

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005456.D
 Acq On : 26 Jul 2021 19:41
 Operator : SY/MD
 Sample : M3159-10
 Misc : 3.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	41475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	65099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	56127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	20591	46.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.722	113	17804	47.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.185	98	78599	49.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.483	95	22632	43.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%

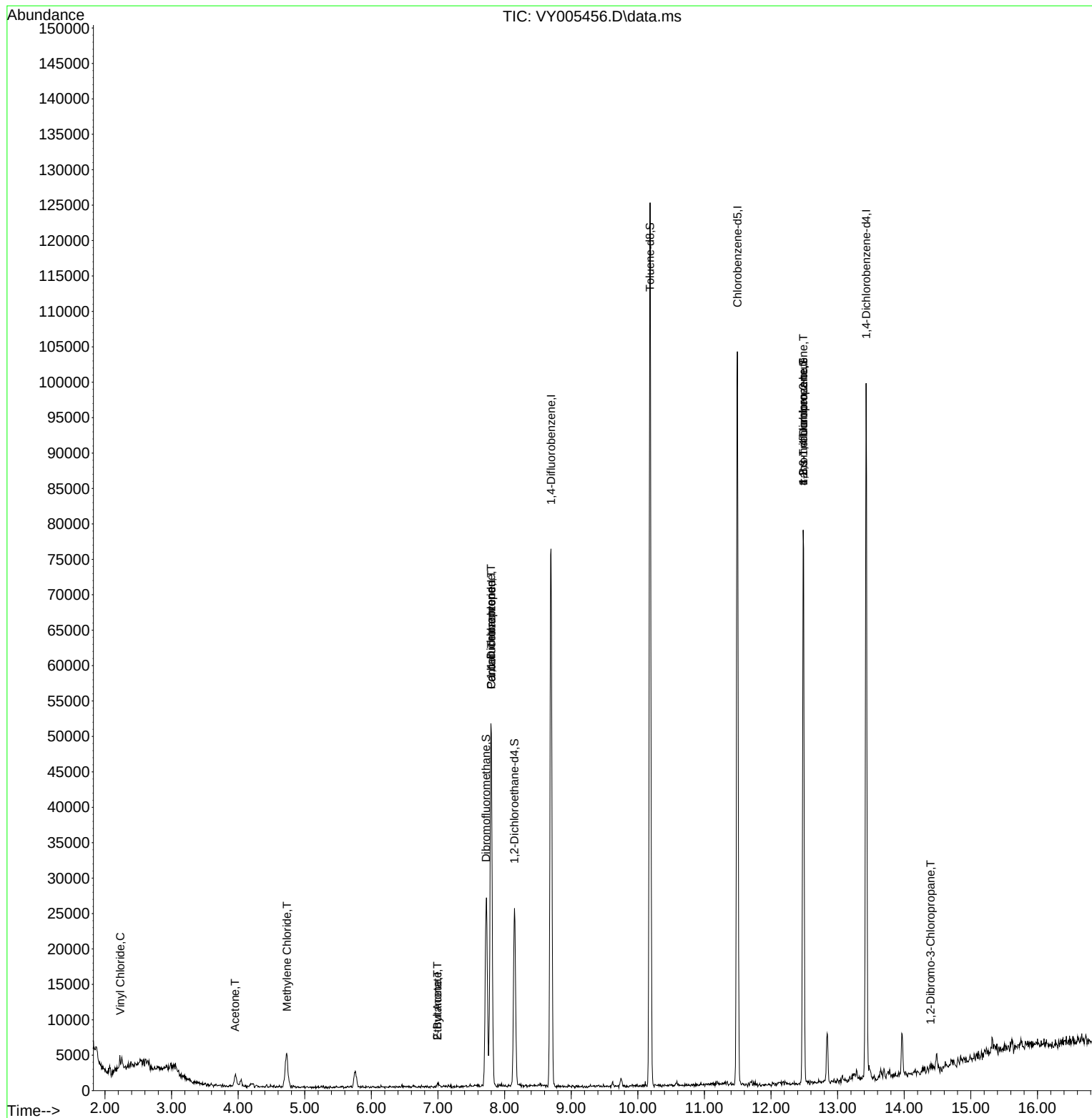
Target Compounds					Qvalue	
4) Vinyl Chloride	2.229	62	697	1.272	ug/l #	43
16) Acetone	3.954	43	2912	28.778	ug/l	98
20) Methylene Chloride	4.734	84	3471	4.883	ug/l	97
25) 2-Butanone	6.990	43	688	4.540	ug/l	99
36) 1,1-Dichloropropene	7.795	75	2801	4.450	ug/l #	49
37) Ethyl Acetate	6.990	43	688	1.796	ug/l #	70
38) Carbon Tetrachloride	7.801	117	3707	5.389	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12338	49.530	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12338	96.172	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.397	75	109	1.686	ug/l #	1

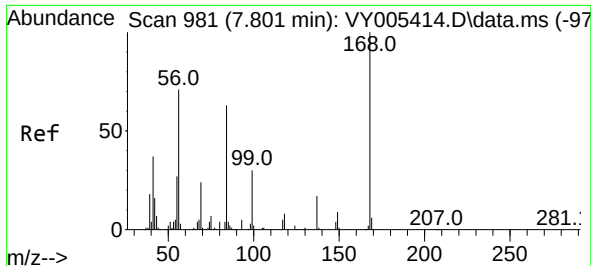
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
Data File : VY005456.D
Acq On : 26 Jul 2021 19:41
Operator : SY/MD
Sample : M3159-10
Misc : 3.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 27 03:13:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

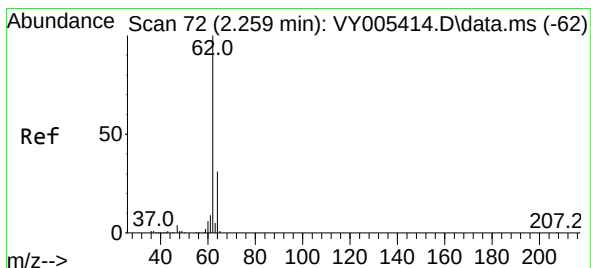
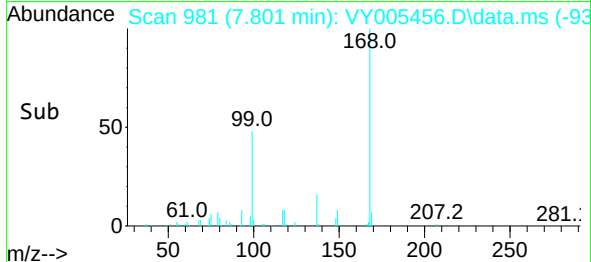
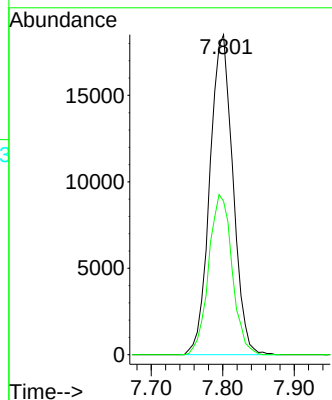
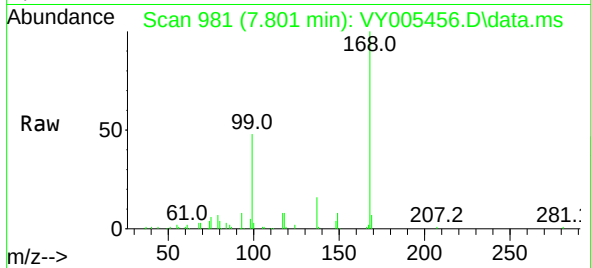




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

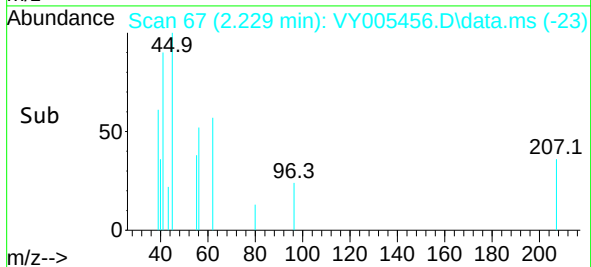
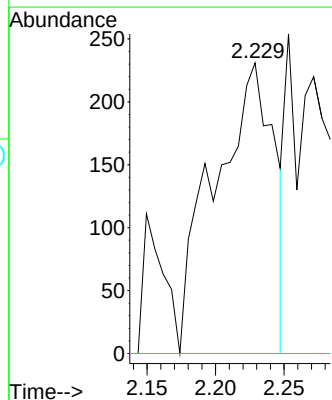
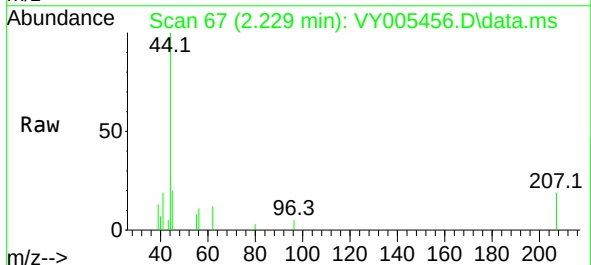
Instrument :
MSVOA_Y
ClientSampleId :

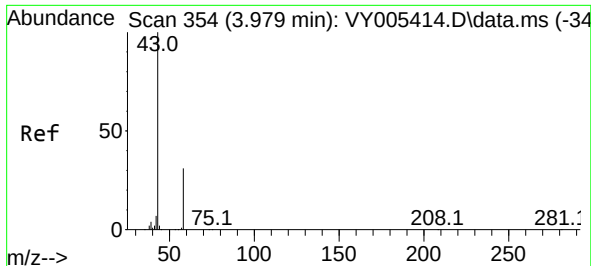
Tgt Ion:168 Resp: 41475
Ion Ratio Lower Upper
168 100
99 48.0 39.8 59.6



#4
Vinyl Chloride
Concen: 1.272 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.031 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

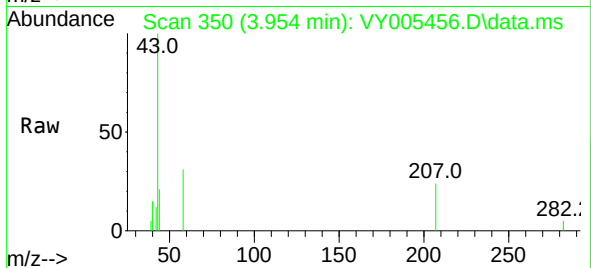
Tgt Ion: 62 Resp: 697
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



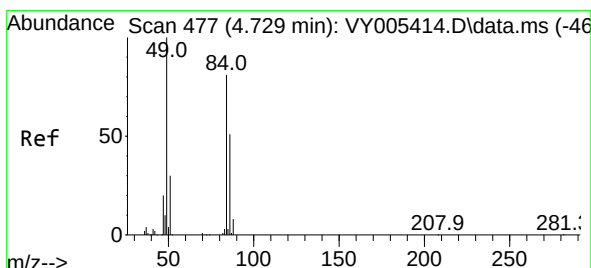
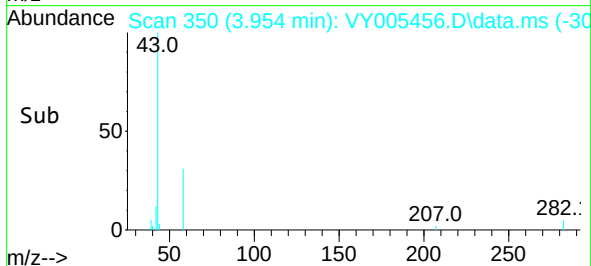
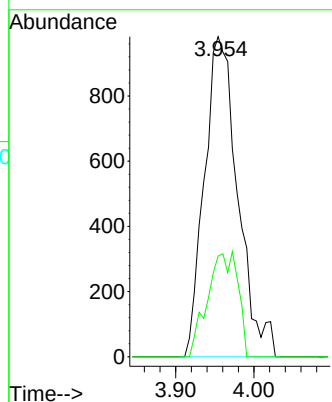


#16
Acetone
Concen: 28.778 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.025 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Instrument :
MSVOA_Y
ClientSampled :

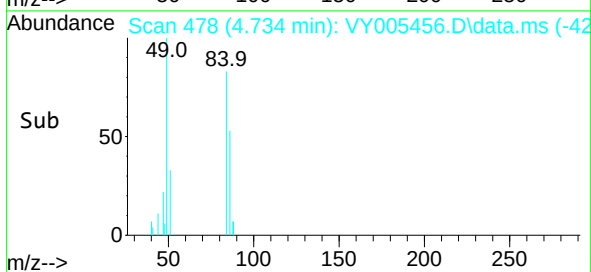
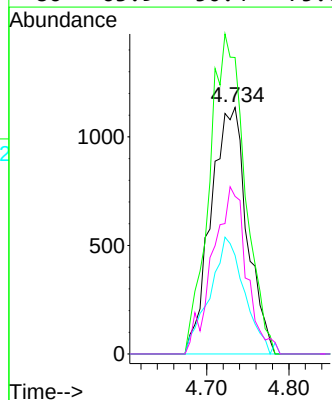
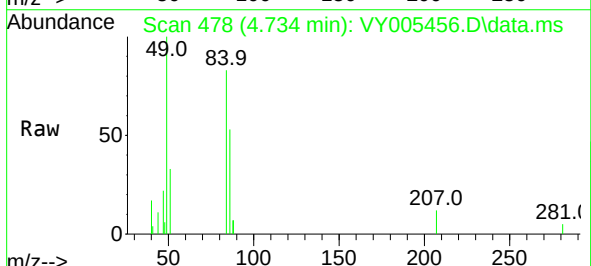


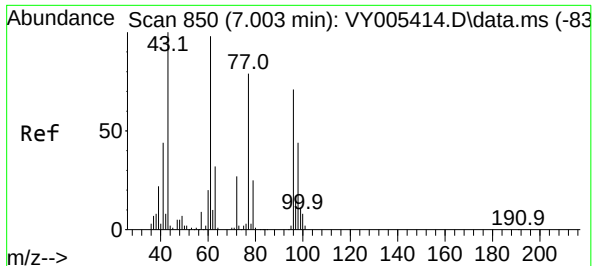
Tgt Ion: 43 Resp: 2912
Ion Ratio Lower Upper
43 100
58 31.5 24.5 36.7



#20
Methylene Chloride
Concen: 4.883 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion: 84 Resp: 3471
Ion Ratio Lower Upper
84 100
49 120.2 98.9 148.3
51 40.0 30.0 45.0
86 63.9 50.4 75.6





#25

2-Butanone

Concen: 4.540 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY005456.D

Acq: 26 Jul 2021 19:41

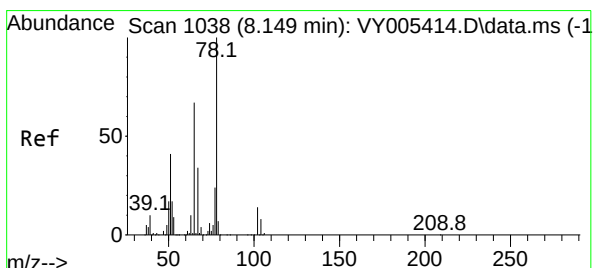
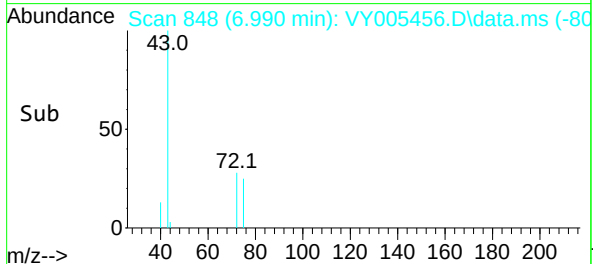
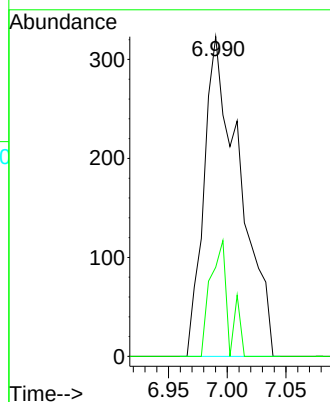
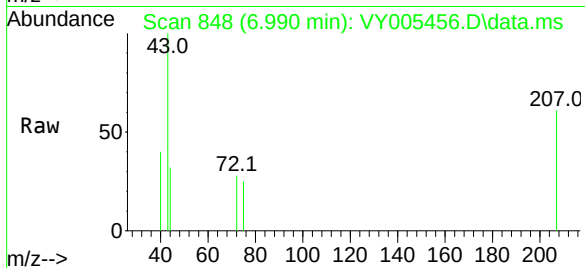
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

72 27.9 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 46.471 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005456.D

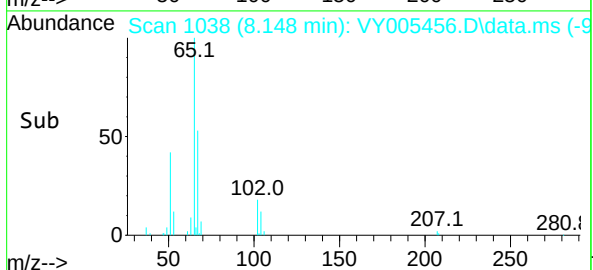
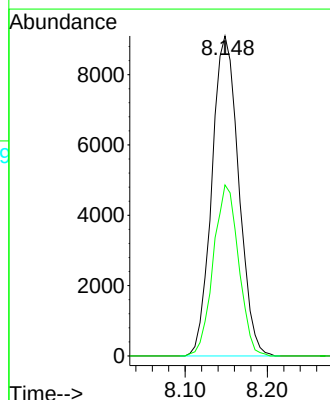
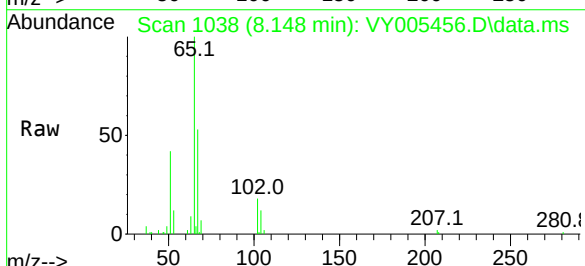
Acq: 26 Jul 2021 19:41

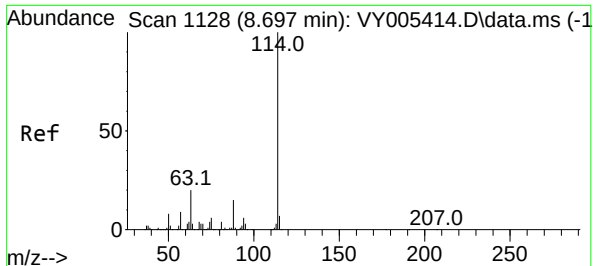
Tgt Ion: 65 Resp: 20591

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2

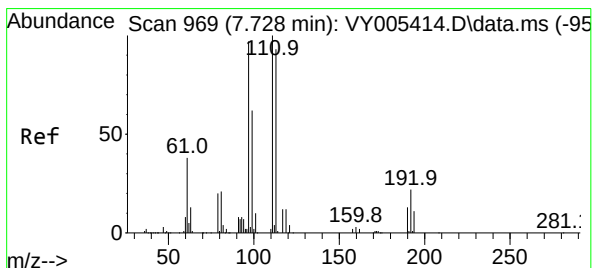
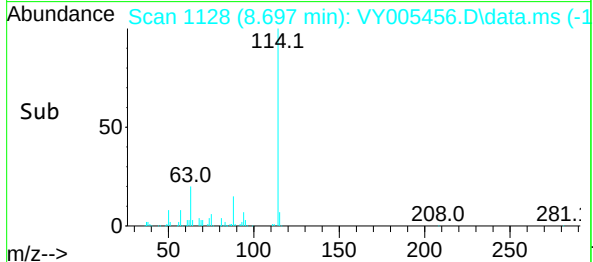
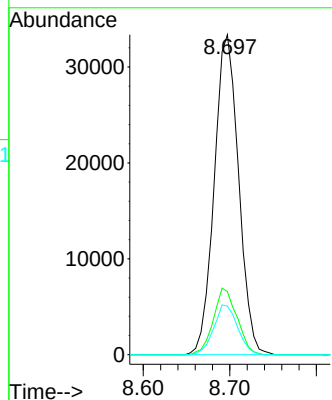
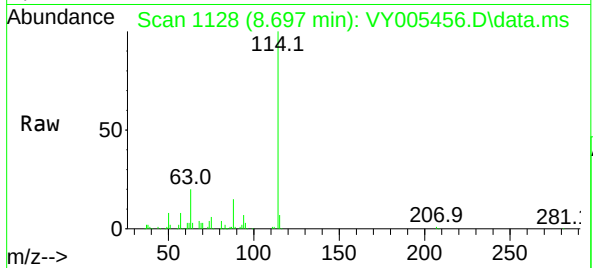




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

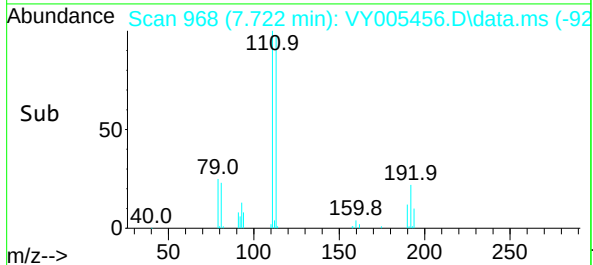
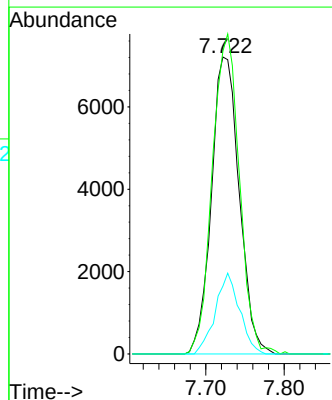
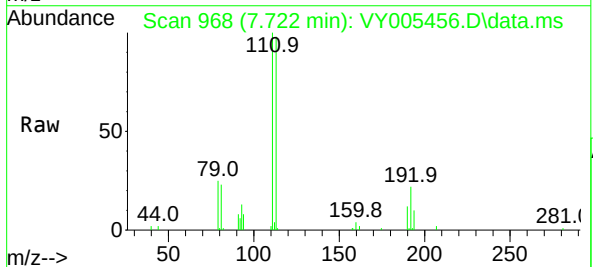
Instrument :
MSVOA_Y
ClientSampleId :

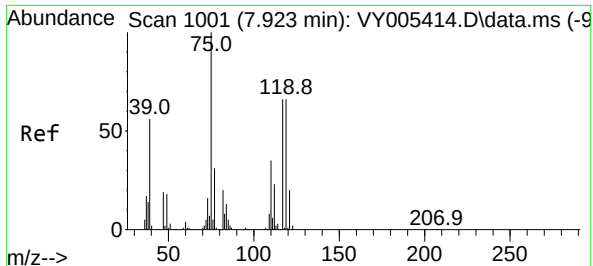
Tgt Ion:	114	Resp:	65099
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 47.365 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion:	113	Resp:	17804
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	23.7	18.9	28.3

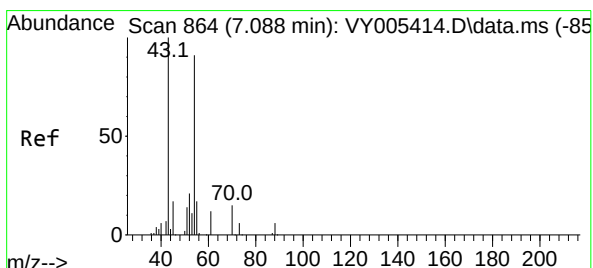
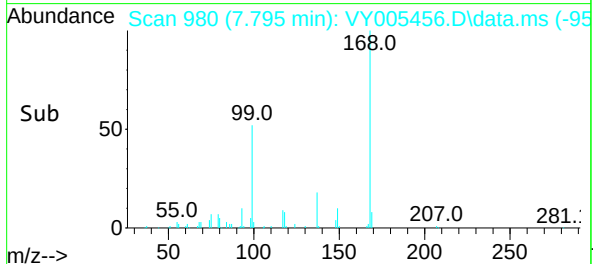
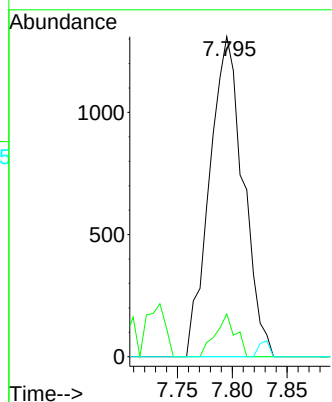
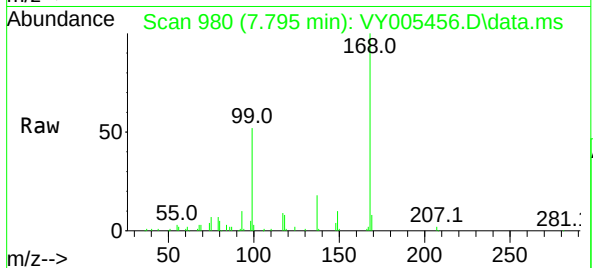




#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

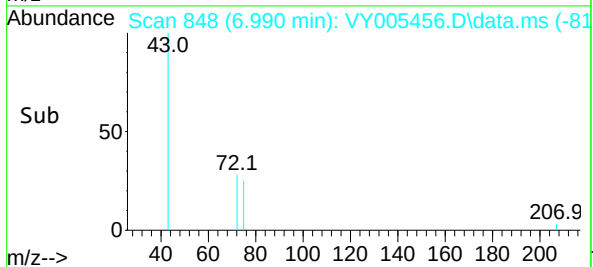
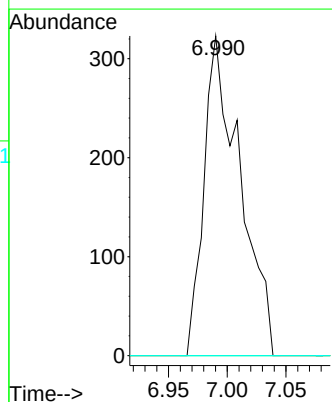
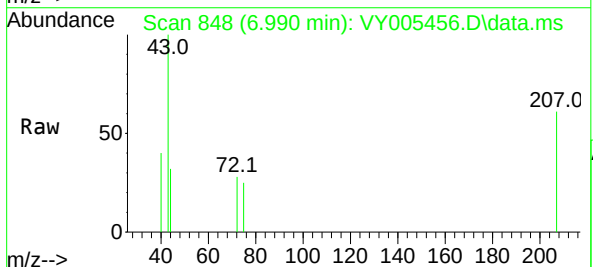
Instrument :
MSVOA_Y
ClientSampleId :

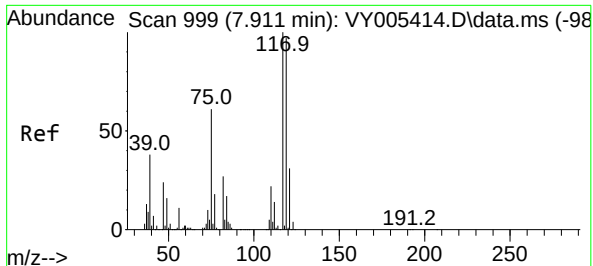
Tgt Ion: 75 Resp: 2801
Ion Ratio Lower Upper
75 100
110 8.1 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.796 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.098 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

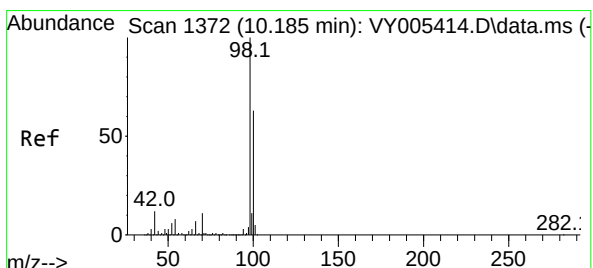
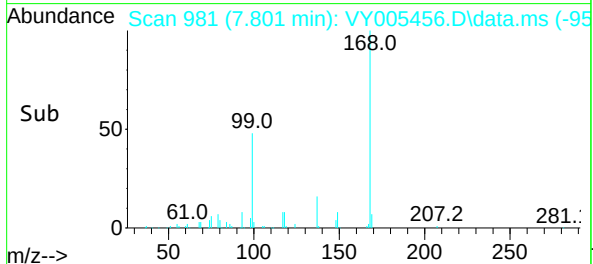
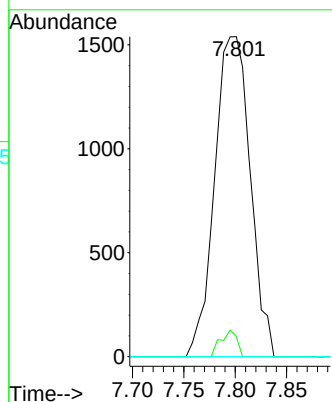
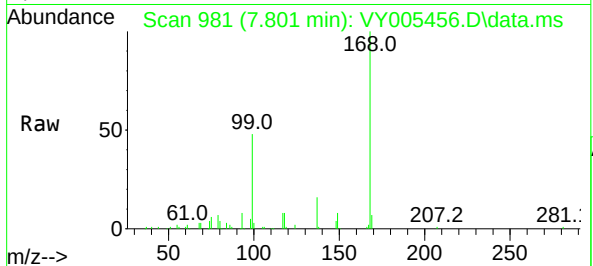




#38
Carbon Tetrachloride
Concen: 5.389 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

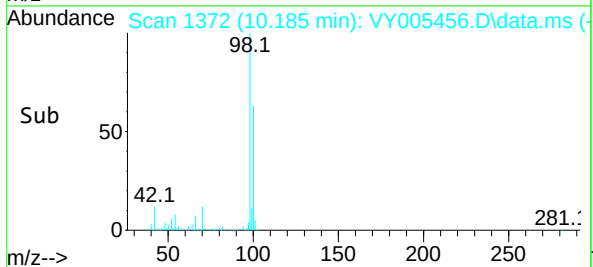
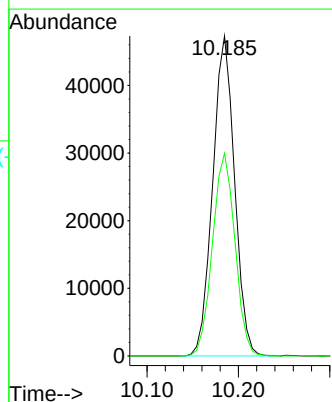
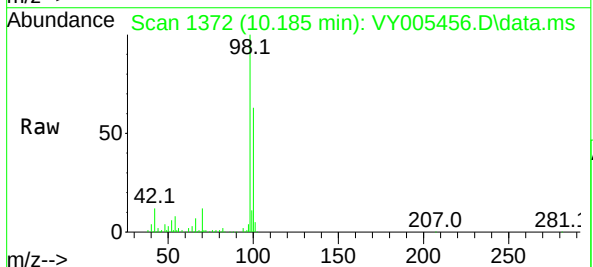
Instrument :
MSVOA_Y
ClientSampleId :

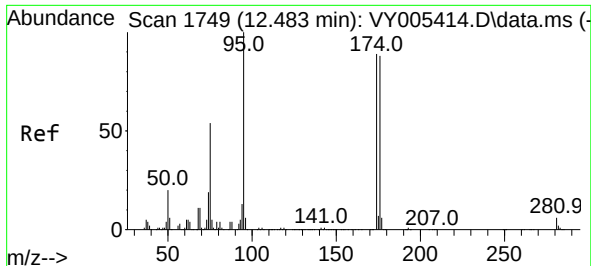
Tgt Ion:117 Resp: 3707
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 49.336 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion: 98 Resp: 78599
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3

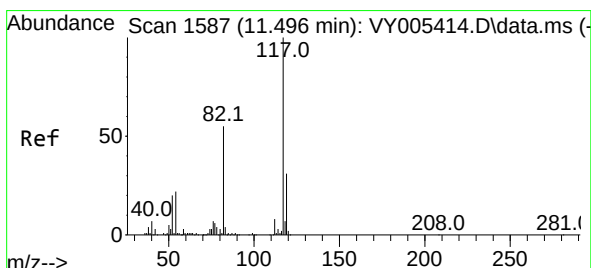
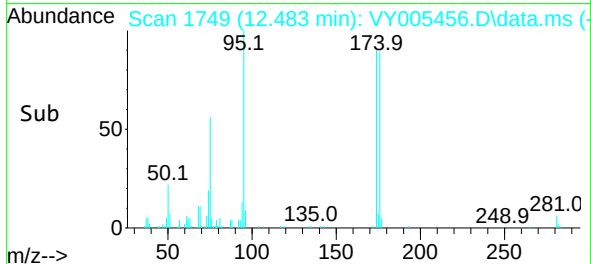
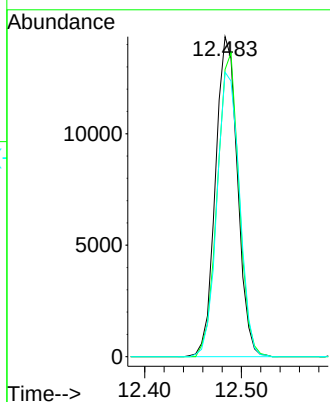
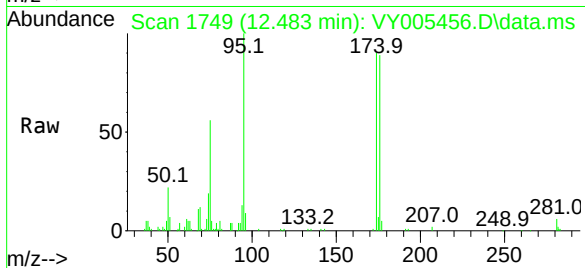




#62
4-Bromofluorobenzene
Concen: 43.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

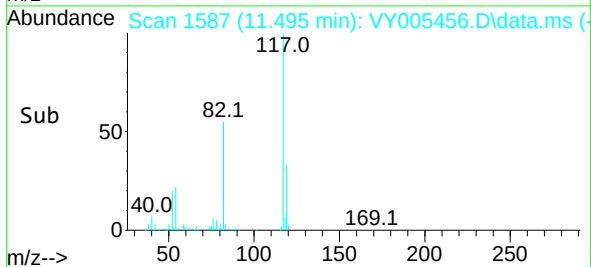
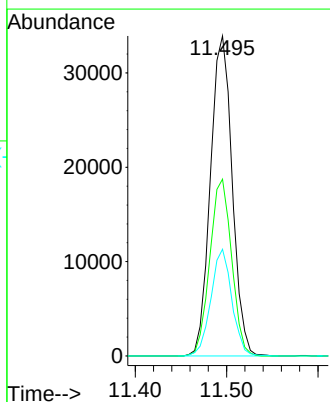
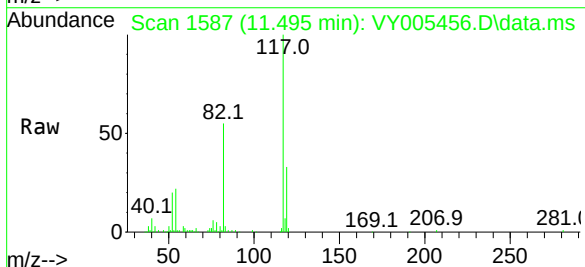
Instrument :
MSVOA_Y
ClientSampleId :

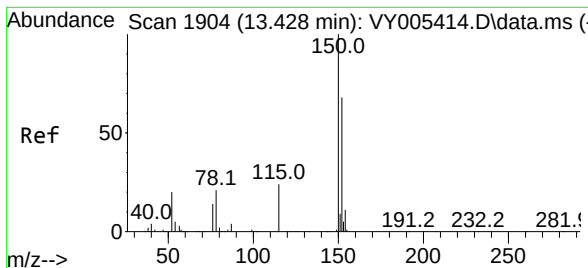
Tgt Ion:	95	Resp:	22632
Ion Ratio	Lower	Upper	
95	100		
174	93.3	0.0	186.6
176	91.1	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion:	117	Resp:	56127
Ion Ratio	Lower	Upper	
117	100		
82	55.2	43.8	65.6
119	33.4	24.8	37.2

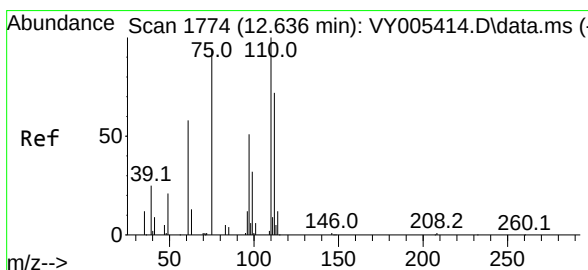
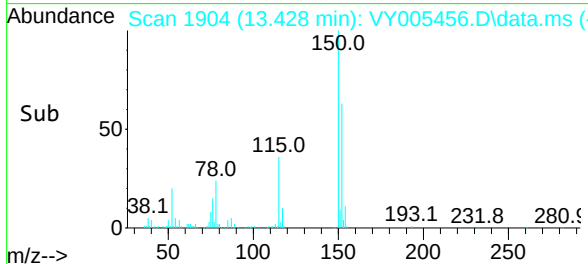
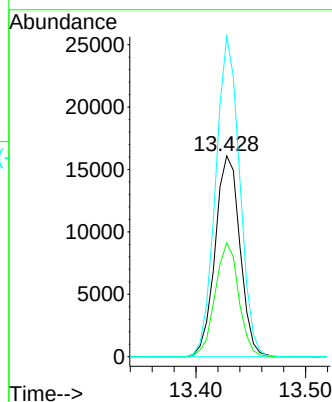
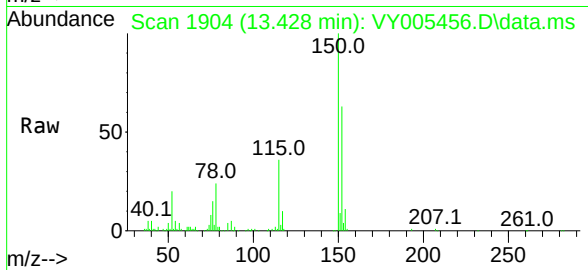




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005456.D
 Acq: 26 Jul 2021 19:41

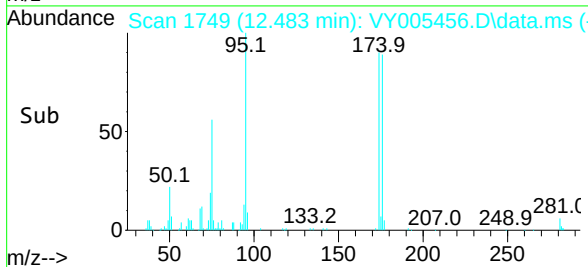
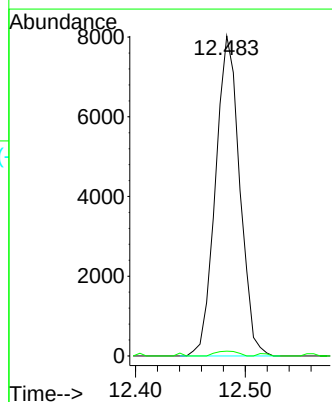
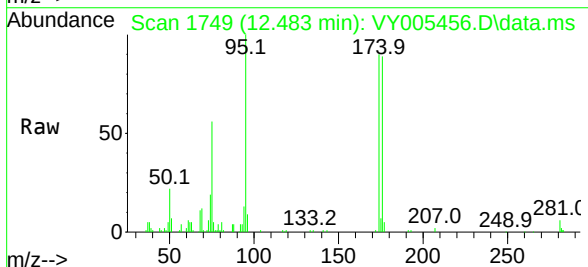
Instrument :
 MSVOA_Y
 ClientSampleId :

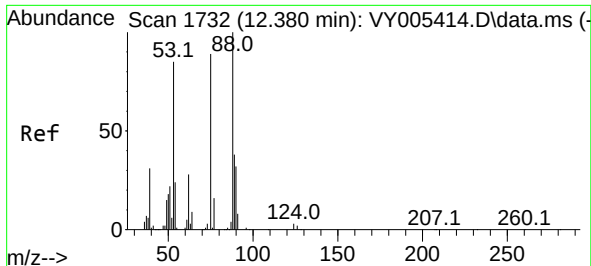
Tgt Ion:152 Resp: 25316
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.7 83.1
 150 154.5 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 49.530 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005456.D
 Acq: 26 Jul 2021 19:41

Tgt Ion: 75 Resp: 12338
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

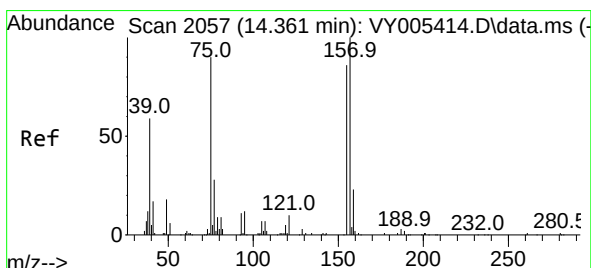
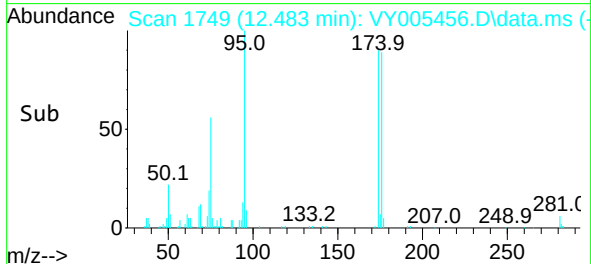
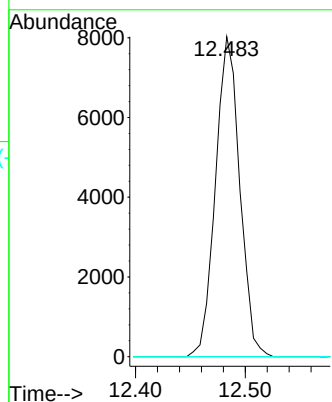
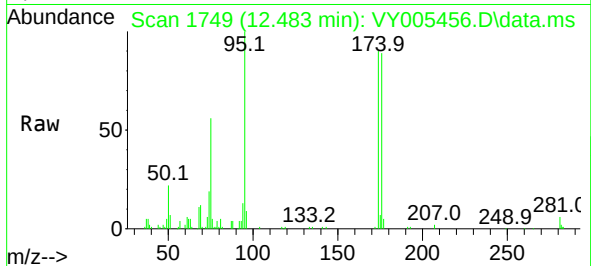




#81
trans-1,4-Dichloro-2-butene
Concen: 96.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 12338
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.686 ug/l
RT: 14.397 min Scan# 2063
Delta R.T. 0.036 min
Lab File: VY005456.D
Acq: 26 Jul 2021 19:41

Tgt Ion: 75 Resp: 109
Ion Ratio Lower Upper
75 100
155 0.0 43.6 130.8#
157 0.0 54.1 162.3#

