

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006244.D
 Acq On : 30 Sep 2021 16:51
 Operator : SY/MD
 Sample : M3966-06
 Misc : 18.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:28:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

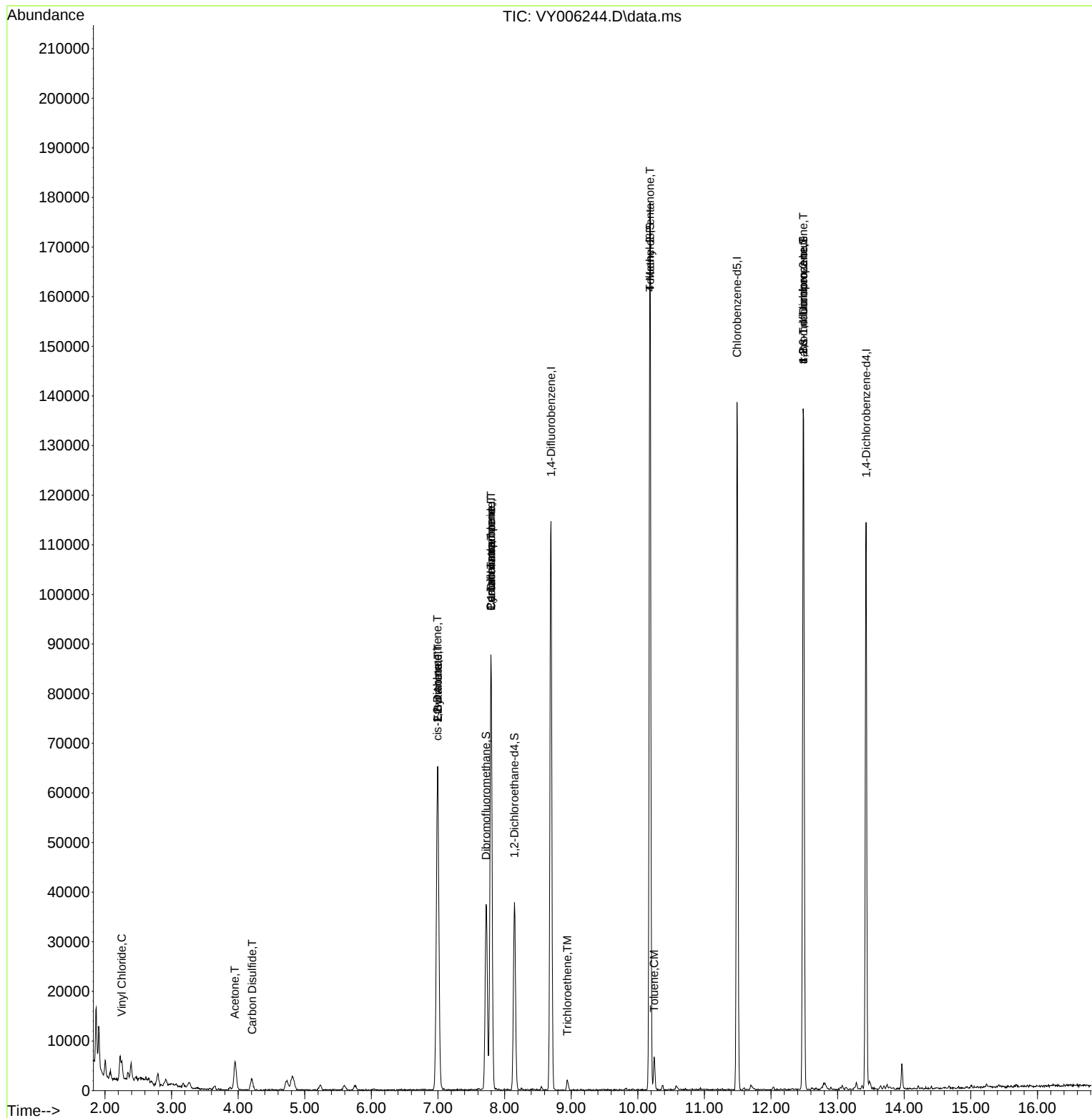
Internal Standards						
1) Pentafluorobenzene	7.795	168	68014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	93671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31191	42.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.700%
35) Dibromofluoromethane	7.722	113	25227	50.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.185	98	114183	54.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.483	95	27733	38.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	1567	1.760	ug/l	89
16) Acetone	3.948	43	10033	49.347	ug/l	99
17) Carbon Disulfide	4.210	76	4325	2.030	ug/l	96
20) Methylene Chloride	4.716	84	760	Below Cal	#	70
25) 2-Butanone	6.996	43	3174	11.207	ug/l #	58
27) cis-1,2-Dichloroethene	6.990	96	38216	48.316	ug/l	83
31) Cyclohexane	7.795	56	1702	1.234	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	5208	5.588	ug/l #	52
37) Ethyl Acetate	6.996	43	3174	5.846	ug/l #	1
38) Carbon Tetrachloride	7.795	117	6765	6.874	ug/l #	16
44) Trichloroethene	8.941	130	782	1.145	ug/l	77
51) 4-Methyl-2-Pentanone	10.185	43	584	1.080	ug/l #	1
52) Toluene	10.246	92	2773	1.691	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	15756	56.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15756	111.781	ug/l #	7

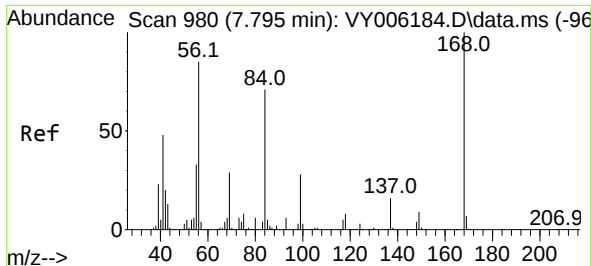
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
Data File : VY006244.D
Acq On : 30 Sep 2021 16:51
Operator : SY/MD
Sample : M3966-06
Misc : 18.71G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 01 06:28:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

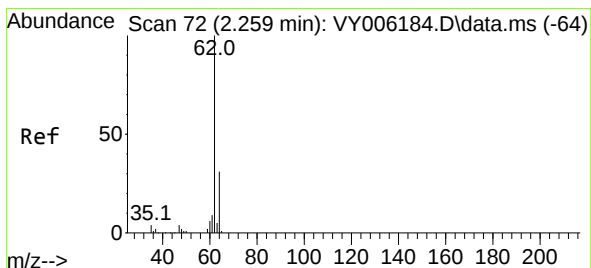
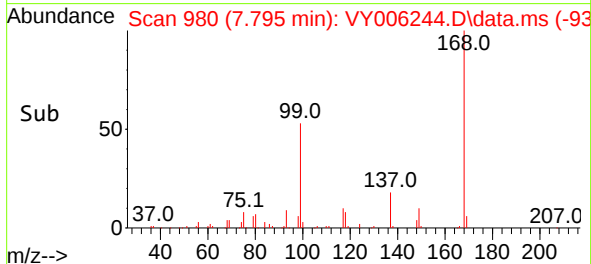
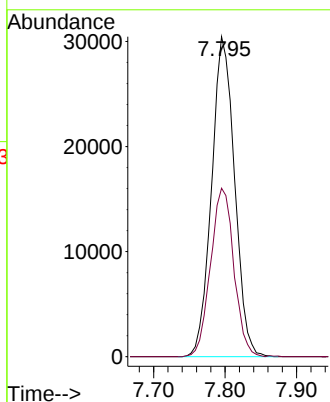
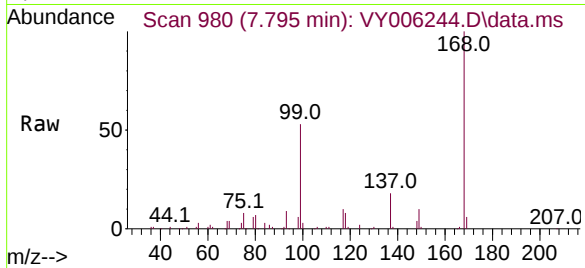




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

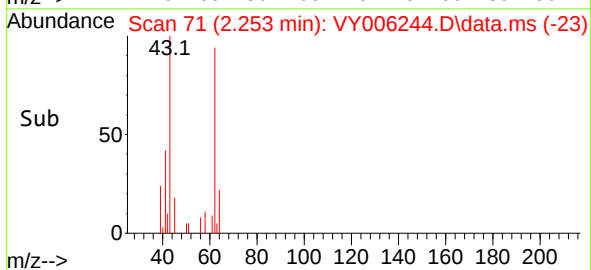
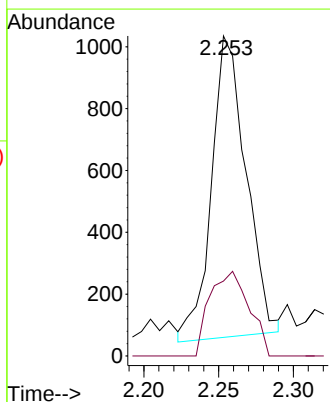
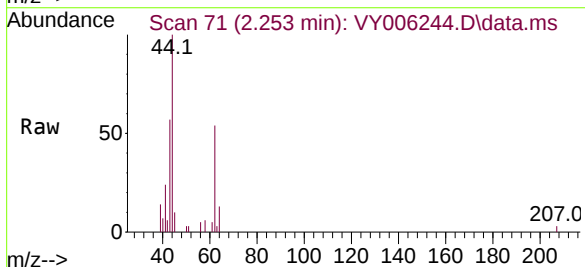
Instrument :
MSVOA_Y
ClientSampled :

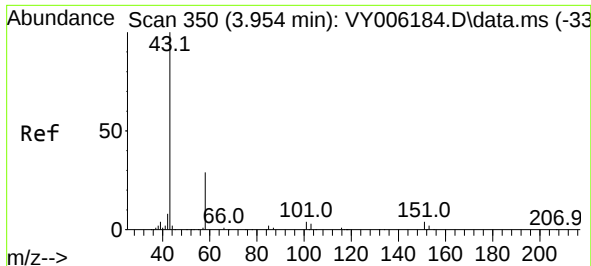
Tgt Ion:168 Resp: 68014
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#4
Vinyl Chloride
Concen: 1.760 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 62 Resp: 1567
Ion Ratio Lower Upper
62 100
64 25.3 25.0 37.6

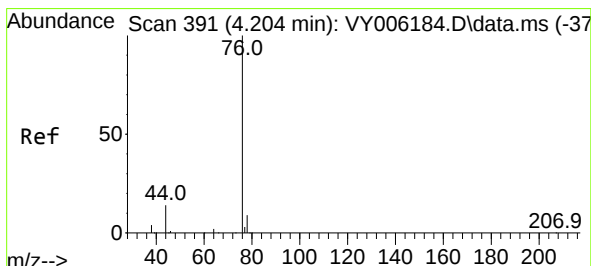
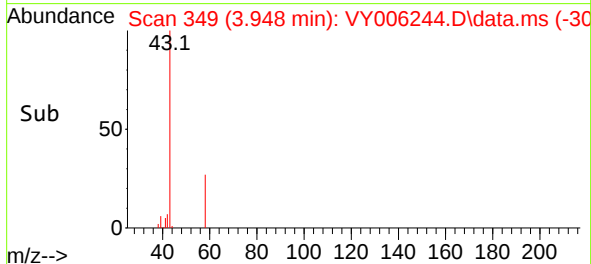
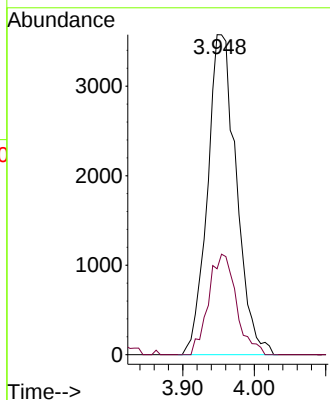
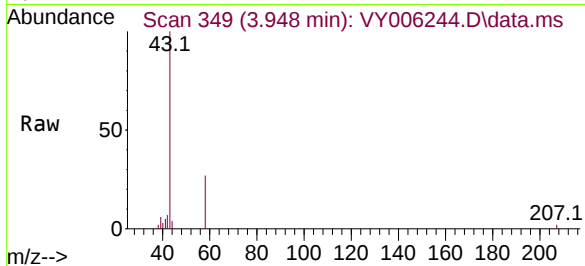




#16
Acetone
Concen: 49.347 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

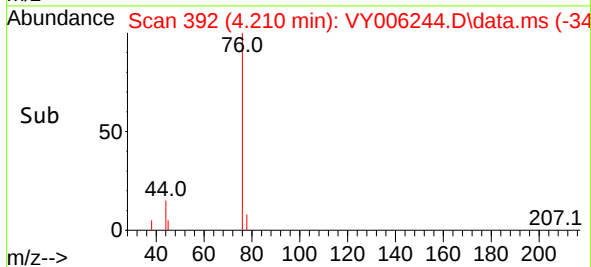
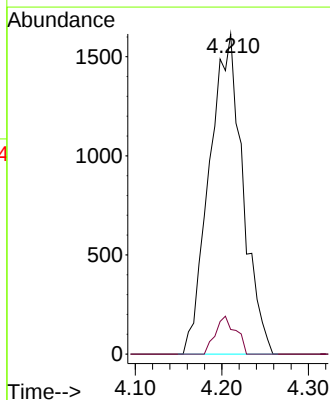
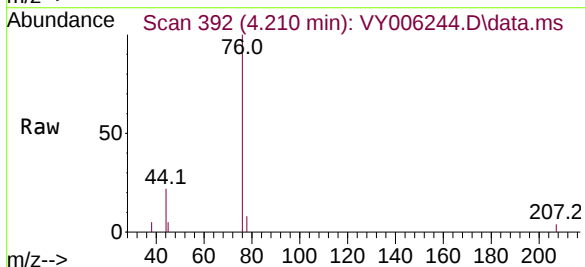
Instrument :
MSVOA_Y
ClientSampled :

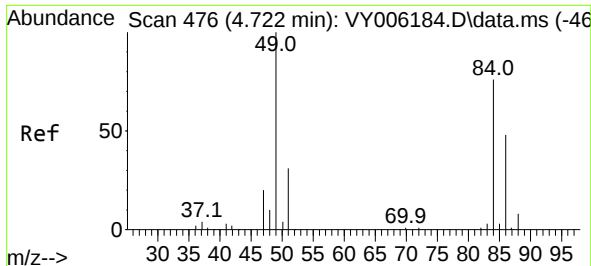
Tgt Ion: 43 Resp: 10033
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0



#17
Carbon Disulfide
Concen: 2.030 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

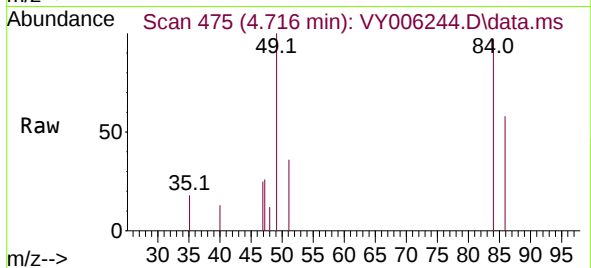
Tgt Ion: 76 Resp: 4325
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0





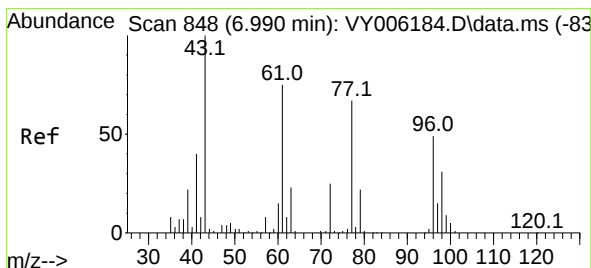
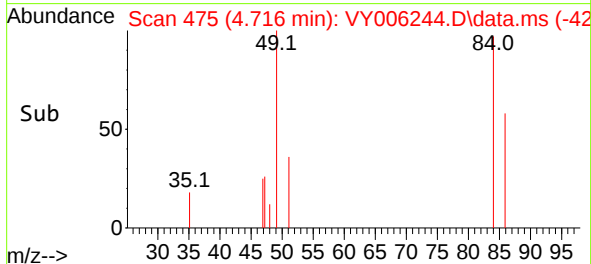
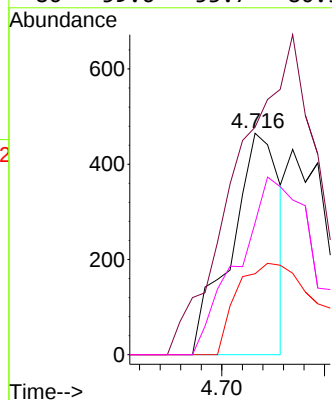
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 760

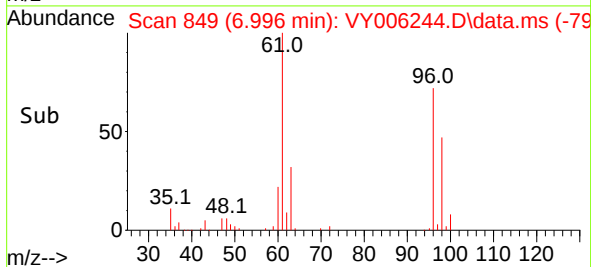
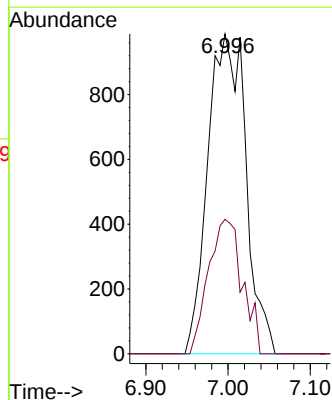
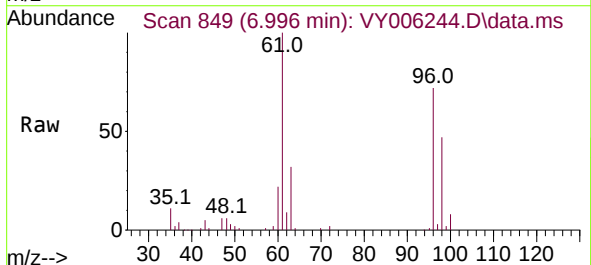
Ion	Ratio	Lower	Upper
84	100		
49	88.0	114.4	171.6#
51	36.6	35.3	52.9
86	59.6	53.7	80.5

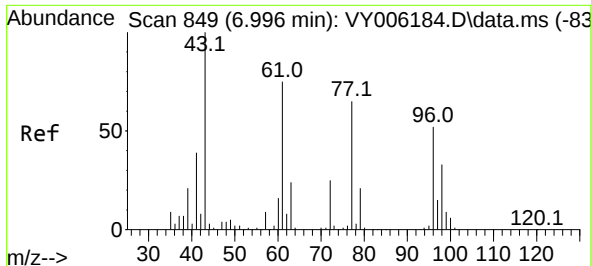


#25
2-Butanone
Concen: 11.207 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 43 Resp: 3174

Ion	Ratio	Lower	Upper
43	100		
72	42.0	17.7	26.5#





#27

cis-1,2-Dichloroethene

Concen: 48.316 ug/l

RT: 6.990 min Scan# 848

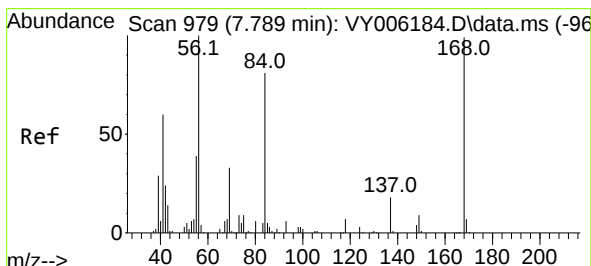
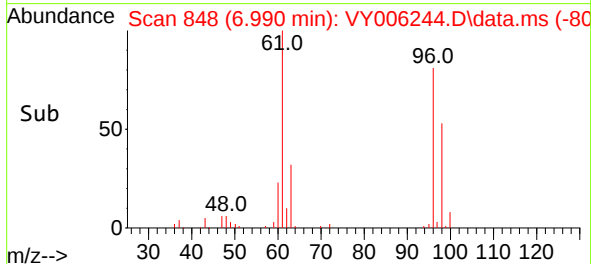
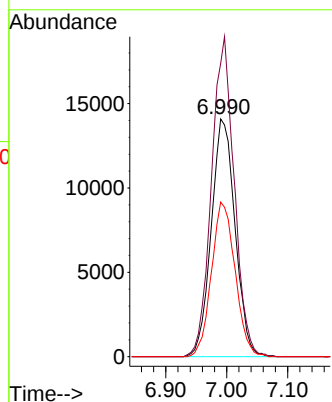
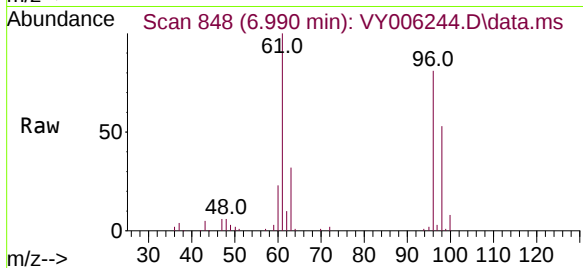
Delta R.T. -0.006 min

Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

Tgt Ion: 96 Resp: 38216

Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	319.8
98	64.6	0.0	127.0



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.795 min Scan# 980

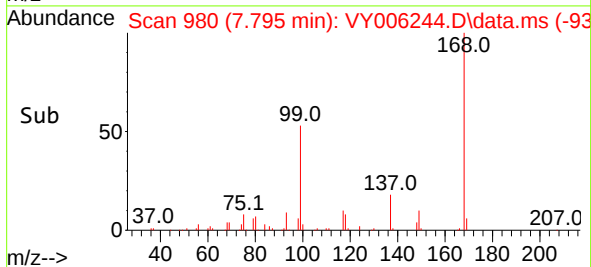
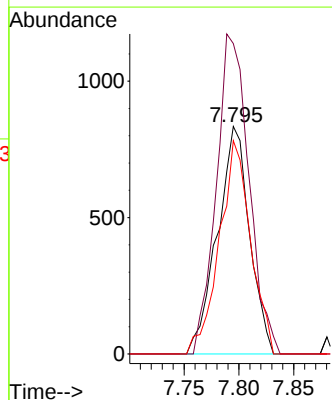
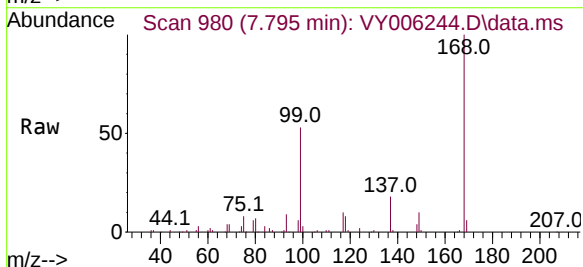
Delta R.T. 0.006 min

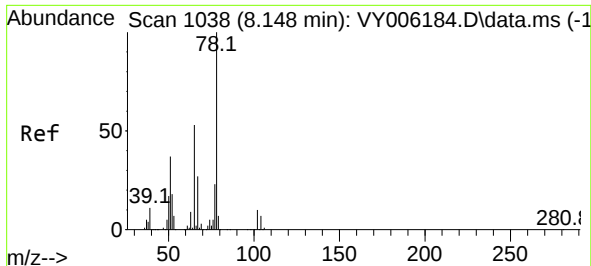
Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

Tgt Ion: 56 Resp: 1702

Ion	Ratio	Lower	Upper
56	100		
69	136.5	26.7	40.1#
84	93.8	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 42.848 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006244.D

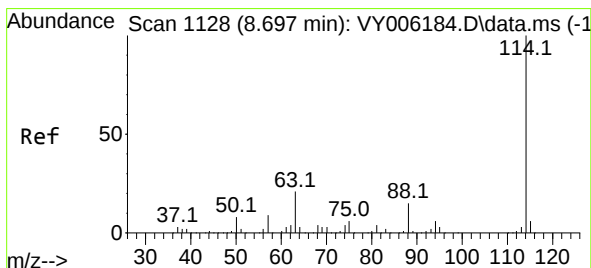
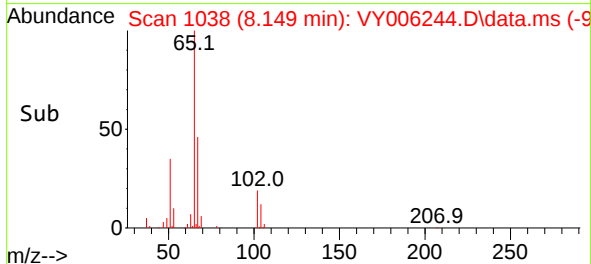
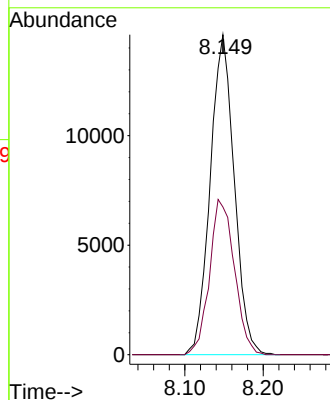
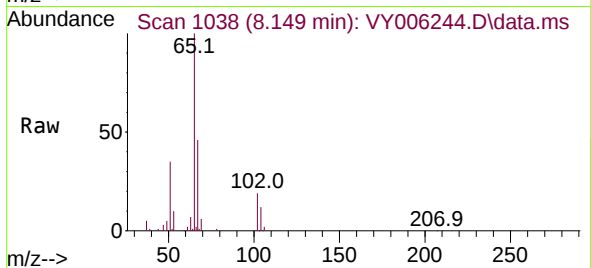
Acq: 30 Sep 2021 16:51

Tgt Ion: 65 Resp: 31191

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

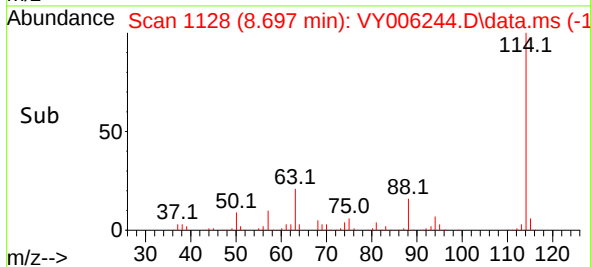
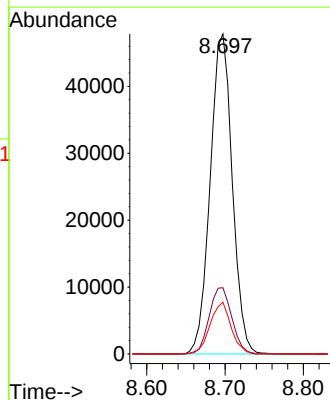
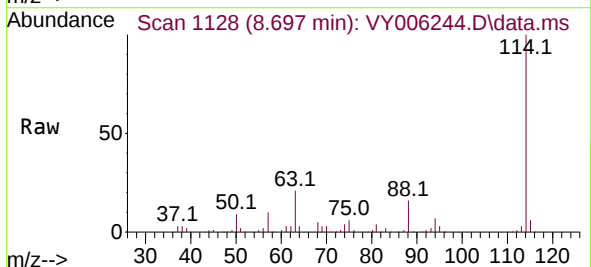
Tgt Ion: 114 Resp: 93671

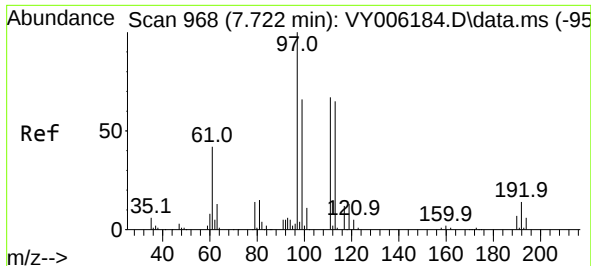
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 16.2 0.0 31.8

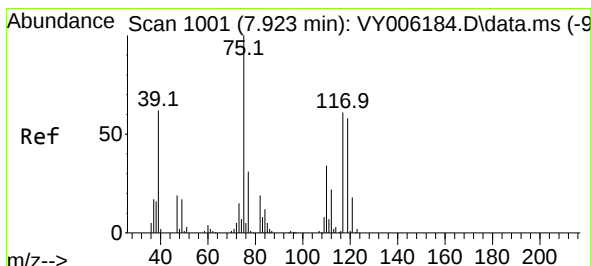
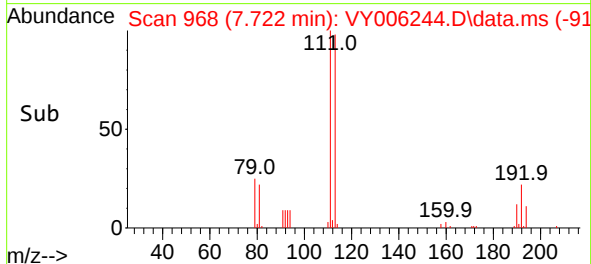
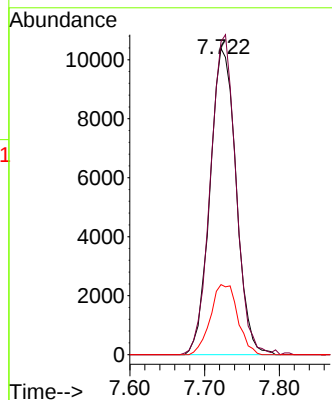
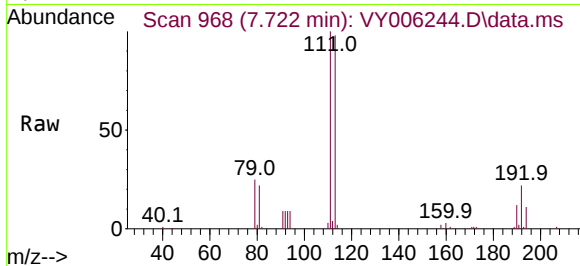




#35
Dibromofluoromethane
Concen: 50.409 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

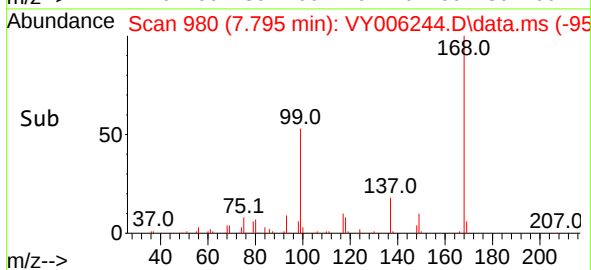
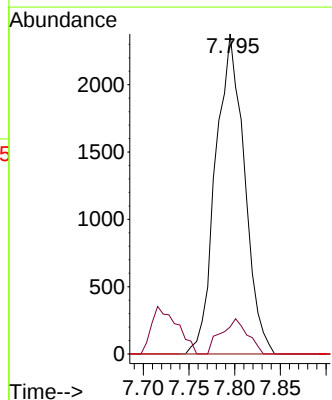
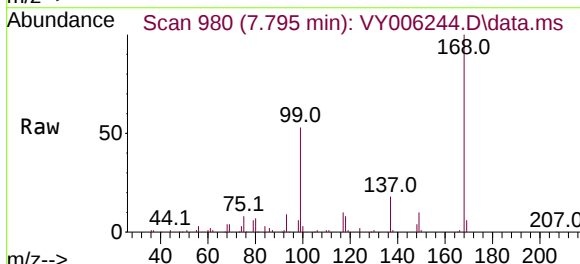
Instrument :
MSVOA_Y
ClientSampleId :

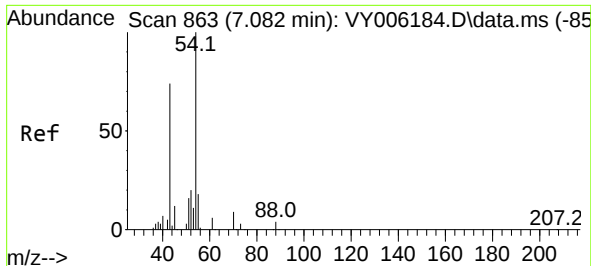
Tgt Ion:	113	Resp:	25227
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	23.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.588 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion:	75	Resp:	5208
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 5.846 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.085 min

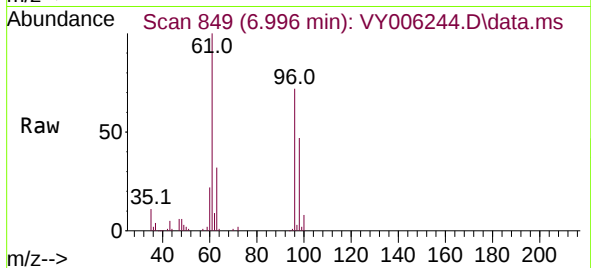
Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

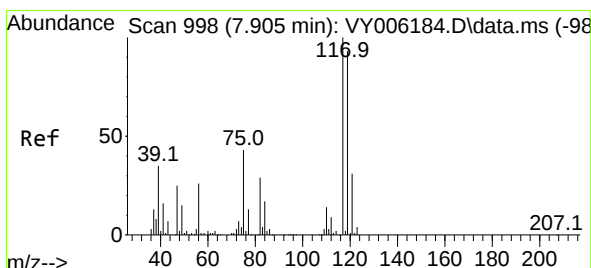
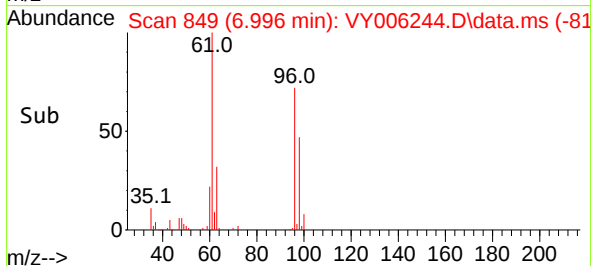
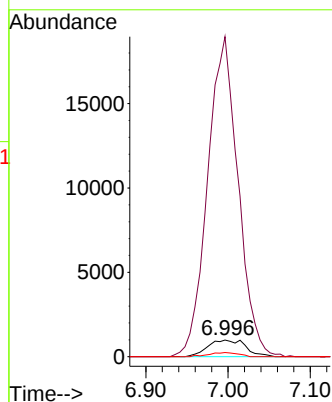
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	3174
Ion	Ratio	Lower	Upper
43	100		
61	1546.1	9.7	14.5#
70	19.2	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.874 ug/l

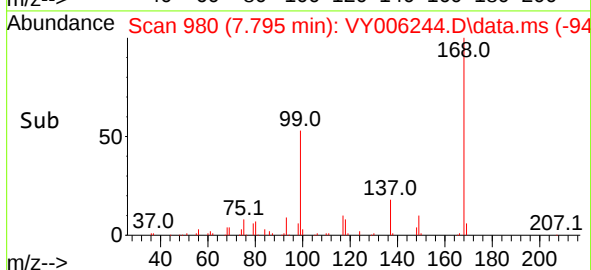
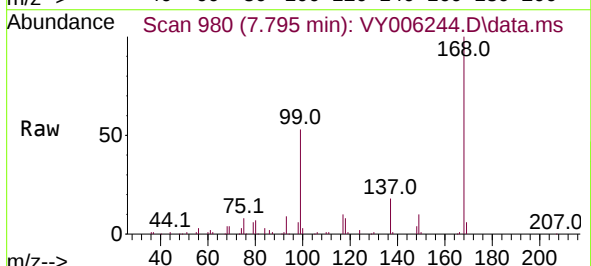
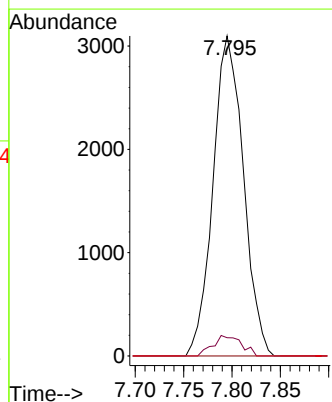
RT: 7.795 min Scan# 980

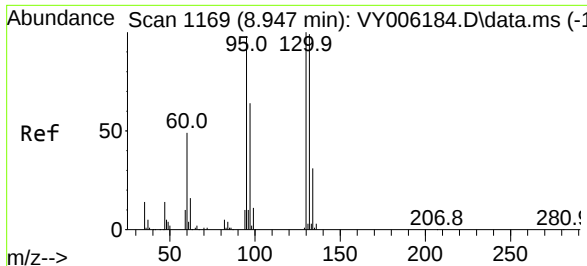
Delta R.T. -0.110 min

Lab File: VY006244.D

Acq: 30 Sep 2021 16:51

Tgt Ion:	117	Resp:	6765
Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.9	116.9#
121	0.0	24.8	37.2#

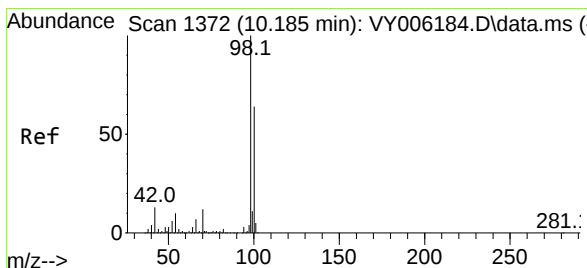
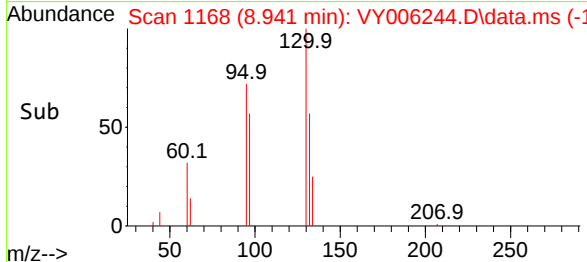
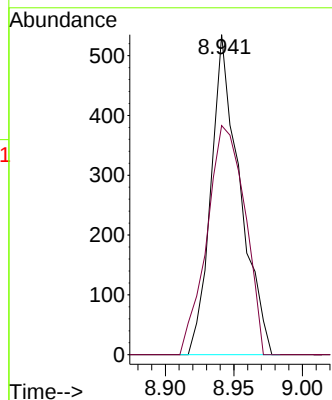
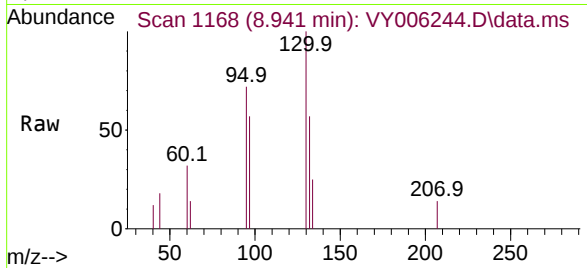




#44
Trichloroethene
Concen: 1.145 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

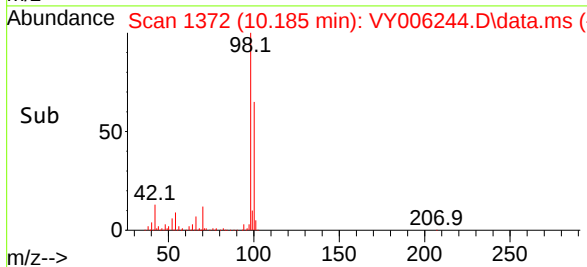
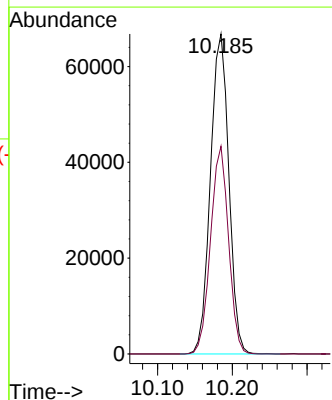
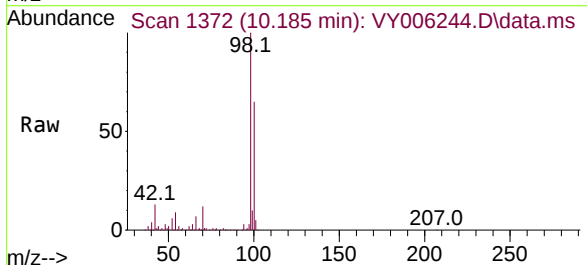
Instrument :
MSVOA_Y
ClientSampled :

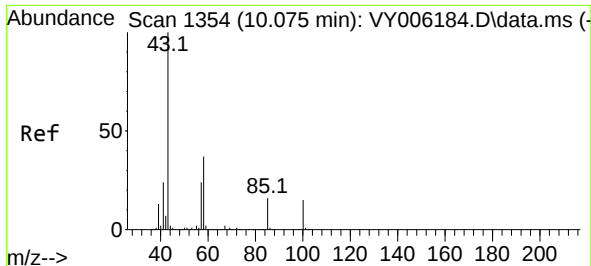
Tgt Ion:130 Resp: 782
Ion Ratio Lower Upper
130 100
95 71.6 0.0 188.2



#50
Toluene-d8
Concen: 54.517 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 98 Resp: 114183
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

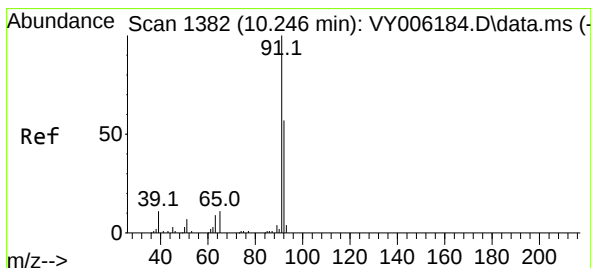
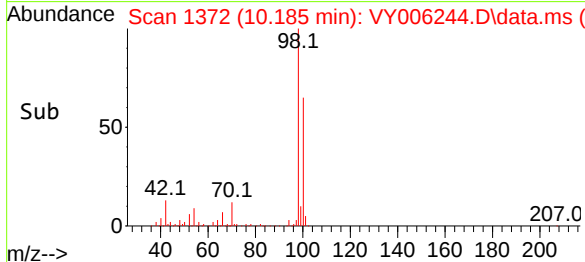
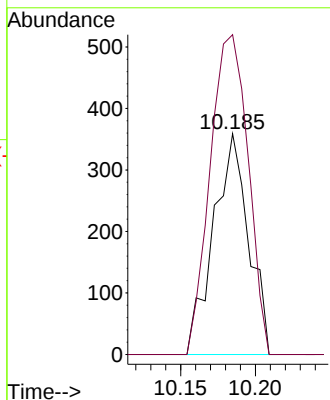
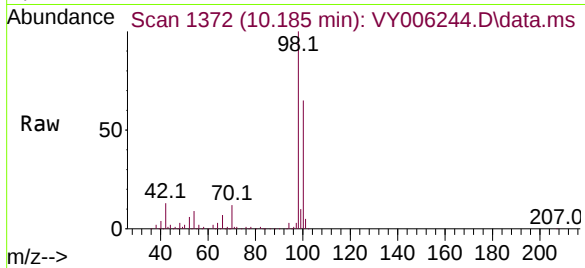




#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

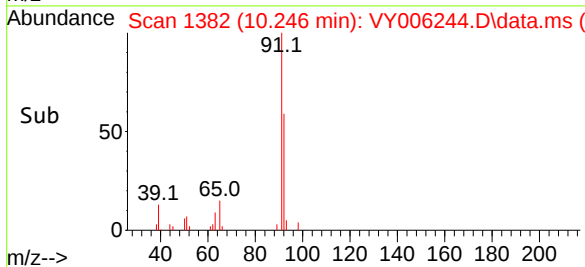
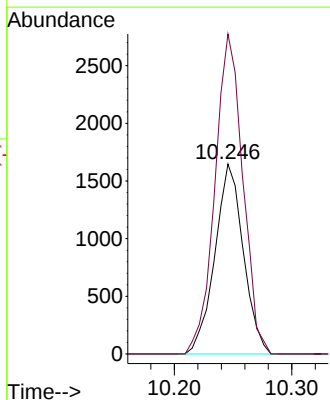
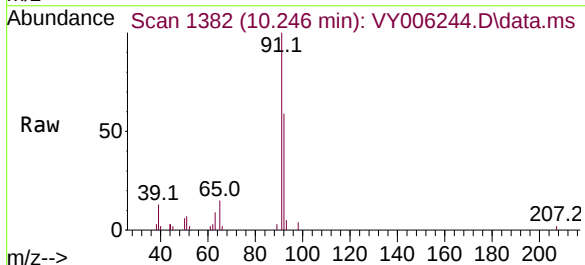
Instrument :
MSVOA_Y
ClientSampled :

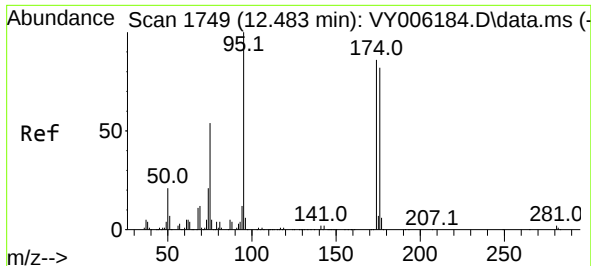
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 157.4 28.1 42.1#



#52
Toluene
Concen: 1.691 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion: 92 Resp: 2773
Ion Ratio Lower Upper
92 100
91 165.2 142.6 213.8

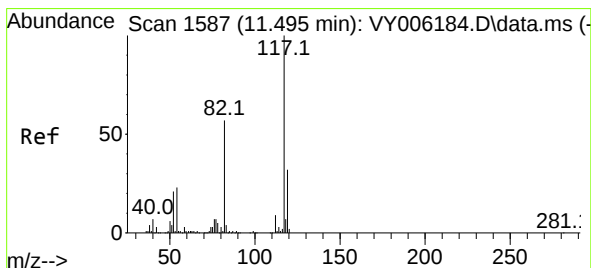
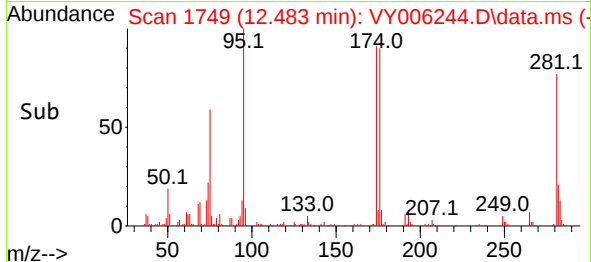
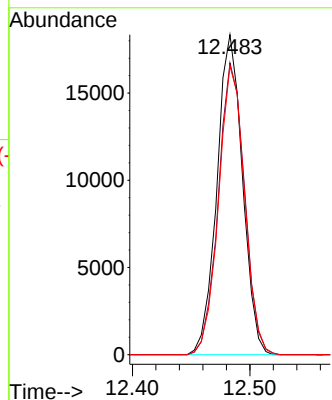
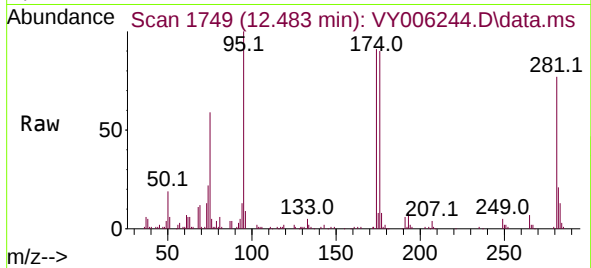




#62
4-Bromofluorobenzene
Concen: 38.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

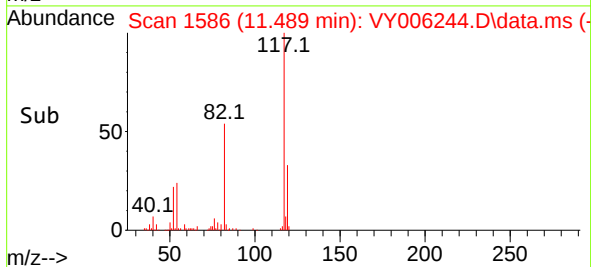
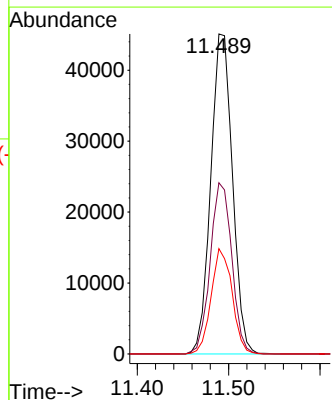
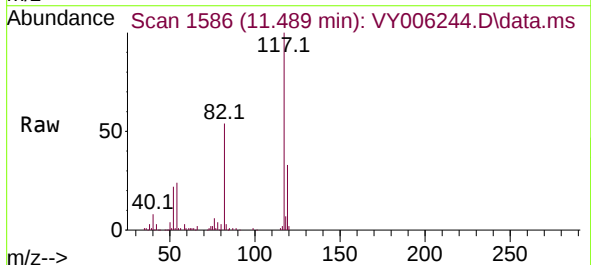
Instrument :
MSVOA_Y
ClientSampleId :

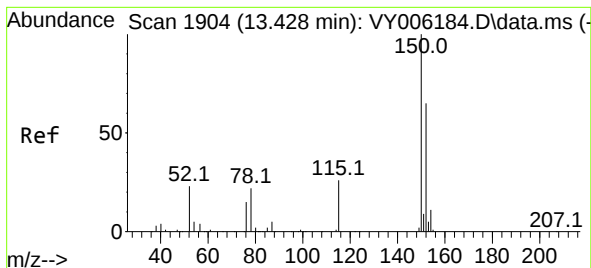
Tgt Ion:	95	Resp:	27733
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	177.0
176	91.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

Tgt Ion:	117	Resp:	74560
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.0	64.4
119	32.9	25.4	38.0

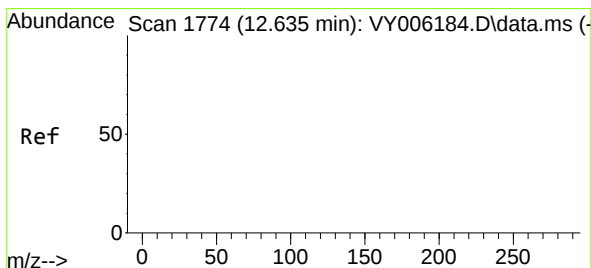
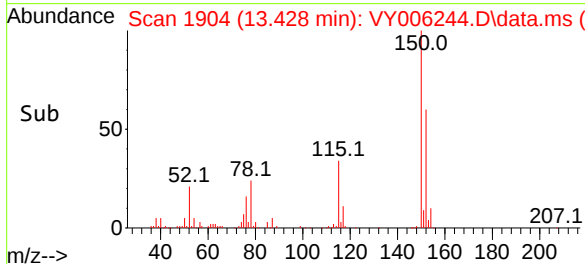
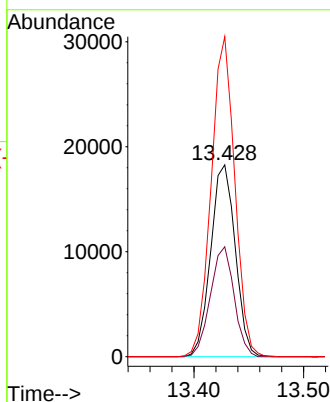
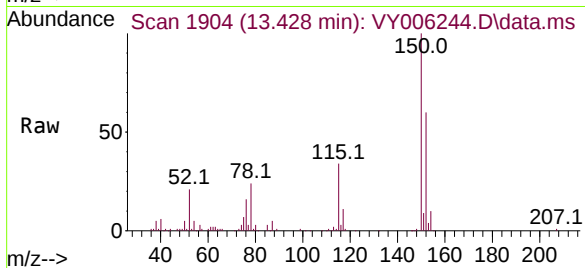




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

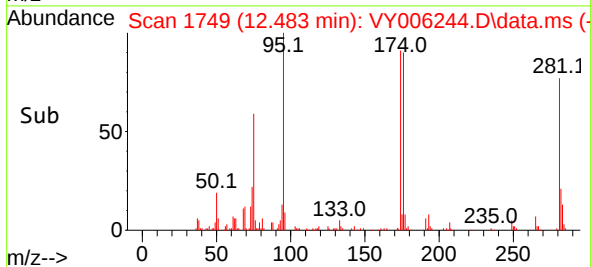
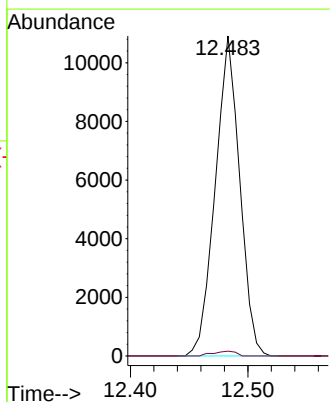
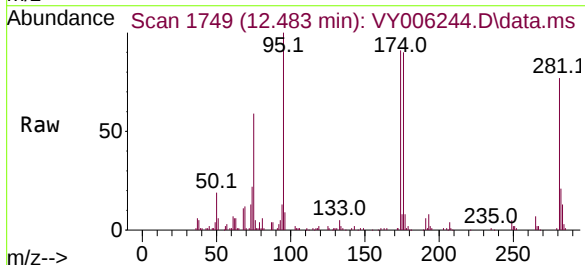
Instrument :
MSVOA_Y
ClientSampled :

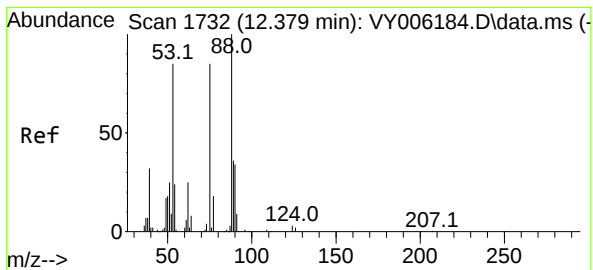
Tgt Ion:152 Resp: 28499
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 159.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 56.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006244.D
Acq: 30 Sep 2021 16:51

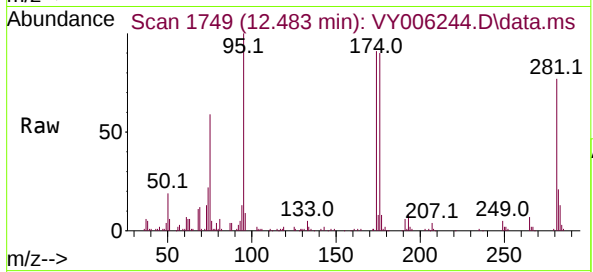
Tgt Ion: 75 Resp: 15756
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.781 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006244.D
 Acq: 30 Sep 2021 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	15756
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.5	37.0	55.4#

