

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006523.D
 Acq On : 28 Oct 2021 18:08
 Operator : SY/MD
 Sample : M4375-04
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:05:49 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	108424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	186042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72052	50.000	ug/l	0.00

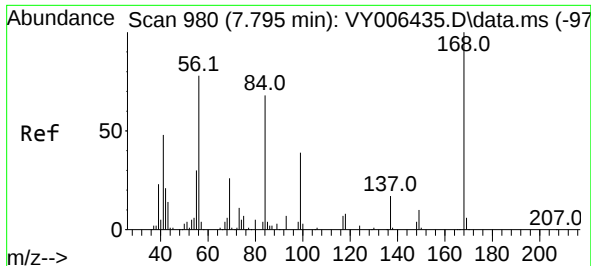
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80878	60.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.240%
35) Dibromofluoromethane	7.722	113	56871	54.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.680%
50) Toluene-d8	10.185	98	236675	53.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.483	95	72567	49.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%

Target Compounds					Qvalue	
10) Methyl Iodide	4.095	142	60	5.110	ug/l #	36
11) Tert butyl alcohol	4.936	59	302	2.492	ug/l #	72
16) Acetone	3.954	43	1424	3.707	ug/l	90
20) Methylene Chloride	4.729	84	9680	4.446	ug/l	97
31) Cyclohexane	7.795	56	2625	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8878	4.830	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10958	5.404	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1255	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41906	56.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41906	115.871	ug/l #	7

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

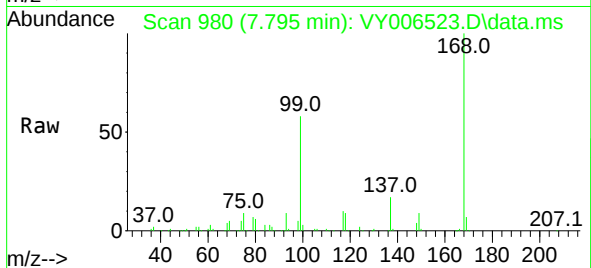
Quant Time: Oct 29 07:05:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



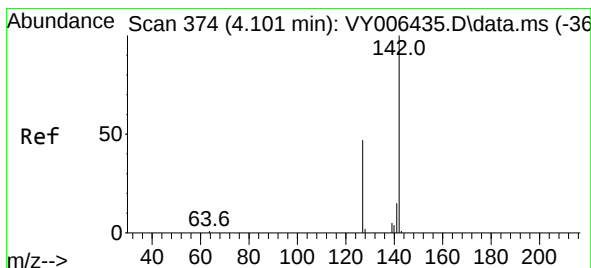
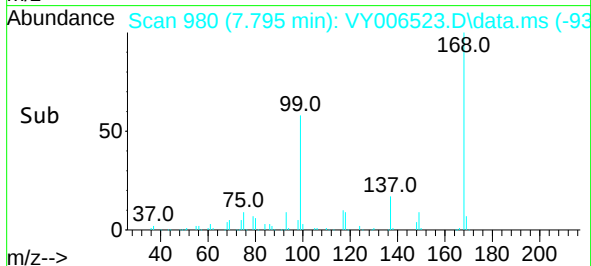
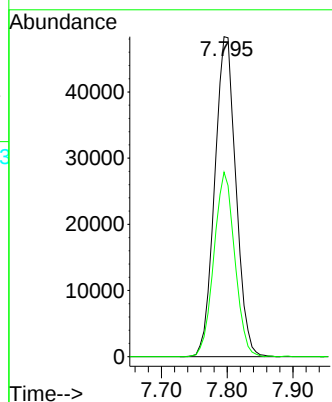


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Instrument :
MSVOA_Y
ClientSampleId :

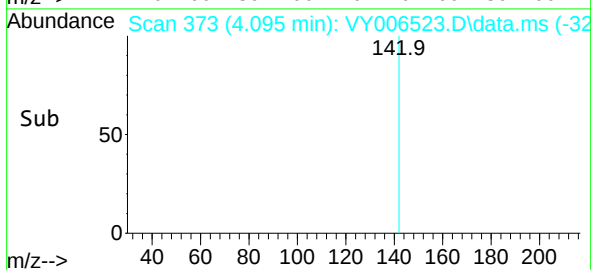
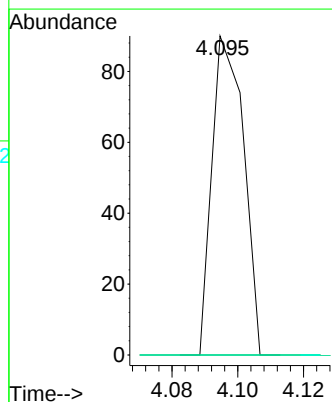
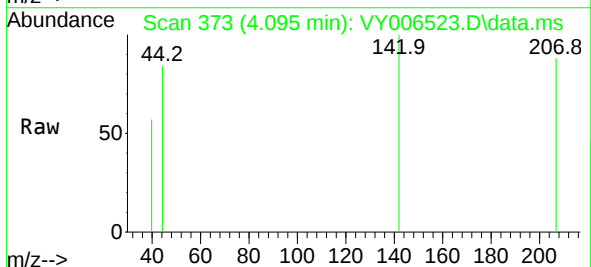


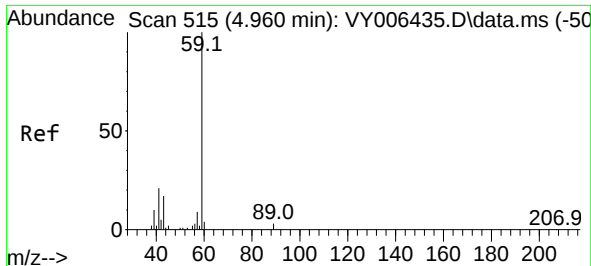
Tgt Ion:168 Resp: 108424
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.110 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

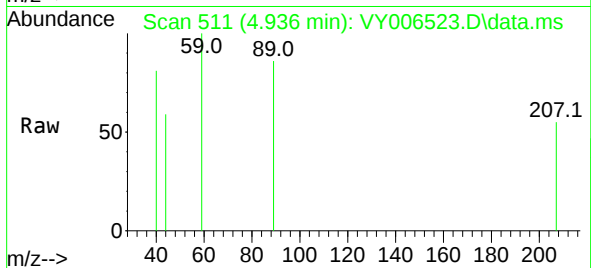




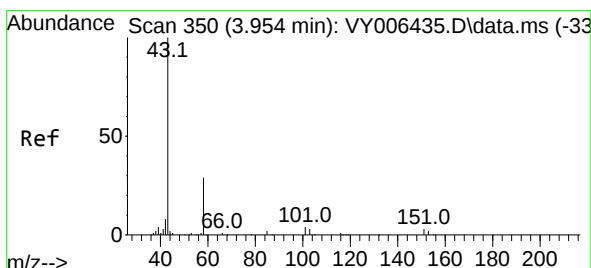
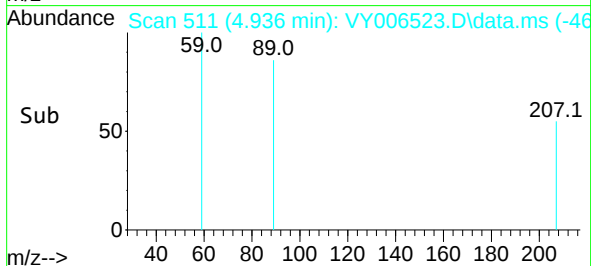
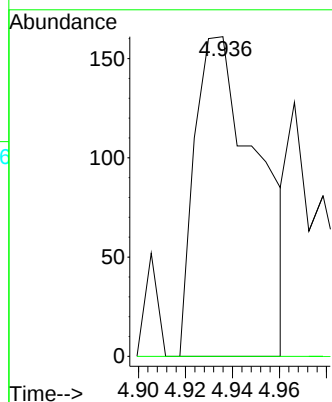
#11

Tert butyl alcohol
Concen: 2.492 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Instrument :
MSVOA_Y
ClientSampled :



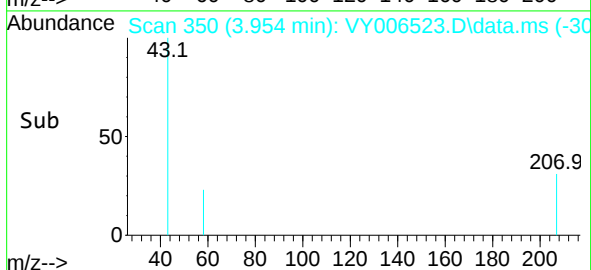
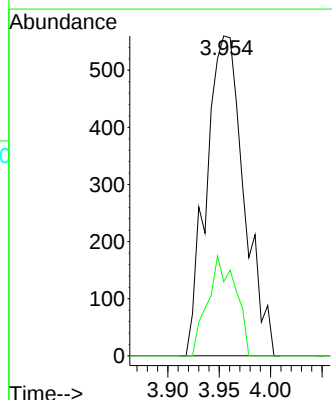
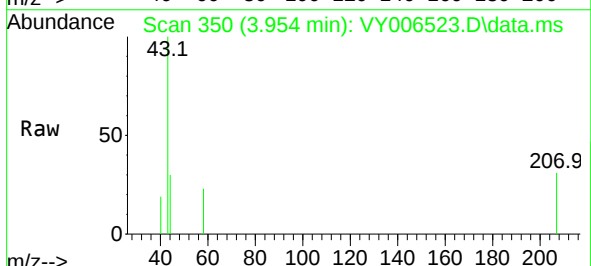
Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

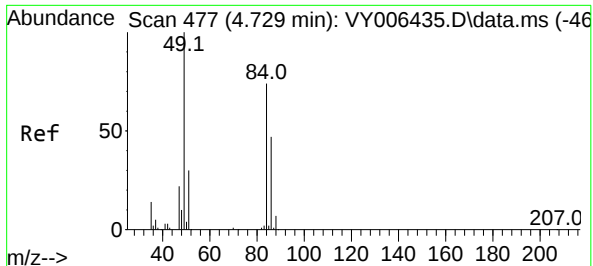


#16

Acetone
Concen: 3.707 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 23.2 22.9 34.3





#20

Methylene Chloride

Concen: 4.446 ug/l

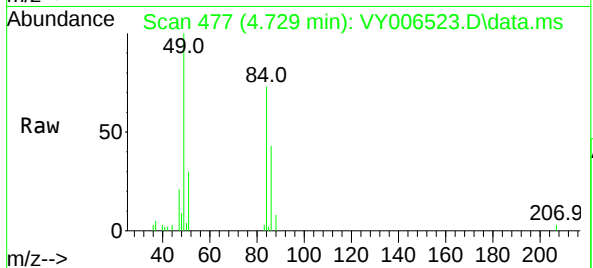
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY006523.D

Acq: 28 Oct 2021 18:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9680

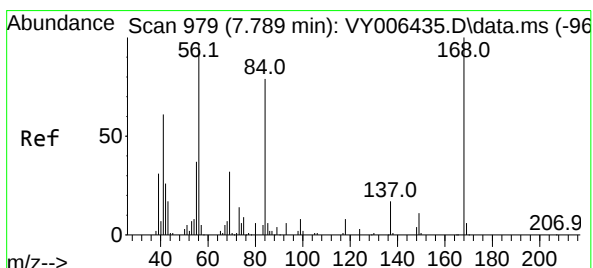
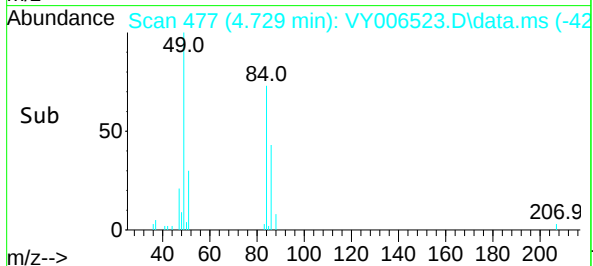
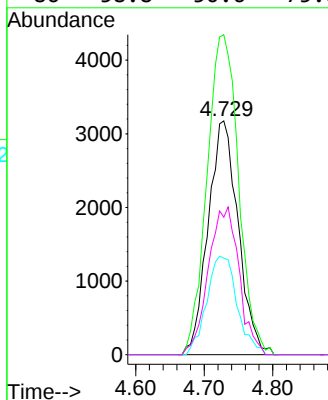
Ion Ratio Lower Upper

84 100

49 136.8 107.8 161.8

51 41.3 32.8 49.2

86 58.8 50.6 75.8



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006523.D

Acq: 28 Oct 2021 18:08

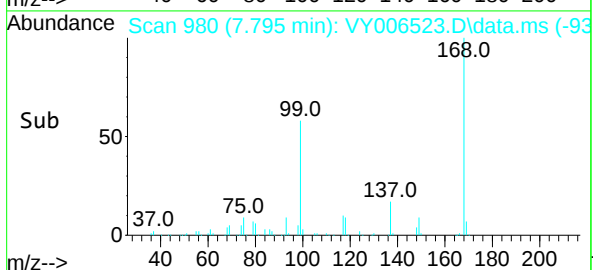
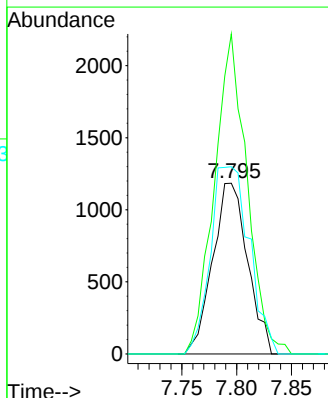
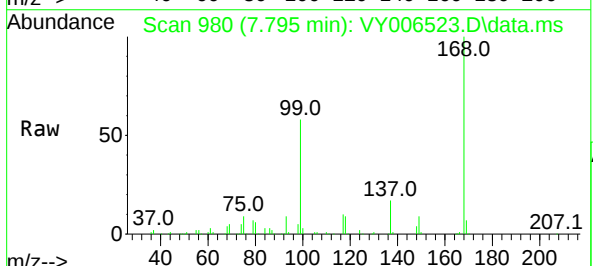
Tgt Ion: 56 Resp: 2625

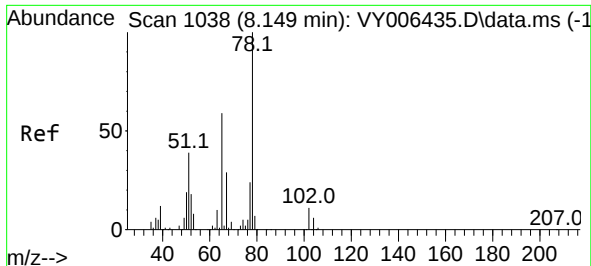
Ion Ratio Lower Upper

56 100

69 187.5 26.6 40.0#

84 109.7 65.0 97.4#

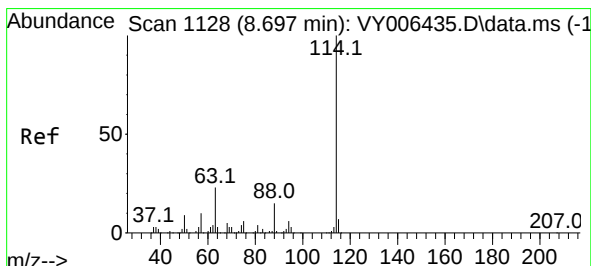
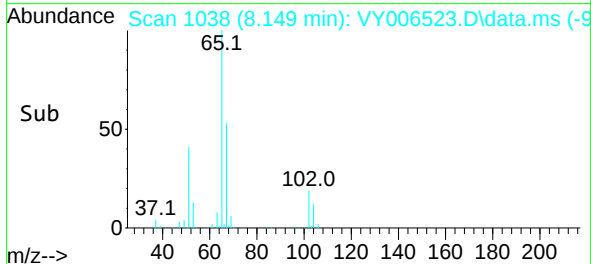
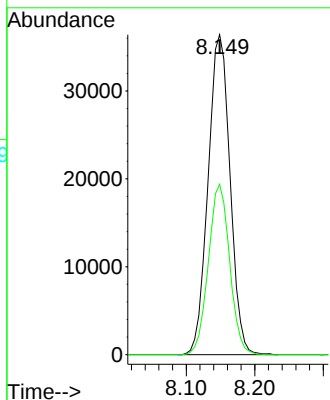
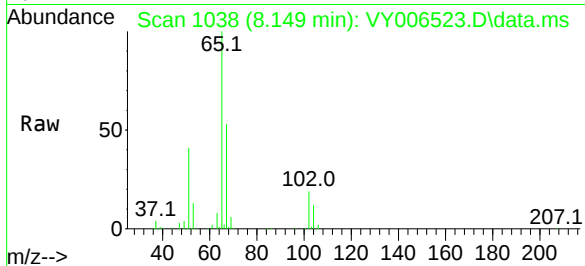




#33
1,2-Dichloroethane-d4
Concen: 60.618 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

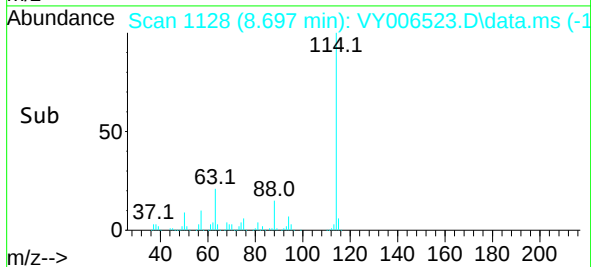
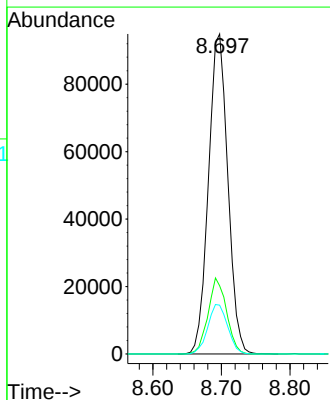
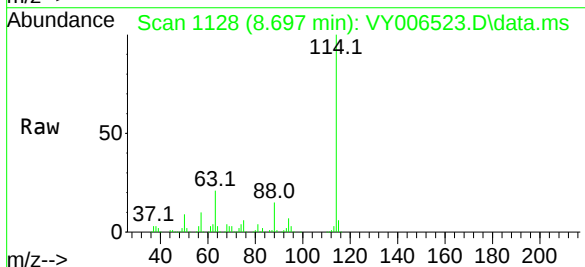
Instrument :
MSVOA_Y
ClientSampleId :

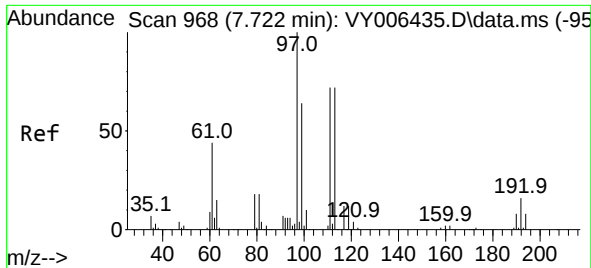
Tgt Ion: 65 Resp: 80878
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion:114 Resp: 186042
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.2 0.0 30.6

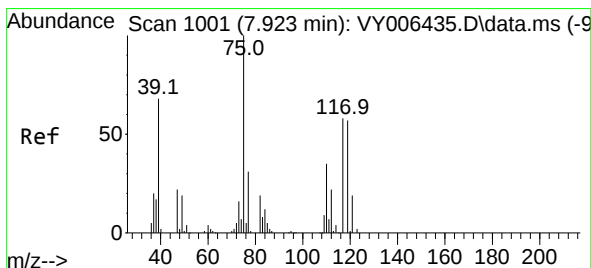
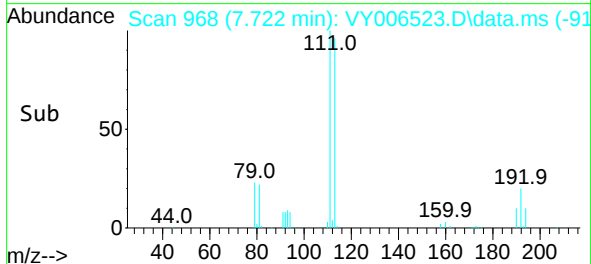
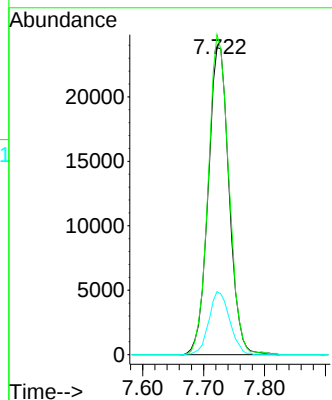
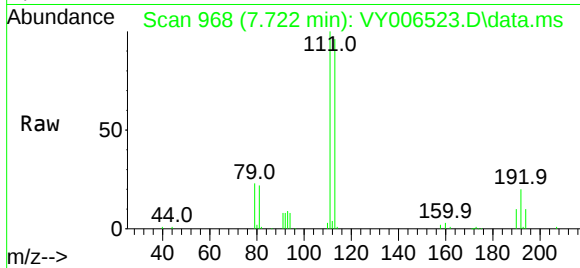




#35
Dibromofluoromethane
Concen: 54.845 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

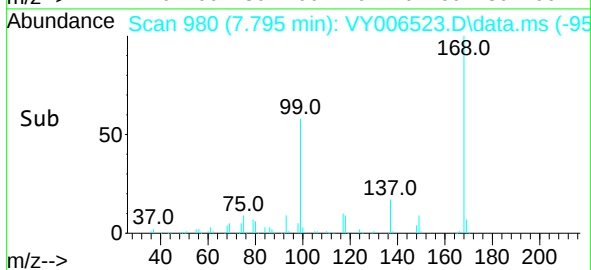
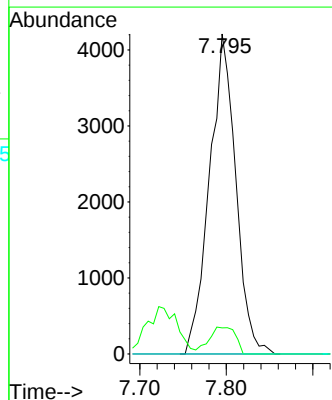
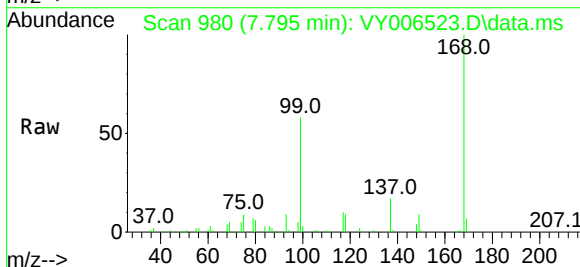
Instrument :
MSVOA_Y
ClientSampleId :

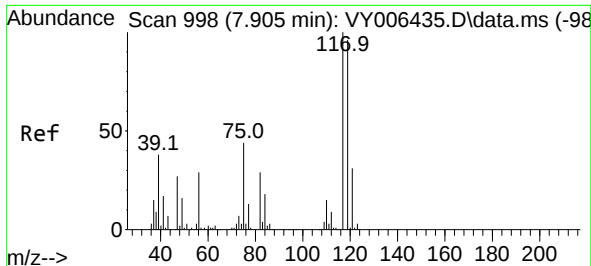
Tgt Ion:113 Resp: 56871
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

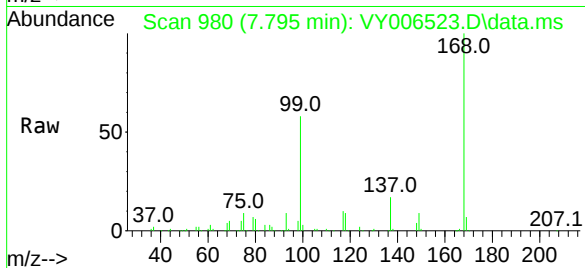
Tgt Ion: 75 Resp: 8878
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.3#
77 0.0 24.9 37.3#



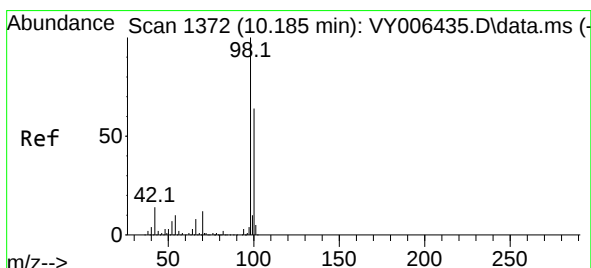
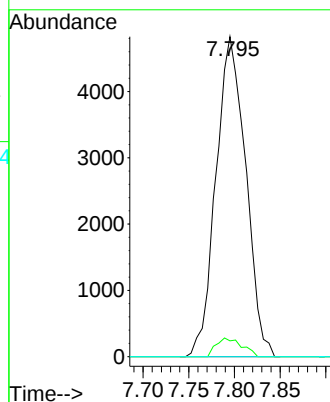
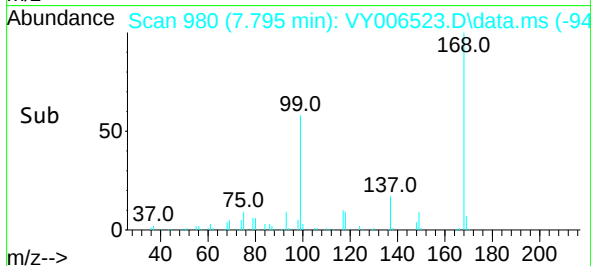


#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

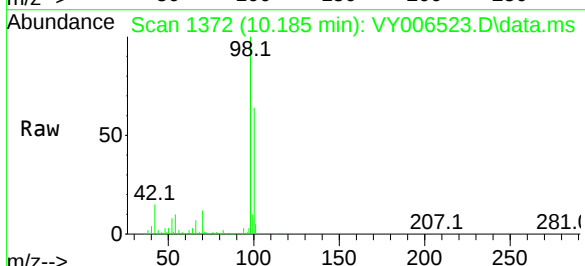
Instrument :
MSVOA_Y
ClientSampleId :



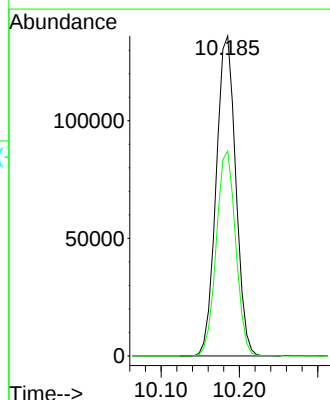
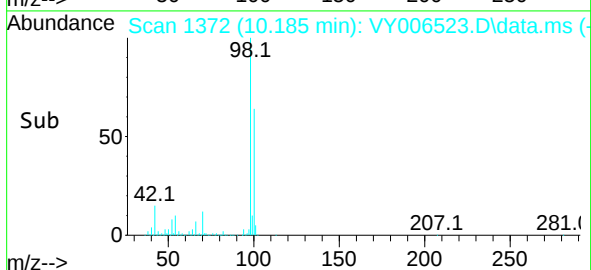
Tgt Ion:117 Resp: 10958
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 24.7 37.1#

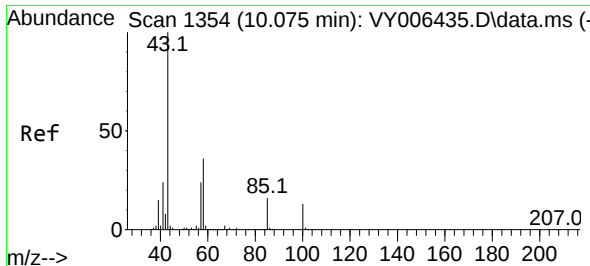


#50
Toluene-d8
Concen: 53.842 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08



Tgt Ion: 98 Resp: 236675
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

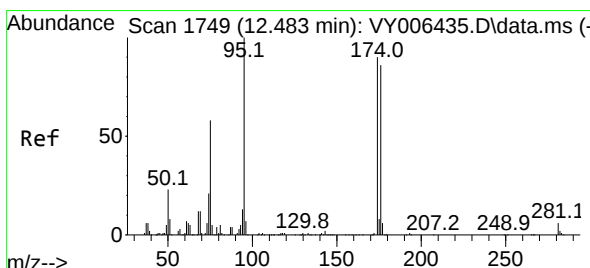
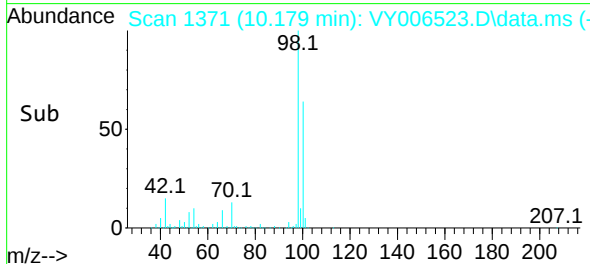
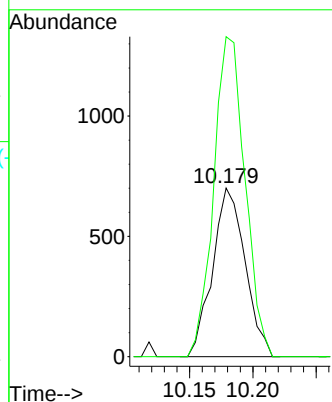
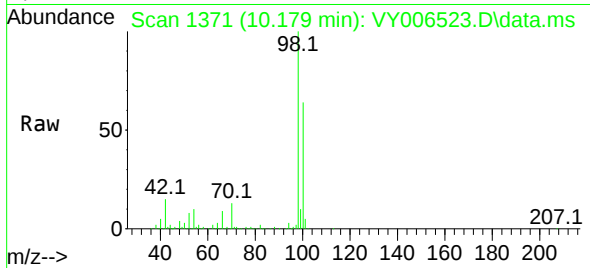




#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

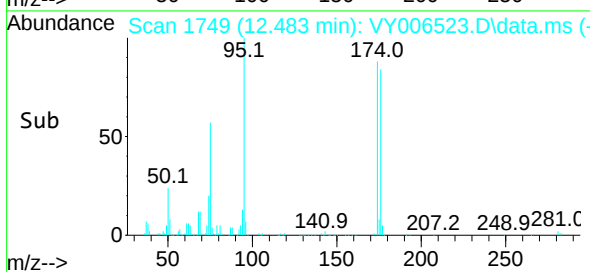
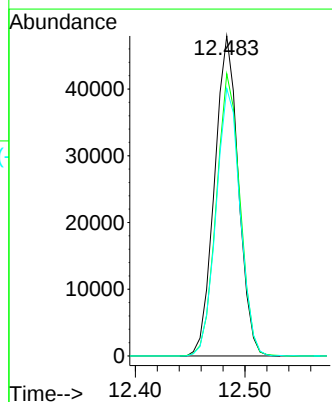
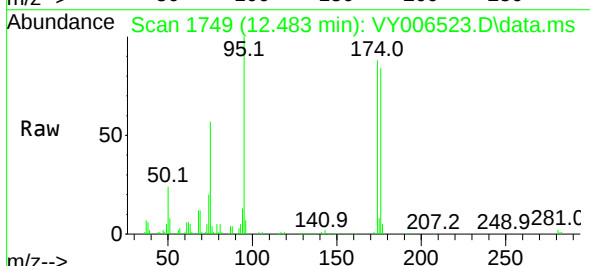
Instrument :
MSVOA_Y
ClientSampled :

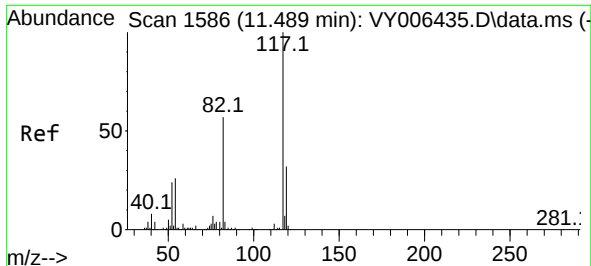
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 182.4 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 49.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 95 Resp: 72567
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 84.3 0.0 169.4

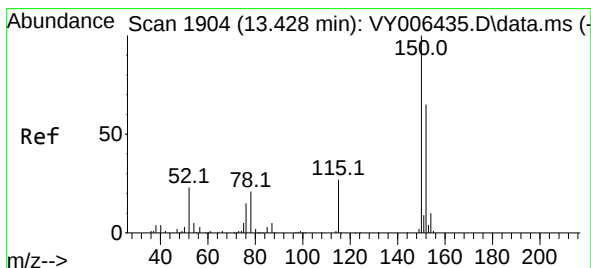
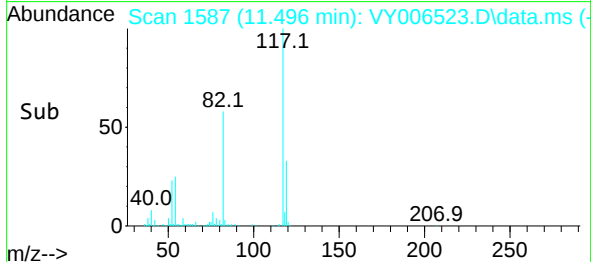
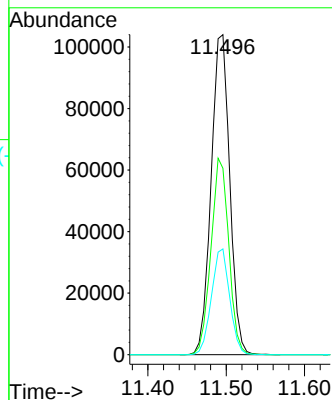
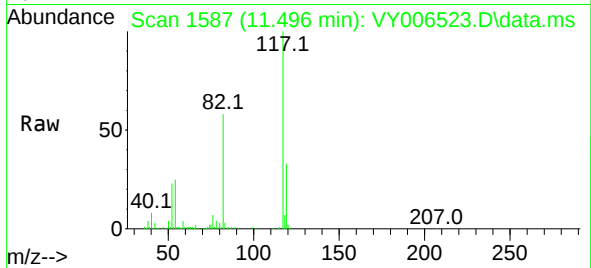




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

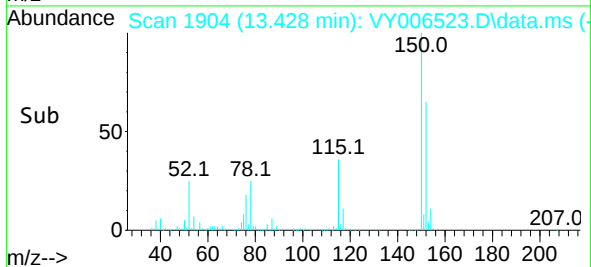
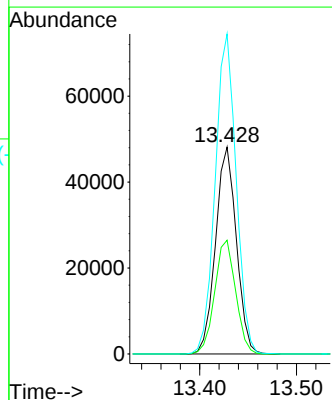
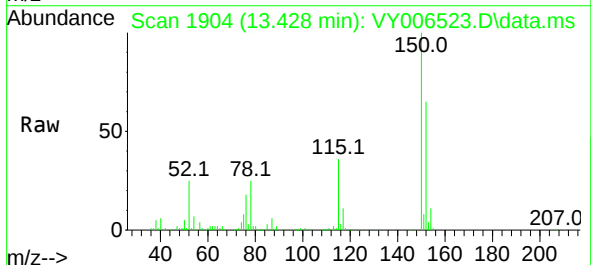
Instrument :
MSVOA_Y
ClientSampleId :

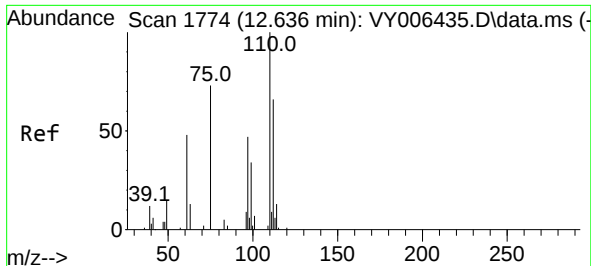
Tgt Ion:117 Resp: 171281
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion:152 Resp: 72052
Ion Ratio Lower Upper
152 100
115 55.3 28.5 85.5
150 155.2 0.0 348.2

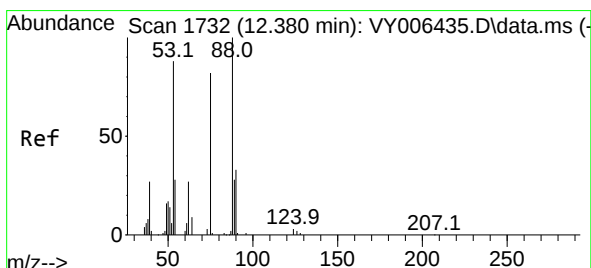
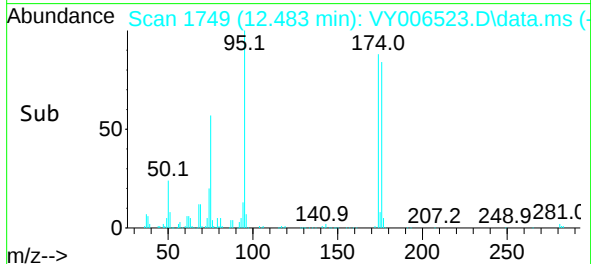
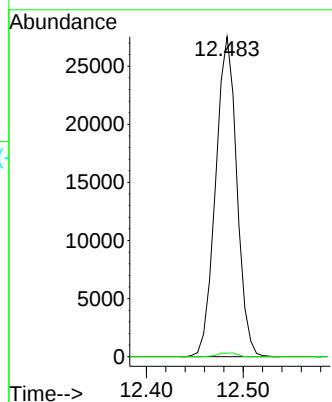
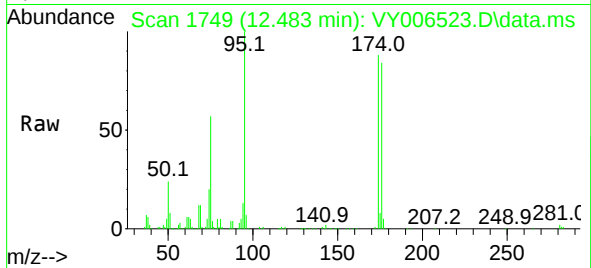




#76
1,2,3-Trichloropropane
Concen: 56.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 41906
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 75 Resp: 41906
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.0 39.3 58.9#

