

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006494.D
 Acq On : 26 Oct 2021 20:20
 Operator : SY/MD
 Sample : M4340-10
 Misc : 4.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85976	63.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.300%
35) Dibromofluoromethane	7.728	113	56632	55.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.185	98	239807	55.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.483	95	73215	49.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%

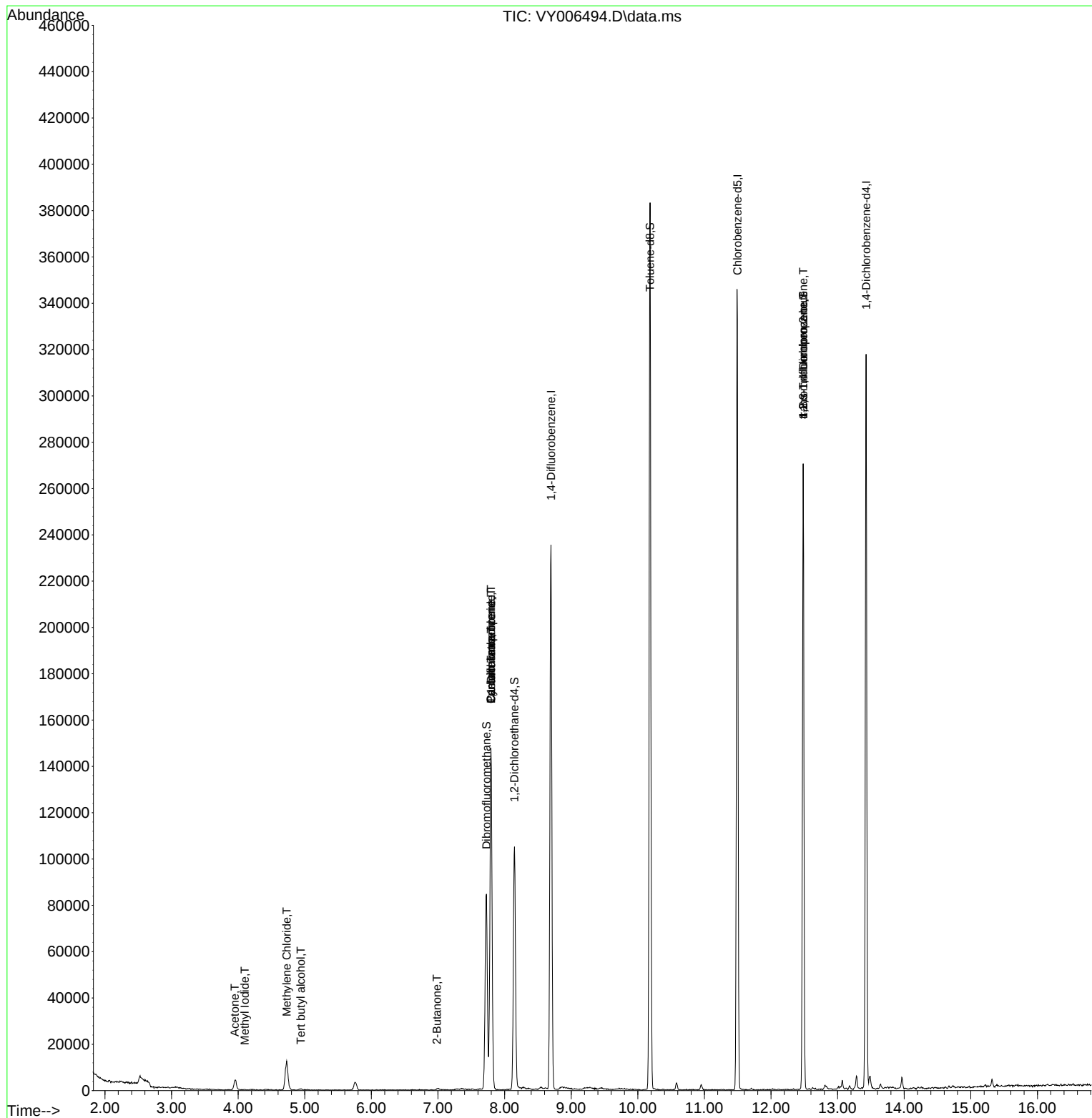
Target Compounds					Qvalue	
10) Methyl Iodide	4.100	142	223	5.245	ug/l #	45
11) Tert butyl alcohol	4.942	59	559	4.555	ug/l #	72
16) Acetone	3.948	43	7839	20.154	ug/l	94
20) Methylene Chloride	4.728	84	7949	2.779	ug/l #	86
25) 2-Butanone	6.984	43	852	1.672	ug/l #	52
31) Cyclohexane	7.795	56	2843	1.300	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	9350	5.129	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10877	5.408	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	43673	57.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43673	118.323	ug/l #	7

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

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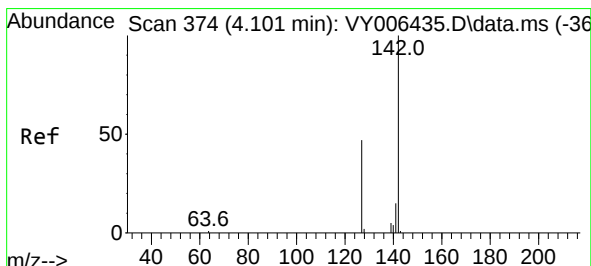
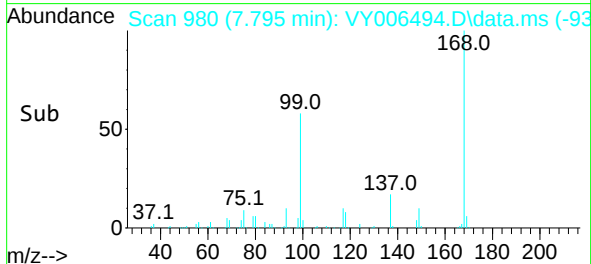
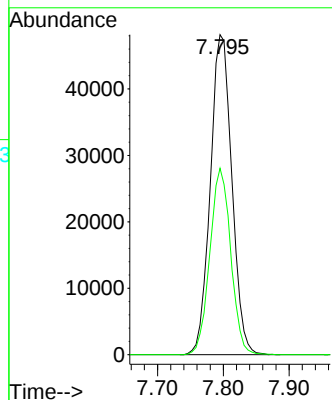
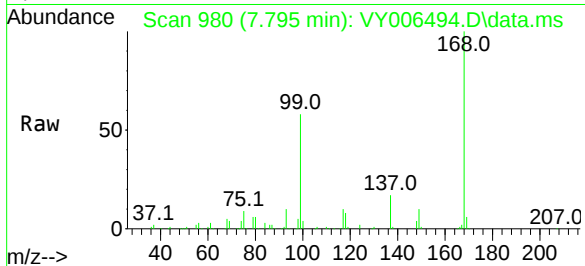




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

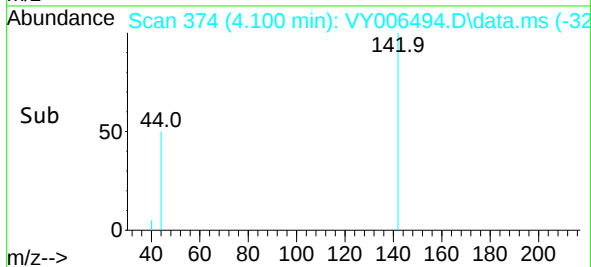
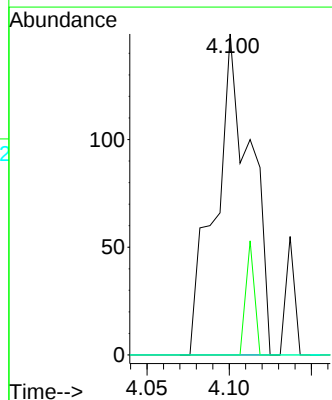
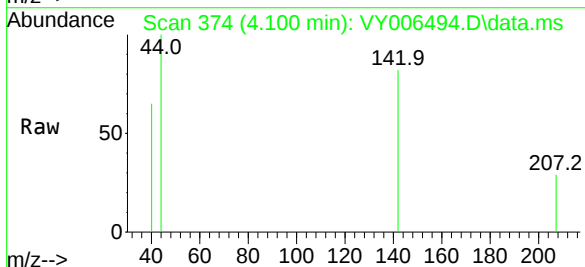
Instrument :
MSVOA_Y
ClientSampleId :

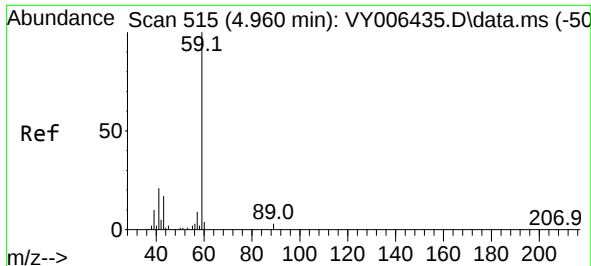
Tgt Ion:168 Resp: 109770
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#10
Methyl Iodide
Concen: 5.245 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 8.5 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 4.555 ug/l

RT: 4.942 min Scan# 515

Delta R.T. -0.018 min

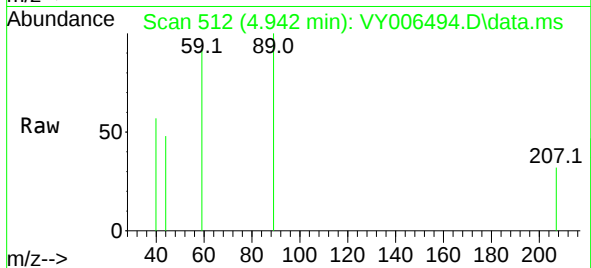
Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

Instrument :

MSVOA_Y

ClientSampleId :

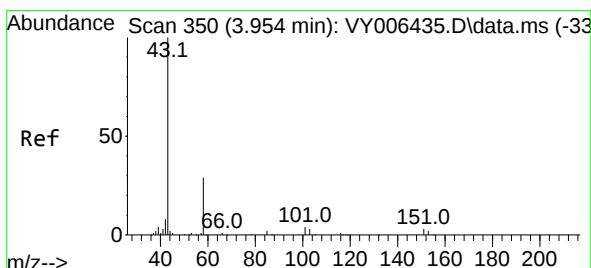
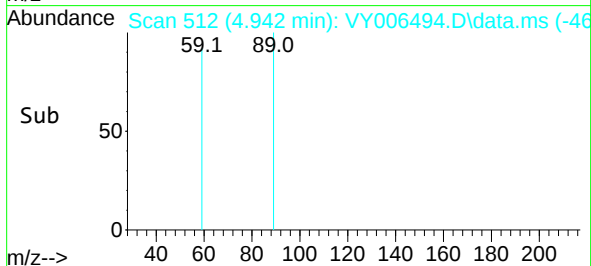
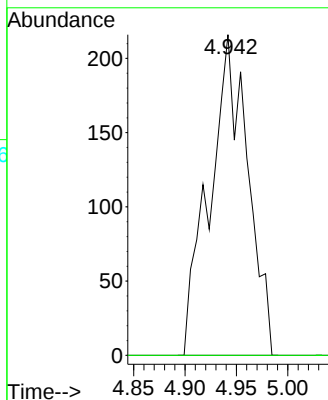


Tgt Ion: 59 Resp: 559

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 20.154 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006494.D

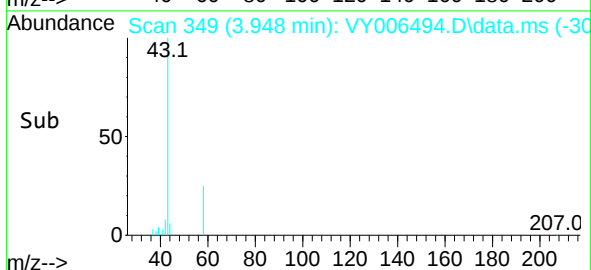
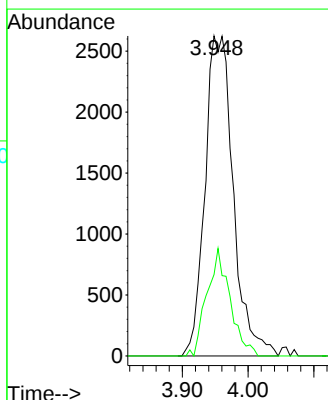
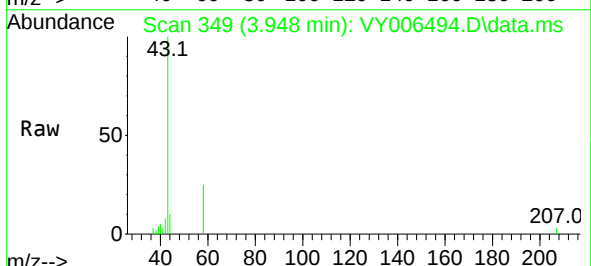
Acq: 26 Oct 2021 20:20

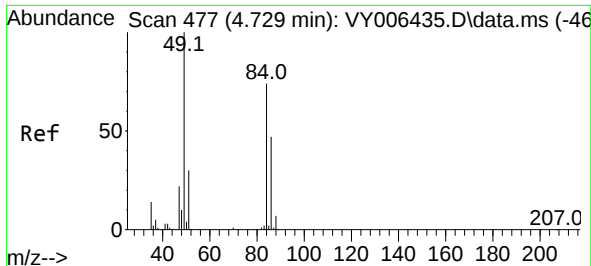
Tgt Ion: 43 Resp: 7839

Ion Ratio Lower Upper

43 100

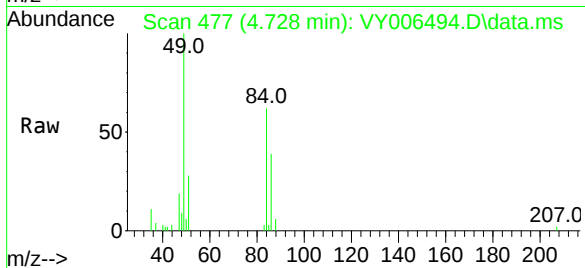
58 25.4 22.9 34.3



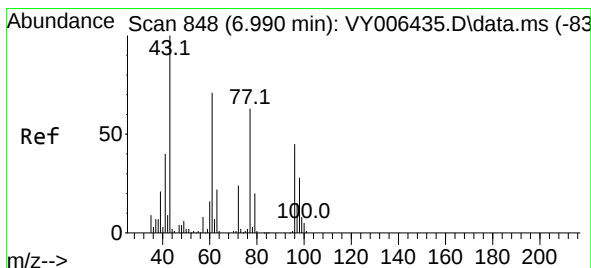
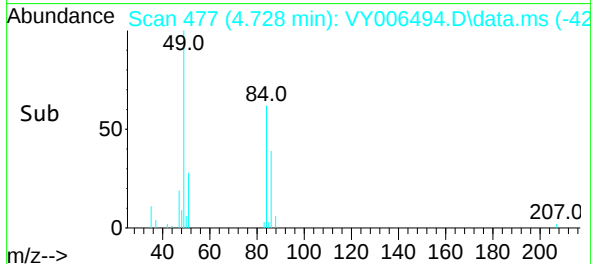
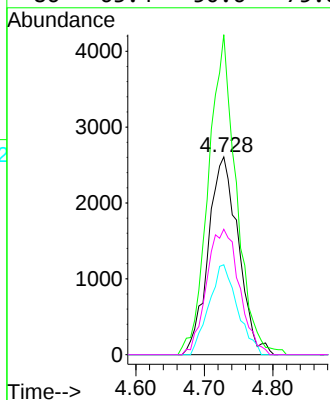


#20
Methylene Chloride
Concen: 2.779 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Instrument :
MSVOA_Y
ClientSampleId :

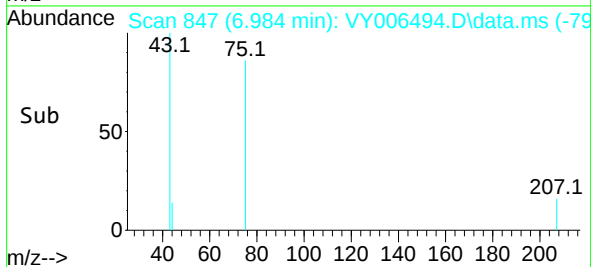
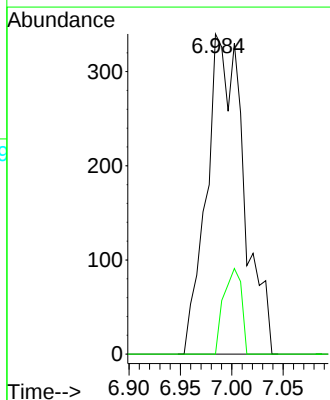
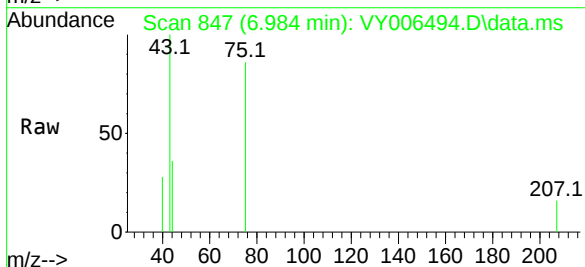


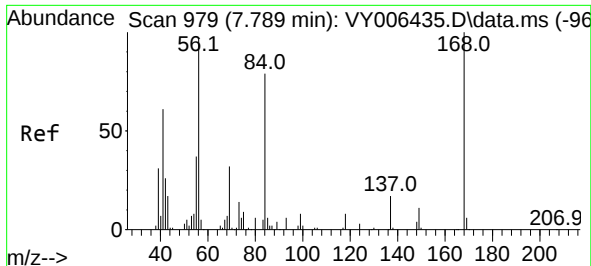
Tgt Ion: 84 Resp: 7949
Ion Ratio Lower Upper
84 100
49 161.8 107.8 161.8#
51 45.4 32.8 49.2
86 63.4 50.6 75.8



#25
2-Butanone
Concen: 1.672 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

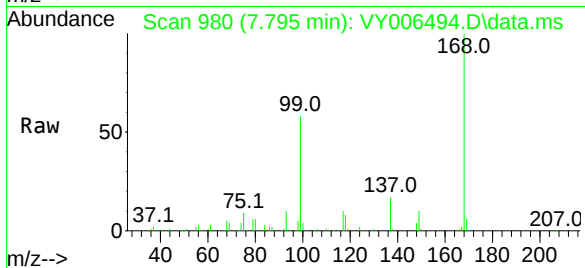
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



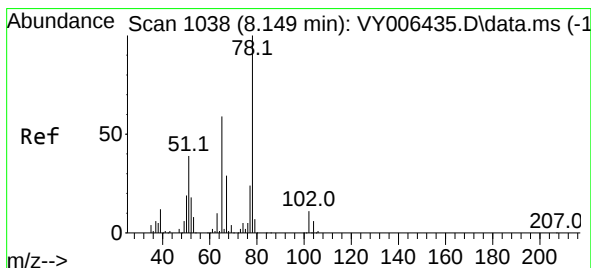
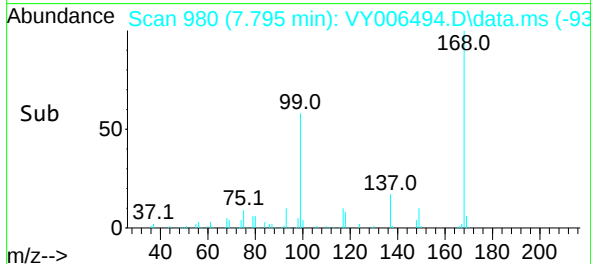
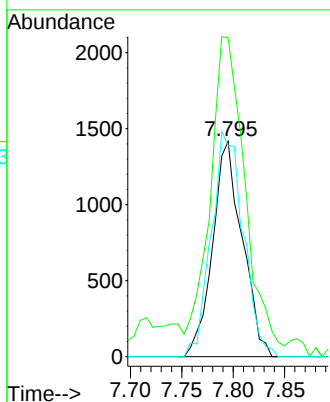


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Instrument :
MSVOA_Y
ClientSampleId :

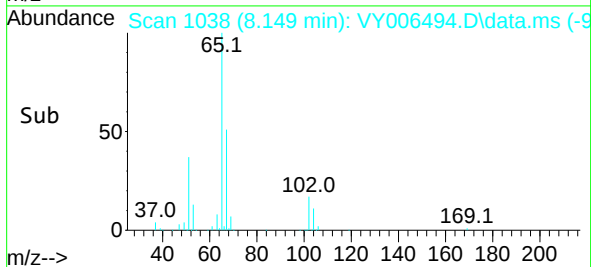
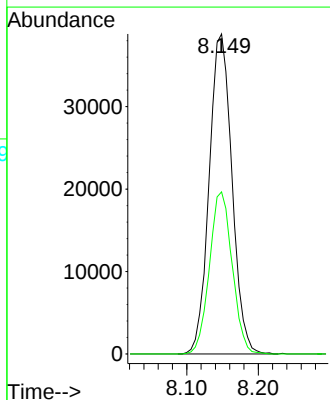
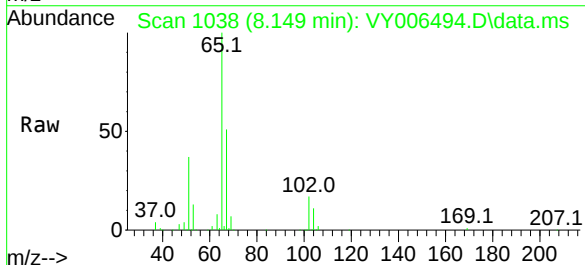


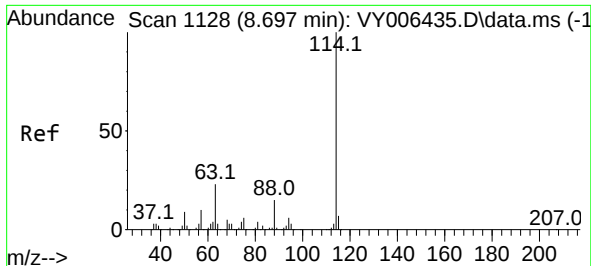
Tgt Ion: 56 Resp: 2843
Ion Ratio Lower Upper
56 100
69 141.3 26.6 40.0#
84 98.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 63.649 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 65 Resp: 85976
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.2

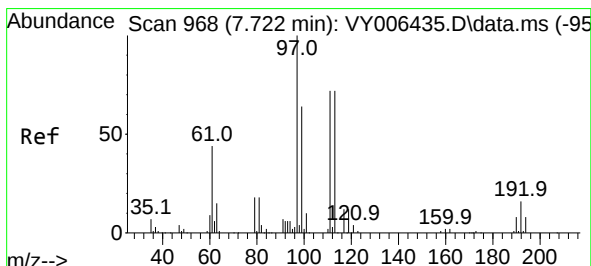
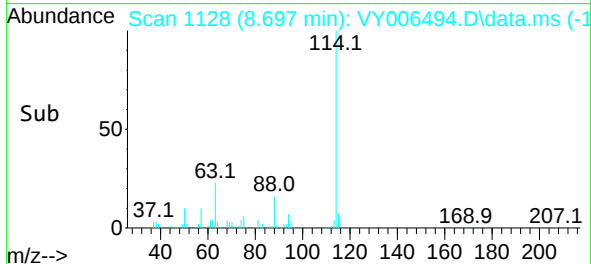
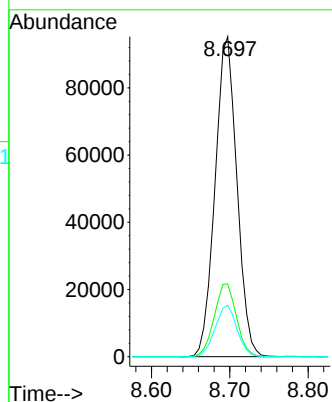
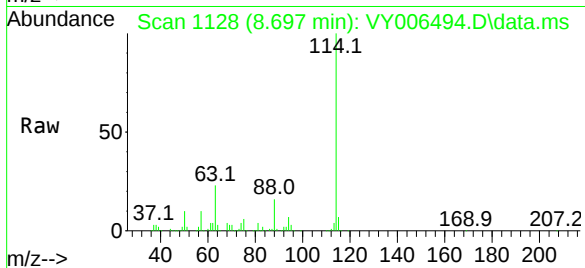




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

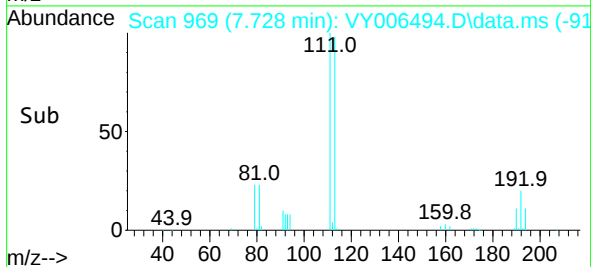
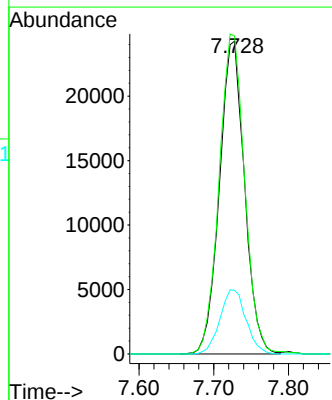
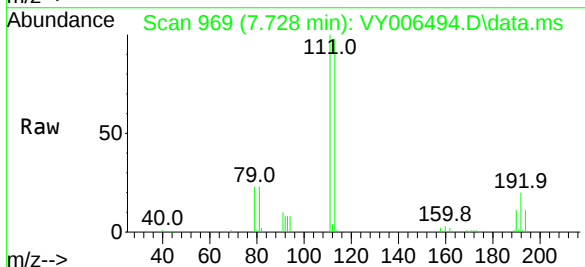
Instrument :
MSVOA_Y
ClientSampleId :

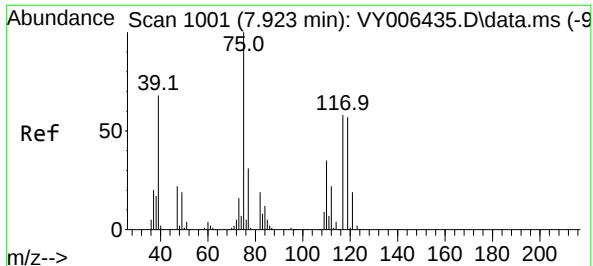
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	16.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 55.067 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.3	123.5
192	21.3	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.129 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

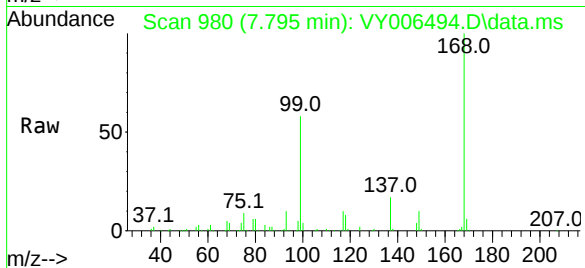
Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

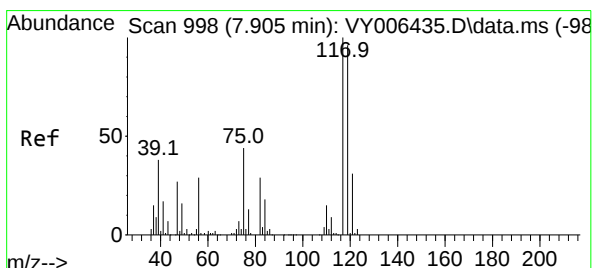
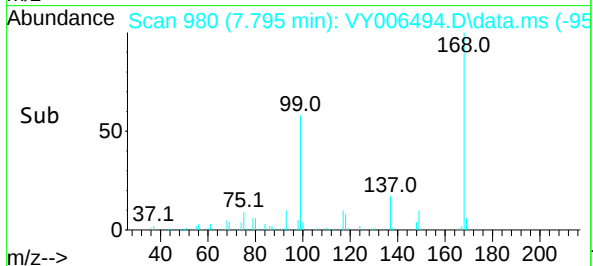
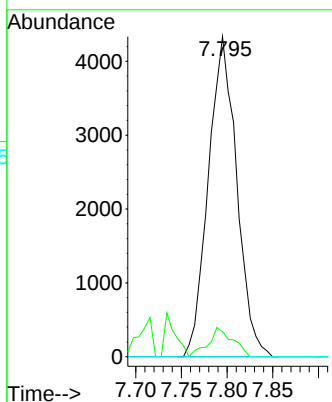
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9350
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

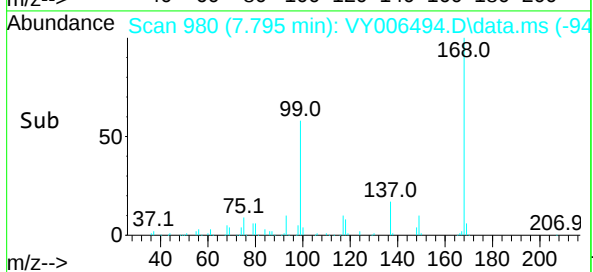
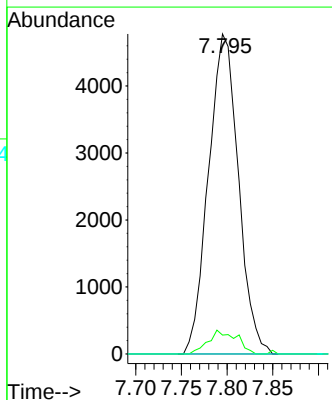
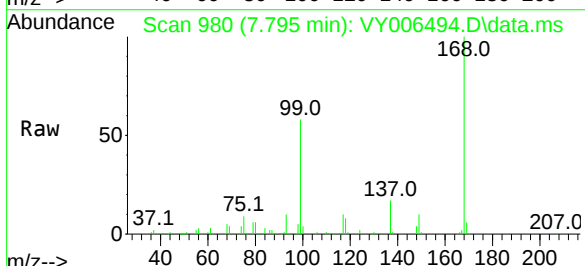
RT: 7.795 min Scan# 980

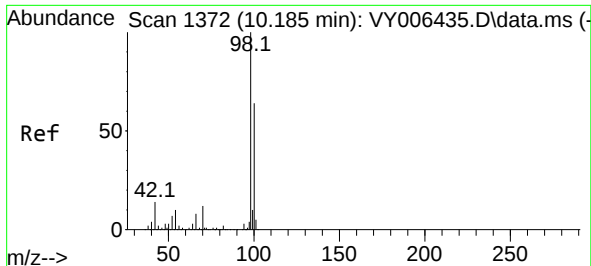
Delta R.T. -0.110 min

Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

Tgt Ion:	117	Resp:	10877
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	24.7	37.1#

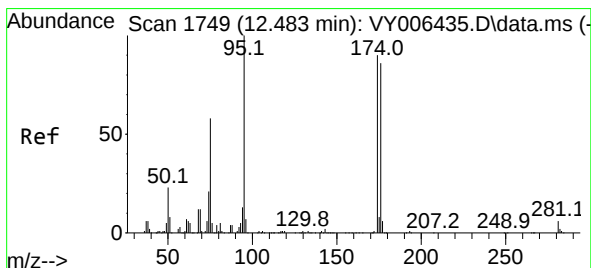
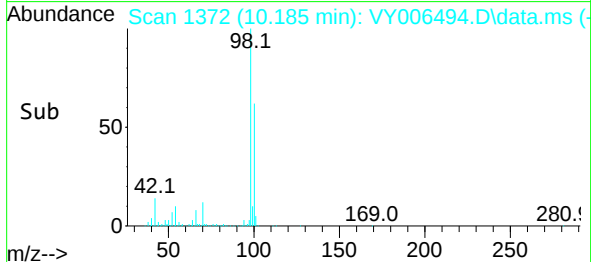
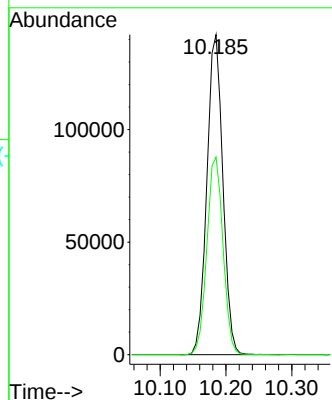
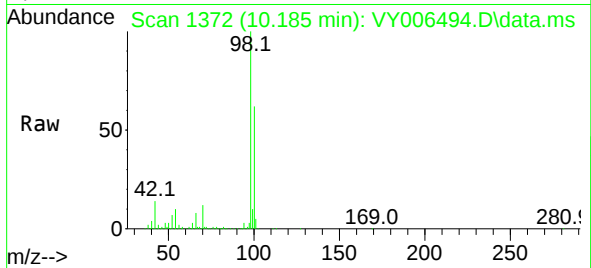




#50
Toluene-d8
Concen: 55.007 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

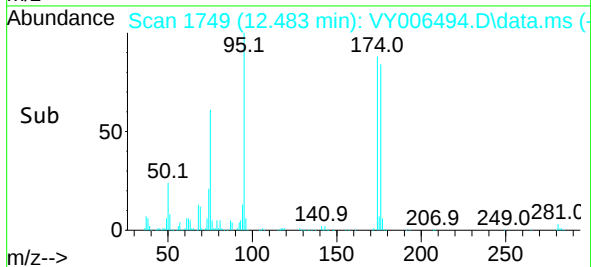
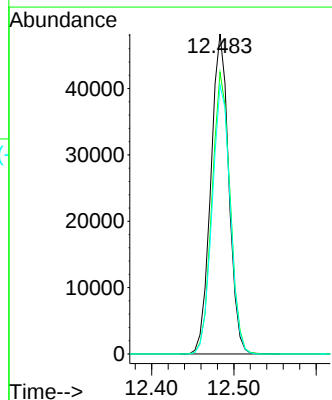
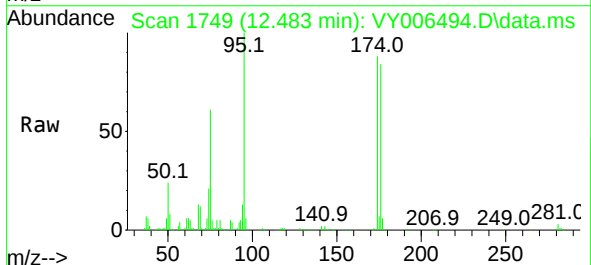
Instrument :
MSVOA_Y
ClientSampleId :

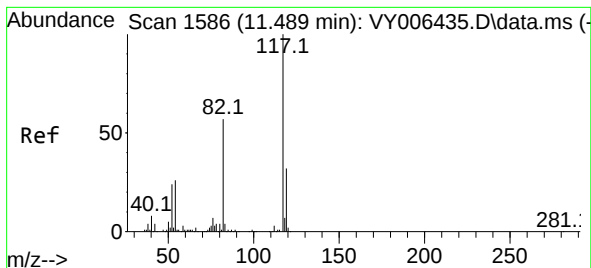
Tgt Ion: 98 Resp: 239807
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 95 Resp: 73215
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 84.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

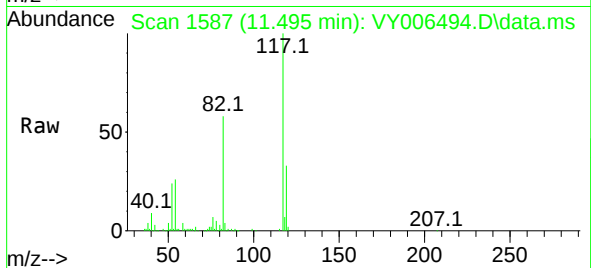
Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

Instrument :

MSVOA_Y

ClientSampleId :



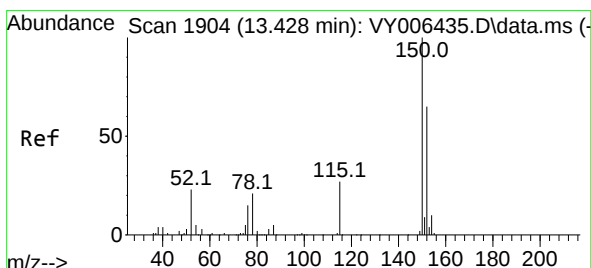
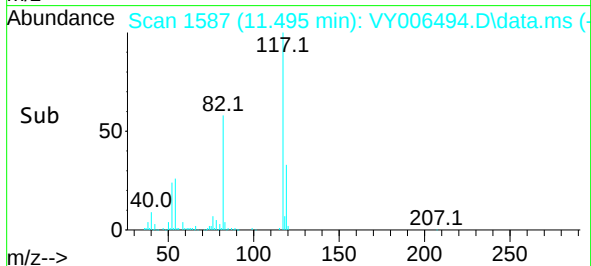
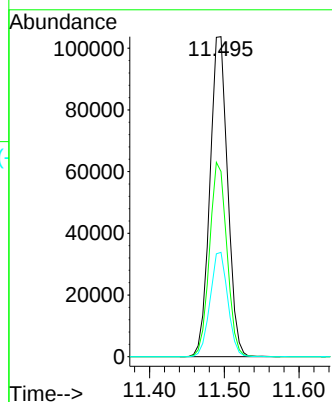
Tgt Ion:117 Resp: 170900

Ion Ratio Lower Upper

117 100

82 57.9 45.7 68.5

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

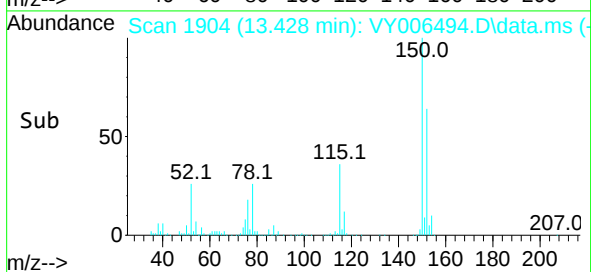
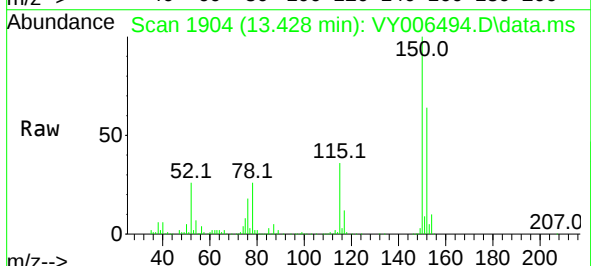
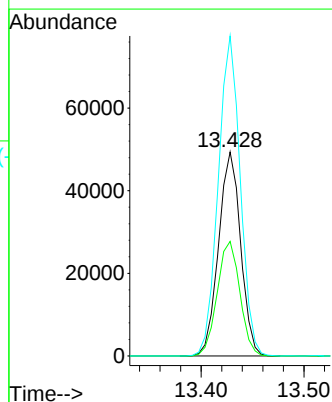
Tgt Ion:152 Resp: 73534

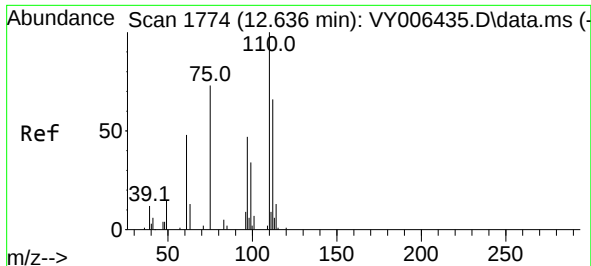
Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 156.4 0.0 348.2

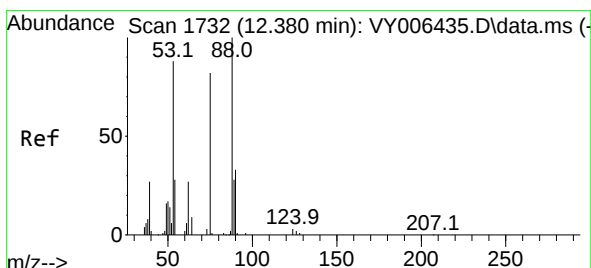
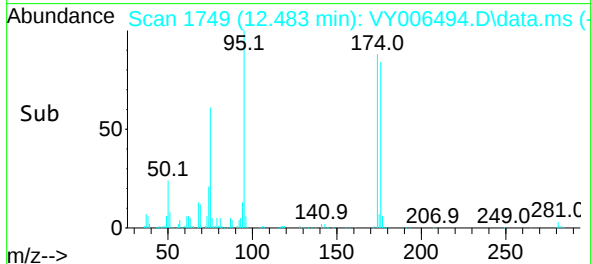
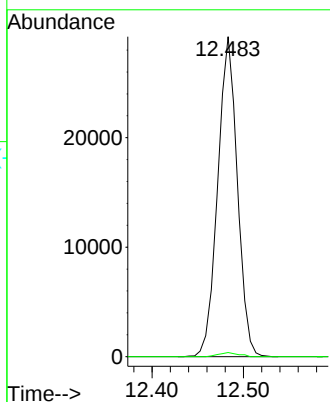
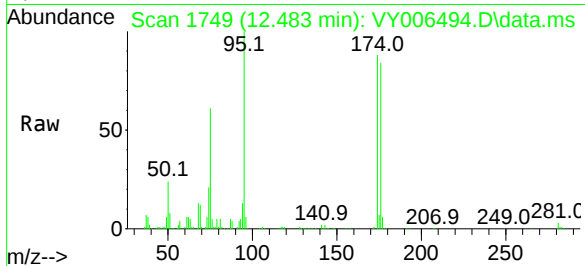




#76
1,2,3-Trichloropropane
Concen: 57.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43673
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.323 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 75 Resp: 43673
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.1 39.3 58.9#

