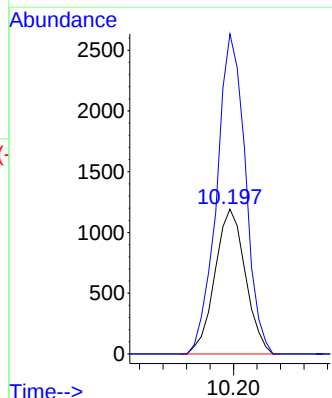
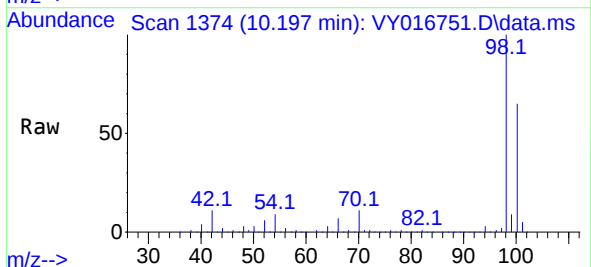
Acq: 21 Dec 2023 09:28

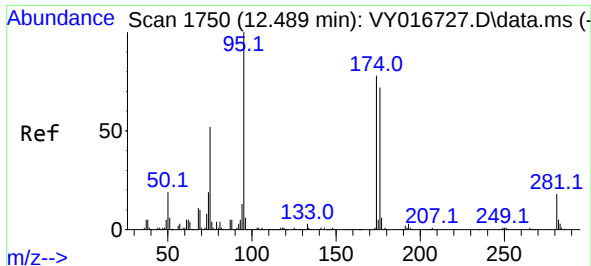
Tgt Ion: 43 Resp: 2148

Ion Ratio Lower Upper

43 100

58 207.6 32.2 48.2#

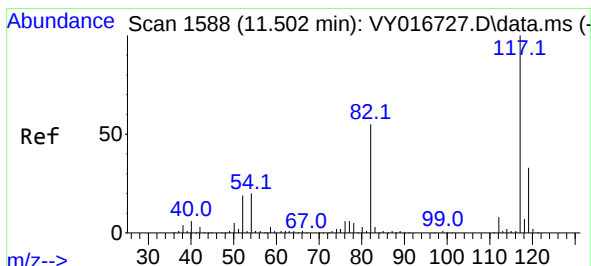
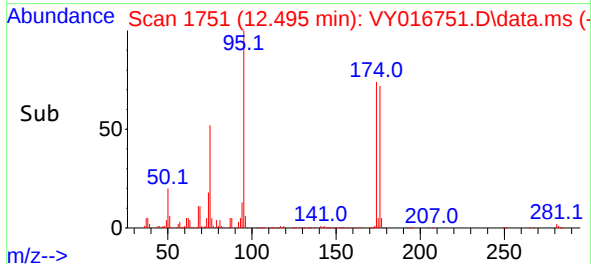
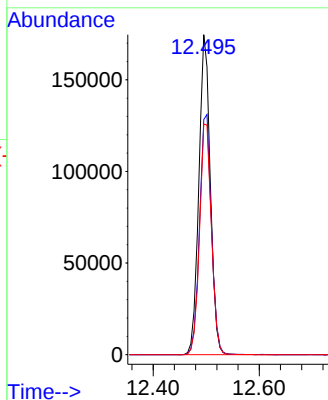
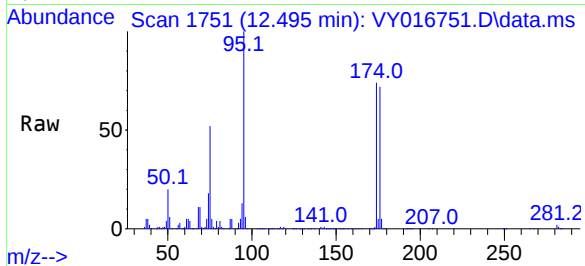




#62
4-Bromofluorobenzene
Concen: 101.415 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

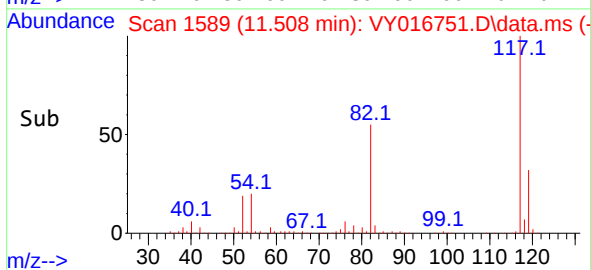
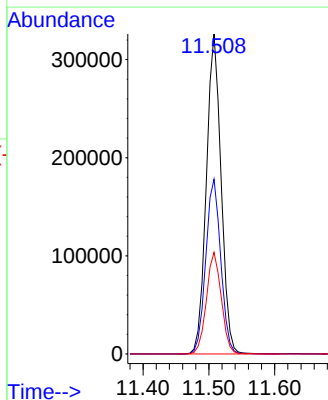
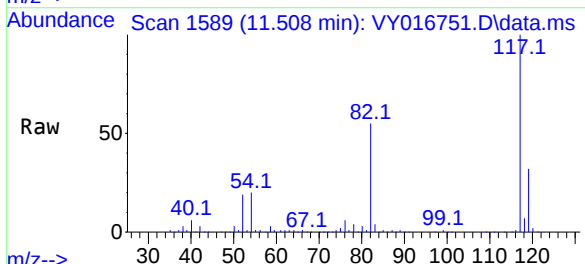
Instrument :
MSVOA_Y
ClientSampleId :

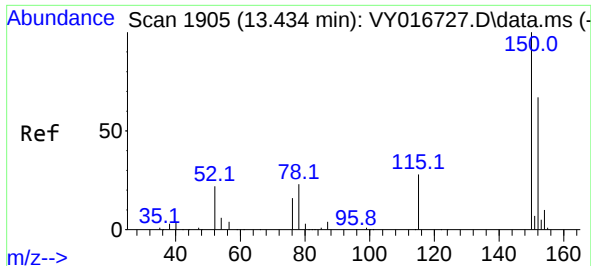
Tgt Ion: 95 Resp: 261776
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 74.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 117 Resp: 508543
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.7 26.5 39.7

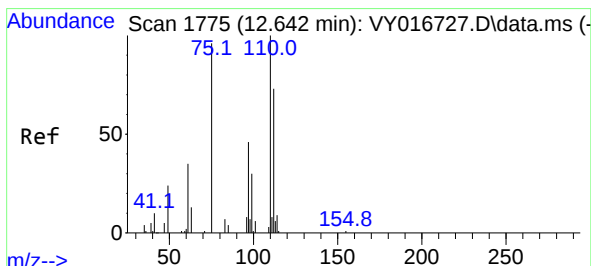
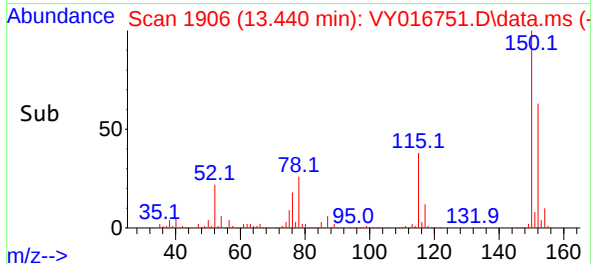
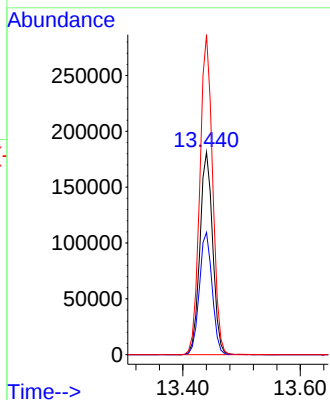
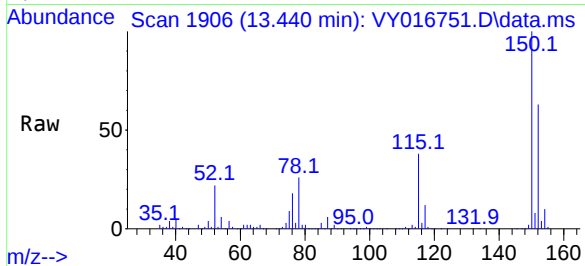




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016751.D
 Acq: 21 Dec 2023 09:28

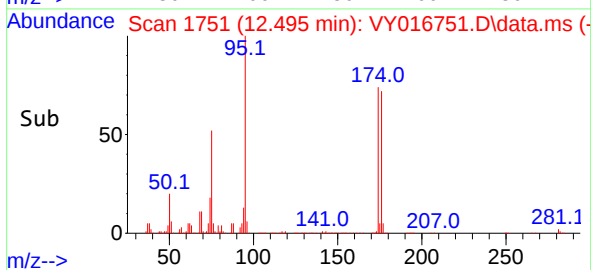
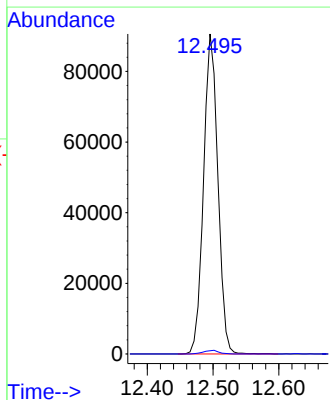
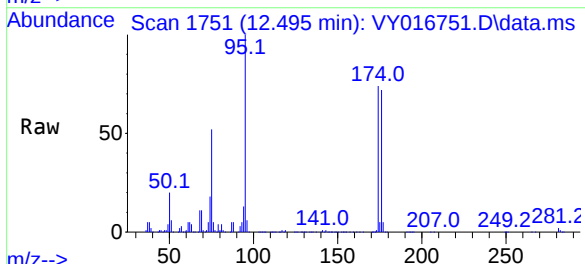
Instrument :
 MSVOA_Y
 ClientSampleId :

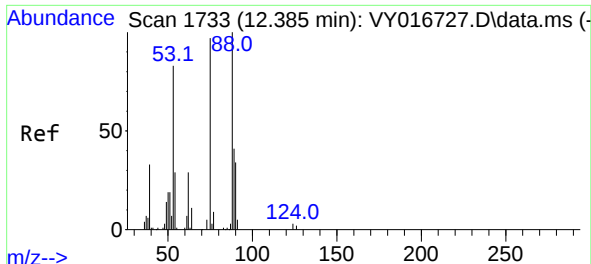
Tgt Ion:152 Resp: 274121
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.0 90.0
 150 158.1 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 45.273 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.146 min
 Lab File: VY016751.D
 Acq: 21 Dec 2023 09:28

Tgt Ion: 75 Resp: 137189
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

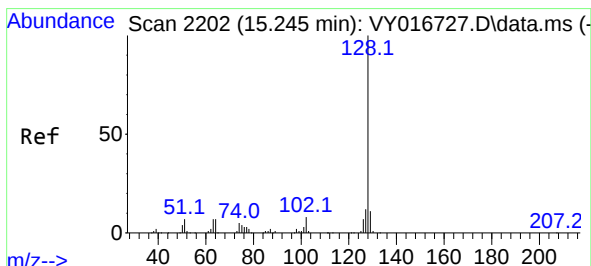
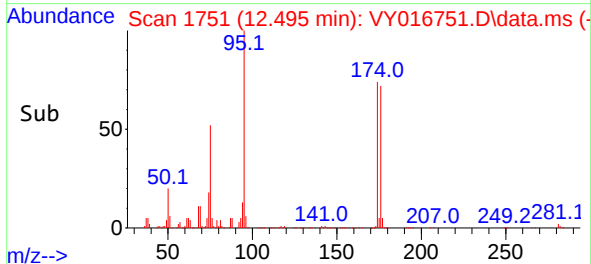
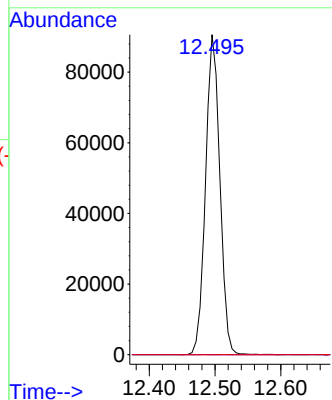
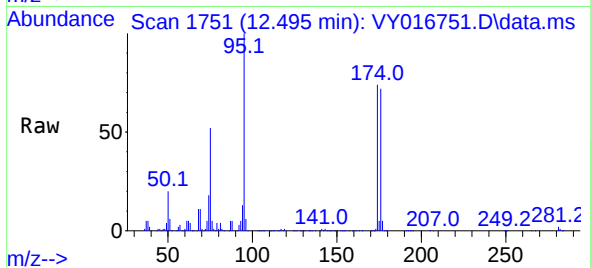




#81
trans-1,4-Dichloro-2-butene
Concen: 106.321 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 137189
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.608 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion:128 Resp: 134
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

