

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006488.D
 Acq On : 26 Oct 2021 17:58
 Operator : SY/MD
 Sample : M4336-07
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

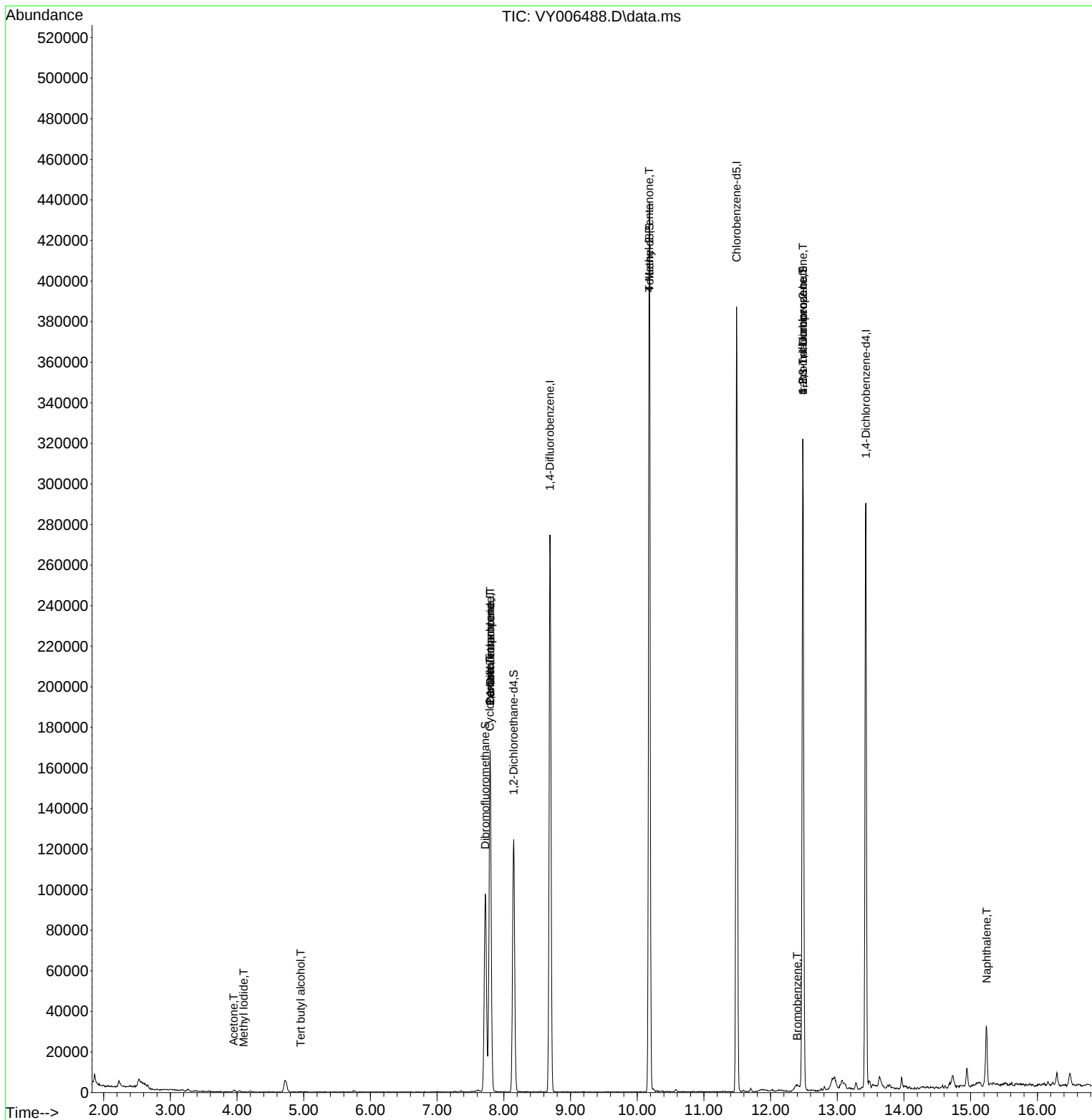
Quant Time: Oct 27 05:27:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101571	65.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.400%	
35) Dibromofluoromethane	7.722	113	65502	54.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.185	98	275696	54.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.483	95	79441	46.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	180	5.191	ug/l #	48
11) Tert butyl alcohol	4.954	59	497	3.539	ug/l #	72
16) Acetone	3.948	43	1500	3.369	ug/l	96
20) Methylene Chloride	4.722	84	4093	Below Cal		94
31) Cyclohexane	7.789	56	3057	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10913	5.163	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12704	5.448	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1536	1.129	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46749	65.813	ug/l #	100
77) Bromobenzene	12.398	156	2268	1.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	46749	135.112	ug/l #	7
95) Naphthalene	15.239	128	22703	8.785	ug/l	99

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

Quant Time: Oct 27 05:27:09 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

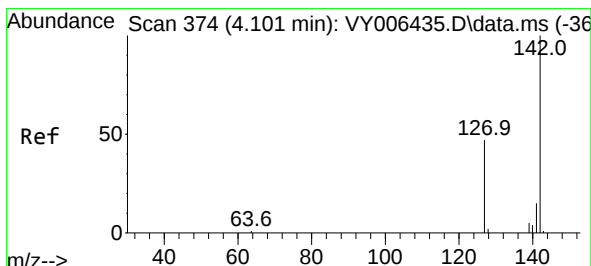
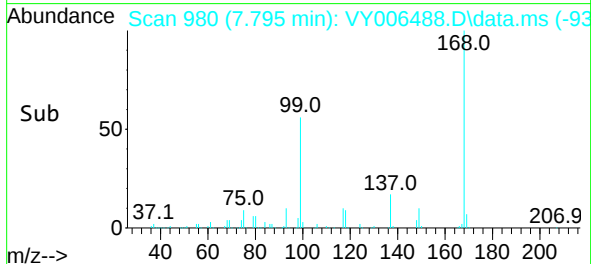
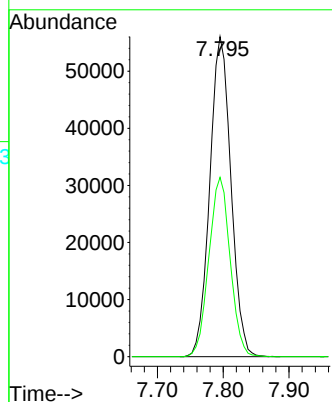
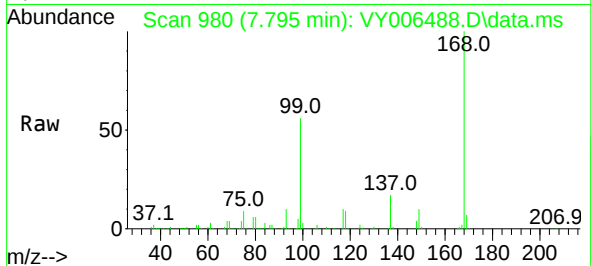




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

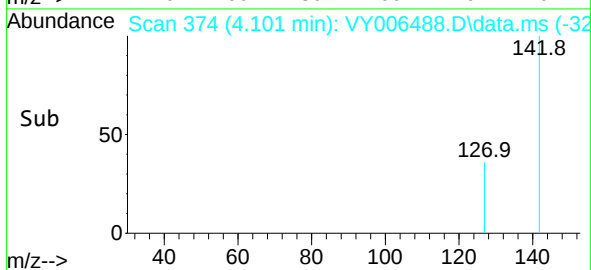
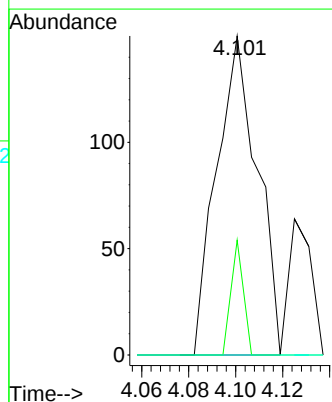
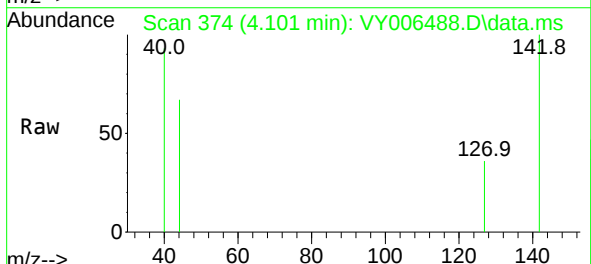
Instrument :
MSVOA_Y
ClientSampleId :

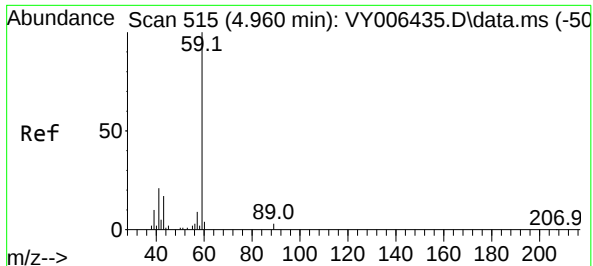
Tgt Ion:168 Resp: 125636
Ion Ratio Lower Upper
168 100
99 56.1 44.8 67.2



#10
Methyl Iodide
Concen: 5.191 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 11.1 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.539 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

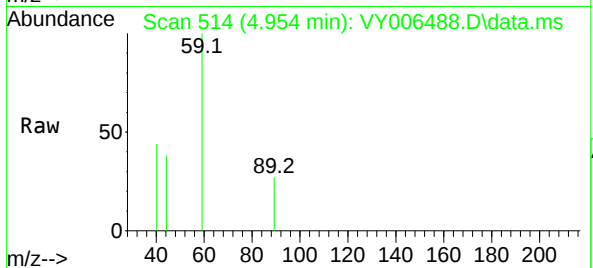
Lab File: VY006488.D

Acq: 26 Oct 2021 17:58

Instrument :

MSVOA_Y

ClientSampleId :

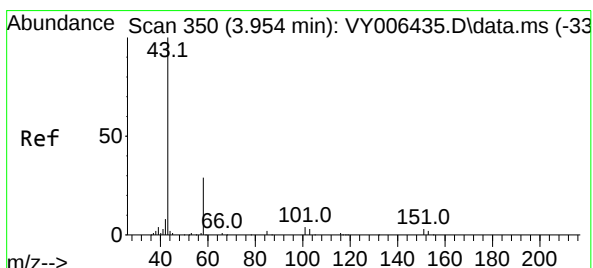
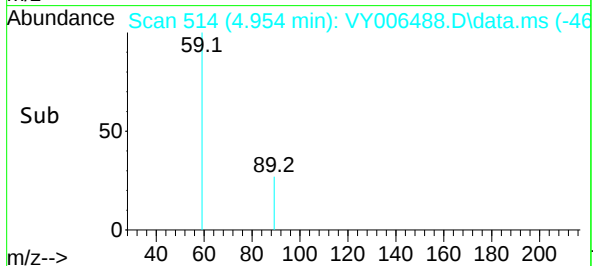
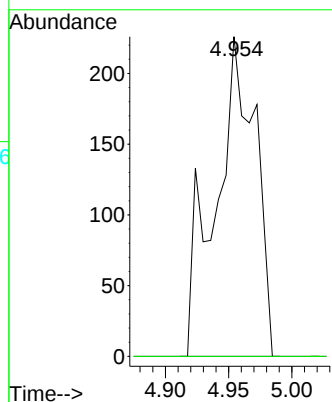


Tgt Ion: 59 Resp: 497

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 3.369 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006488.D

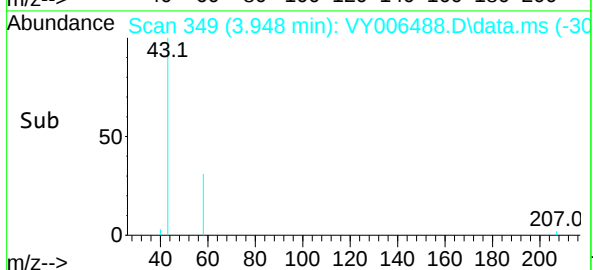
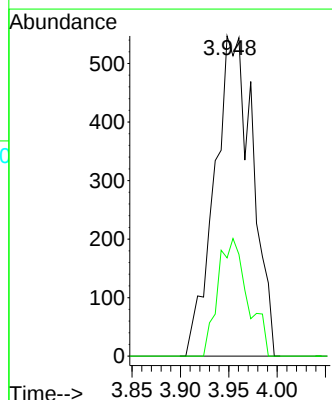
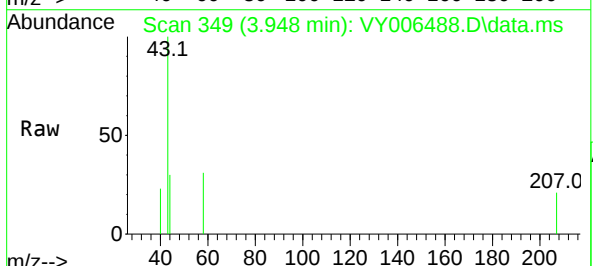
Acq: 26 Oct 2021 17:58

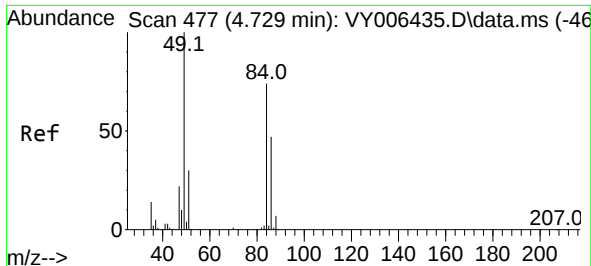
Tgt Ion: 43 Resp: 1500

Ion Ratio Lower Upper

43 100

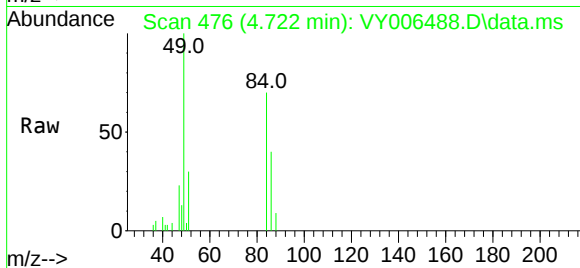
58 30.7 22.9 34.3





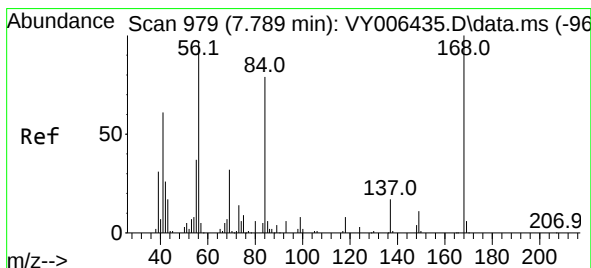
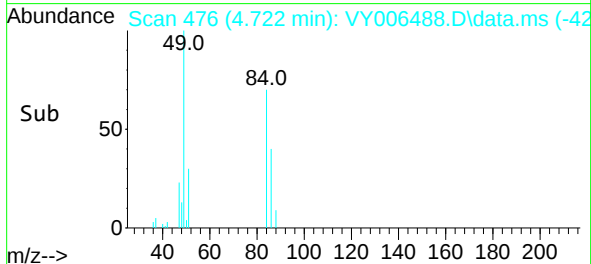
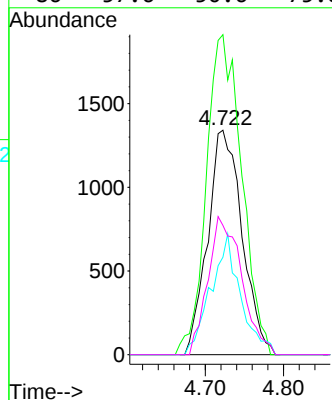
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4093

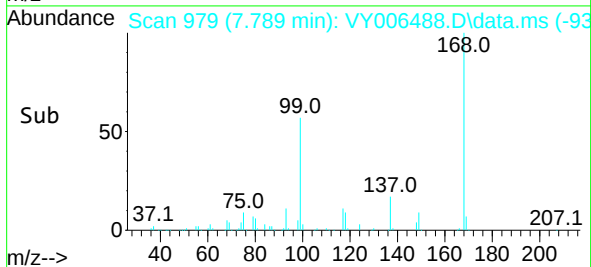
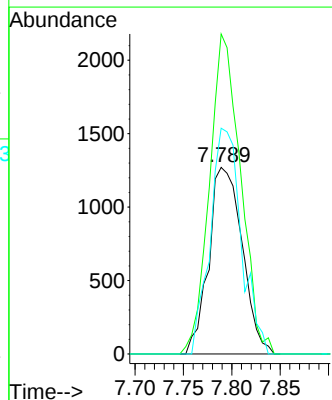
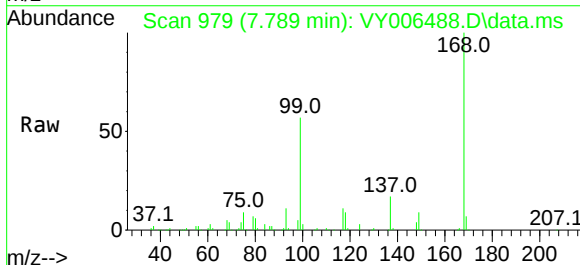
Ion	Ratio	Lower	Upper
84	100		
49	142.6	107.8	161.8
51	43.4	32.8	49.2
86	57.6	50.6	75.8

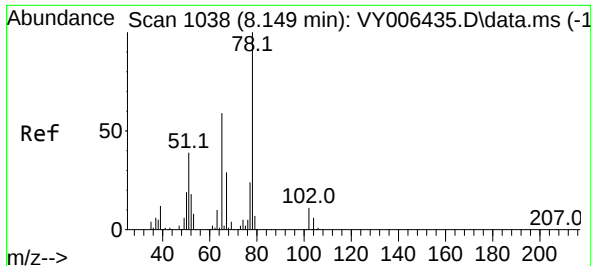


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 56 Resp: 3057

Ion	Ratio	Lower	Upper
56	100		
69	171.4	26.6	40.0#
84	120.9	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 65.698 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006488.D

Acq: 26 Oct 2021 17:58

Instrument :

MSVOA_Y

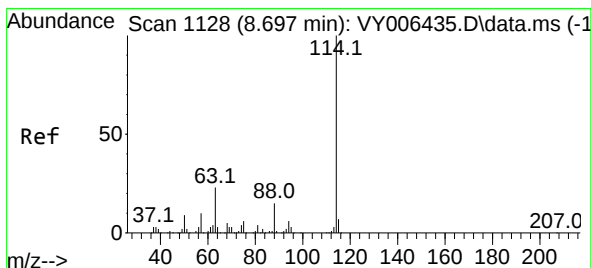
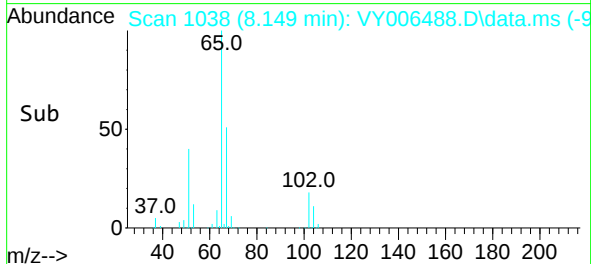
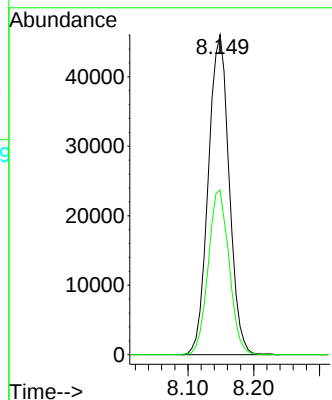
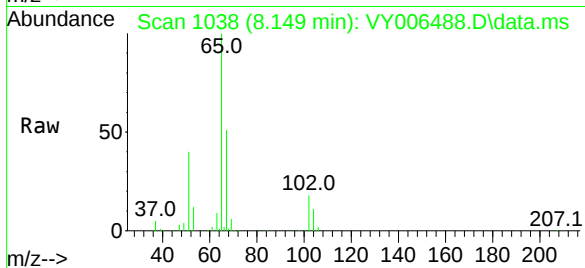
ClientSampleId :

Tgt Ion: 65 Resp: 101571

Ion Ratio Lower Upper

65 100

67 51.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006488.D

Acq: 26 Oct 2021 17:58

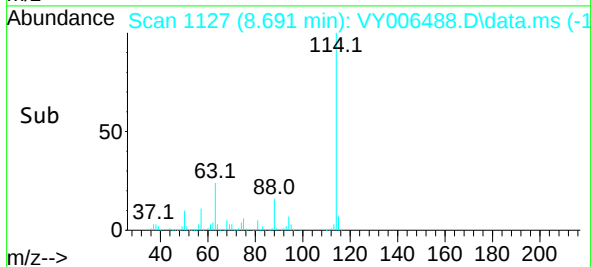
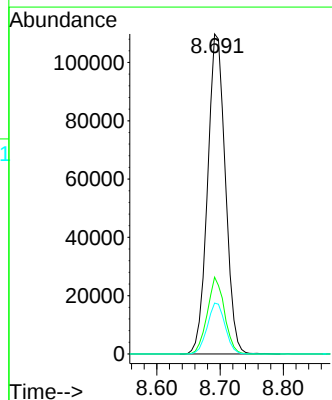
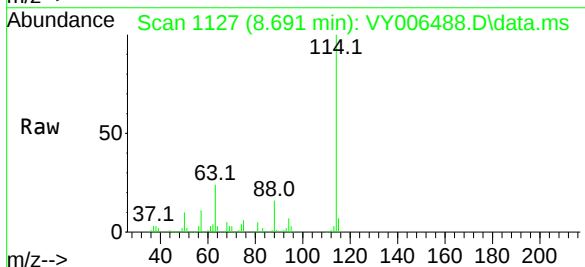
Tgt Ion: 114 Resp: 213924

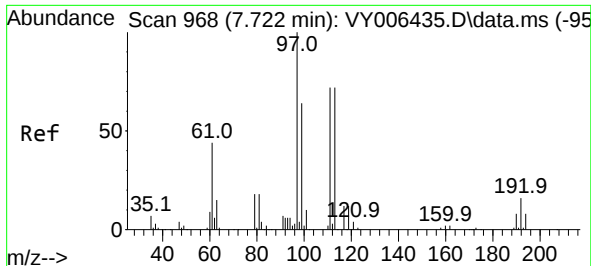
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

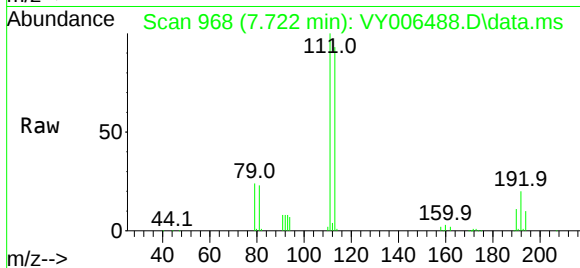
88 15.9 0.0 30.6



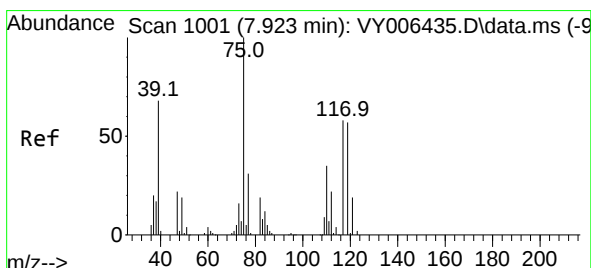
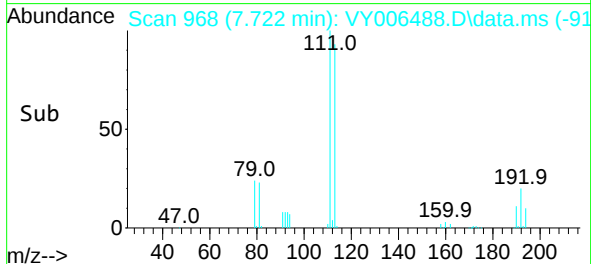
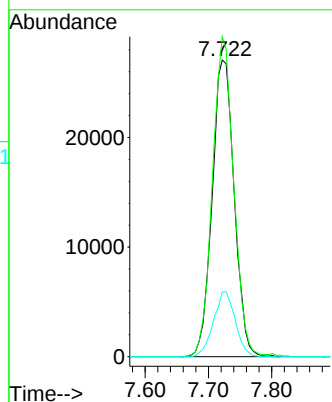


#35
Dibromofluoromethane
Concen: 54.935 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :

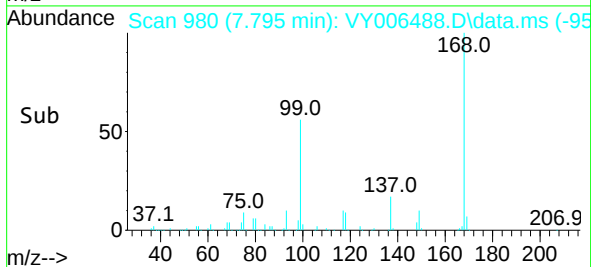
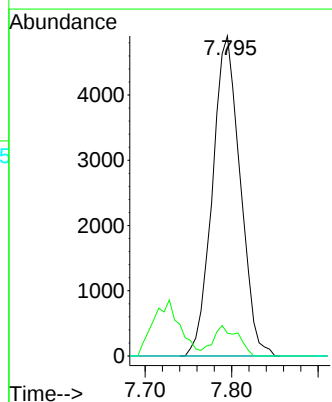
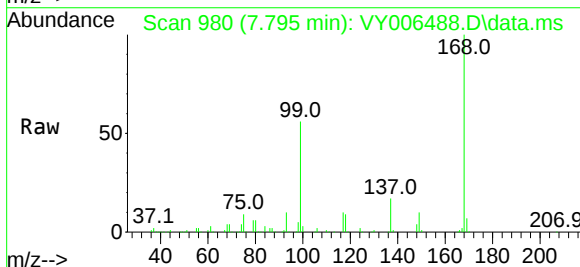


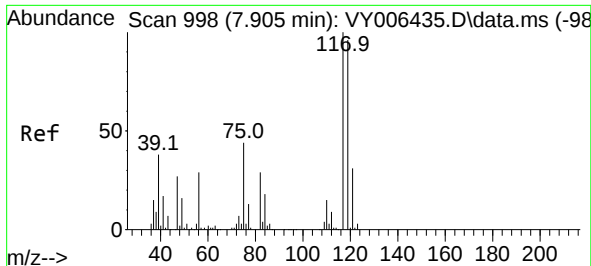
Tgt Ion:113 Resp: 65502
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 21.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

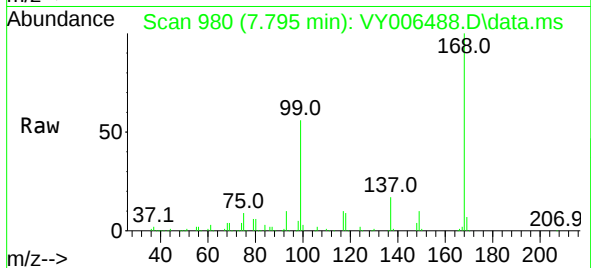
Tgt Ion: 75 Resp: 10913
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.3#
77 0.0 24.9 37.3#



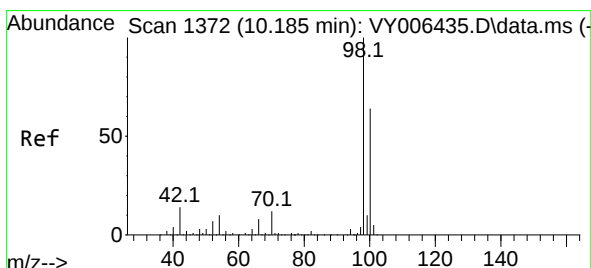
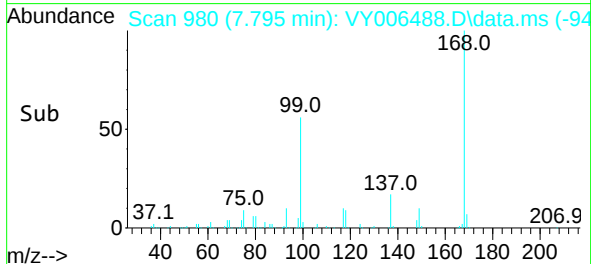
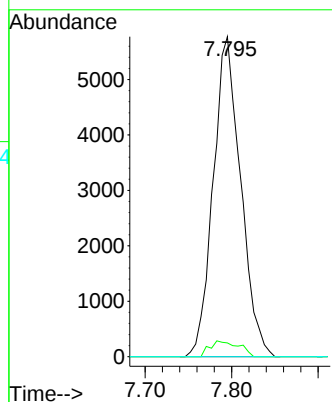


#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :

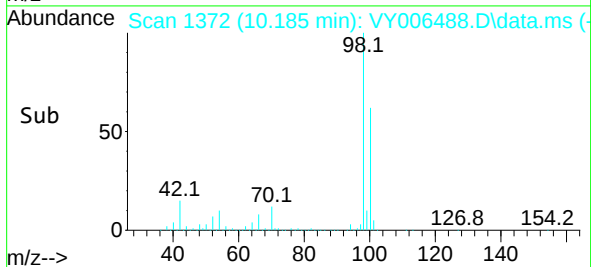
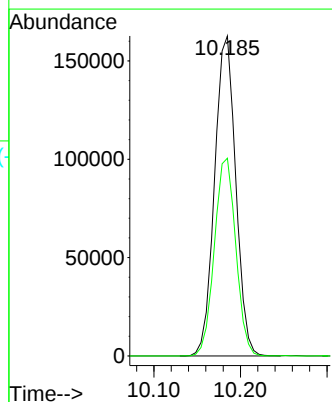
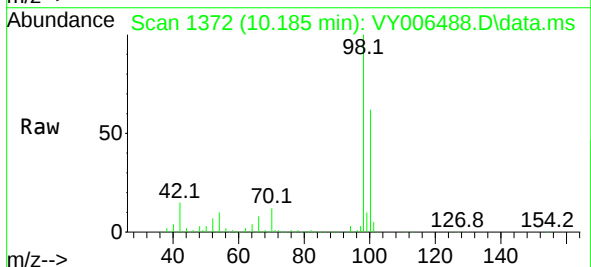


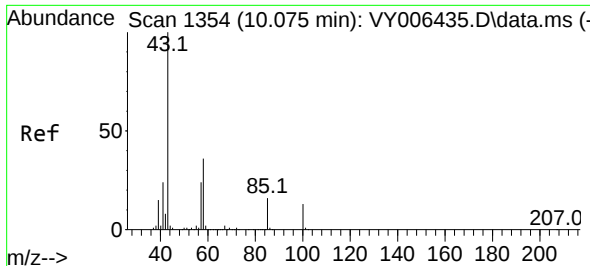
Tgt Ion:117 Resp: 12704
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.544 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 98 Resp: 275696
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

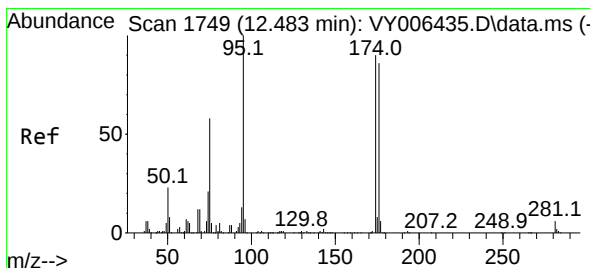
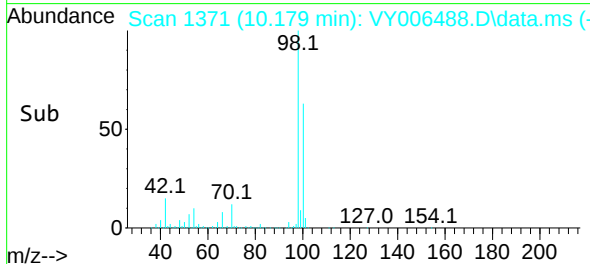
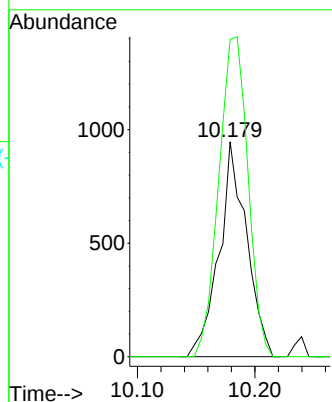
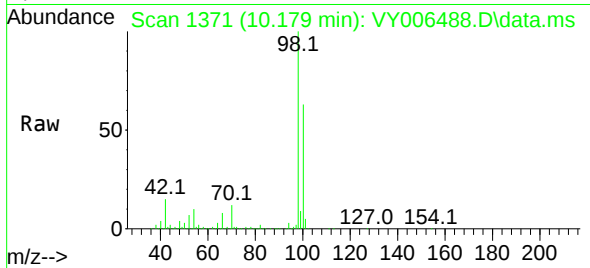




#51
4-Methyl-2-Pentanone
Concen: 1.129 ug/l
RT: 10.179 min Scan# 1354
Delta R.T. 0.104 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

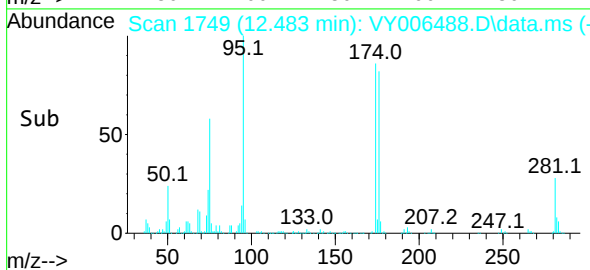
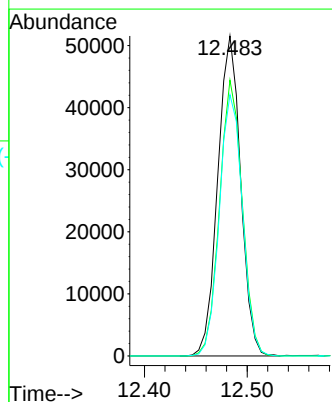
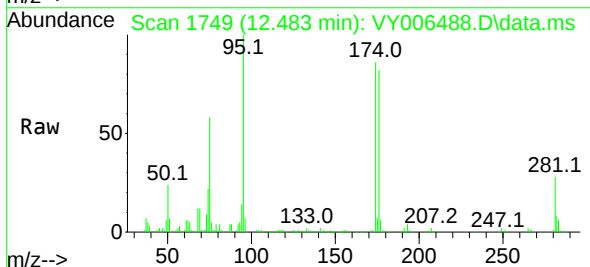
Instrument :
MSVOA_Y
ClientSampleId :

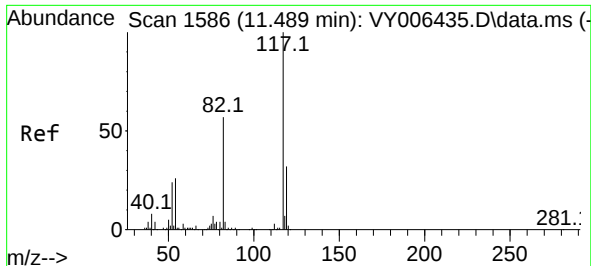
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 158.2 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 46.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 95 Resp: 79441
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.7 0.0 169.4

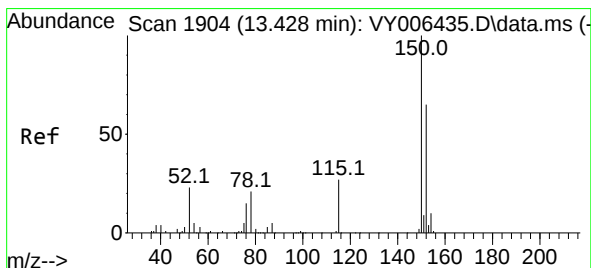
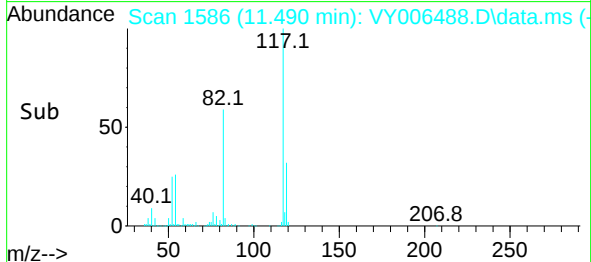
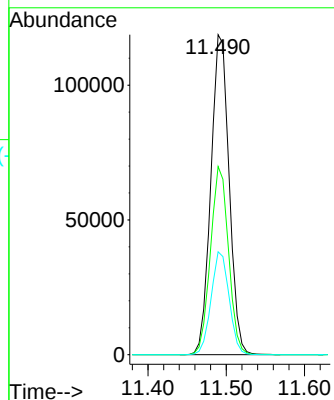
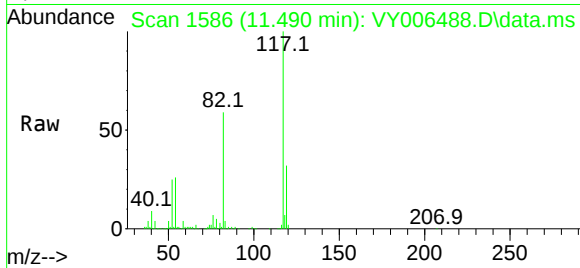




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

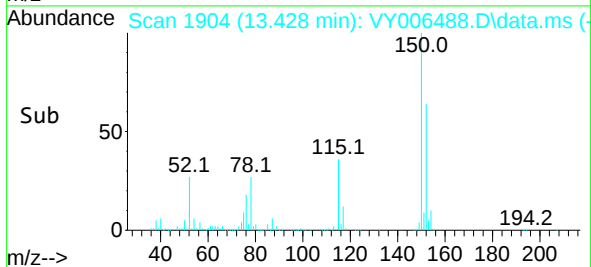
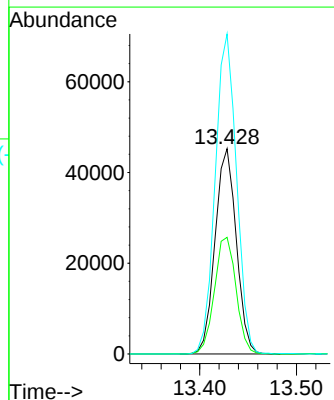
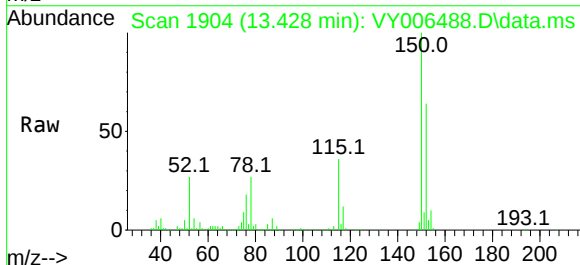
Instrument :
MSVOA_Y
ClientSampleId :

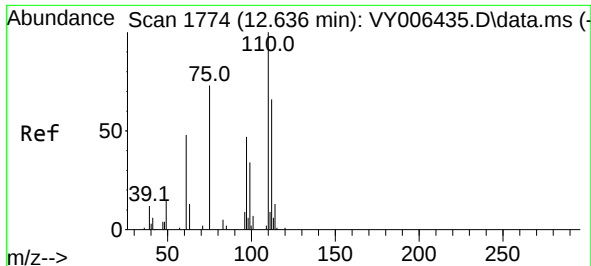
Tgt Ion:117 Resp: 191921
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion:152 Resp: 68932
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 156.2 0.0 348.2

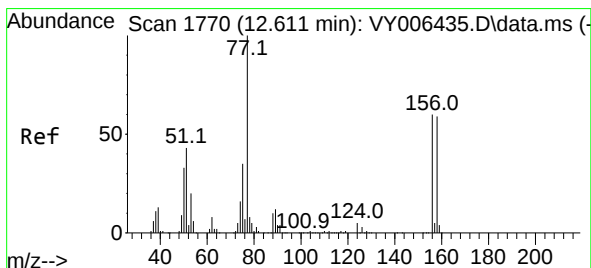
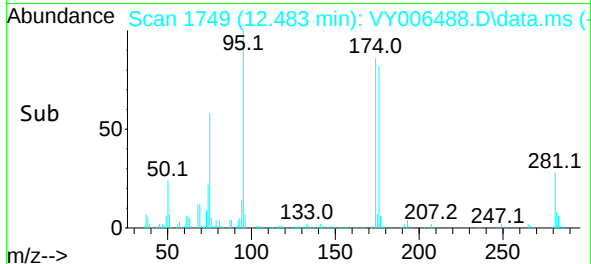
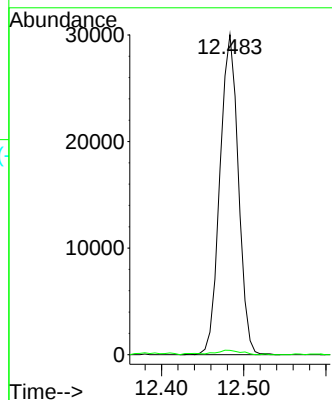
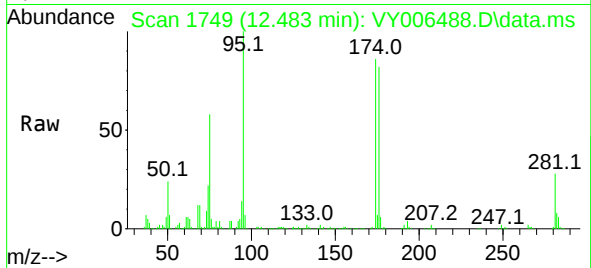




#76
1,2,3-Trichloropropane
Concen: 65.813 ug/l
RT: 12.483 min Scan# 1774
Delta R.T. -0.152 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

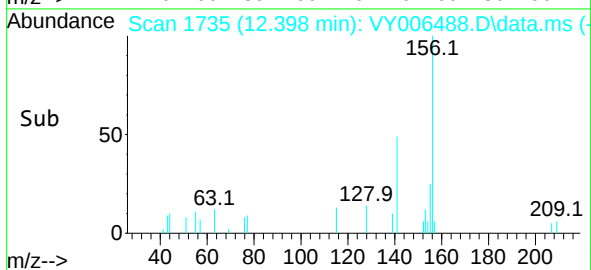
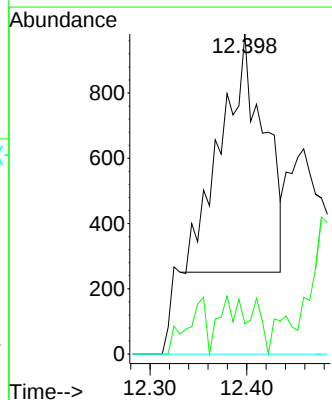
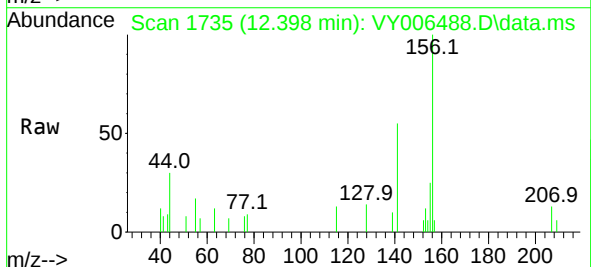
Instrument :
MSVOA_Y
ClientSampleId :

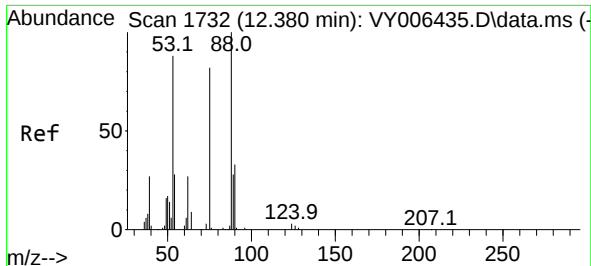
Tgt Ion: 75 Resp: 46749
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#77
Bromobenzene
Concen: 1.996 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.213 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 156 Resp: 2268
Ion Ratio Lower Upper
156 100
77 12.3 94.2 282.4#
158 0.0 48.6 145.8#

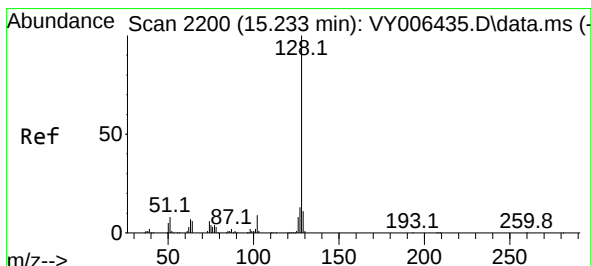
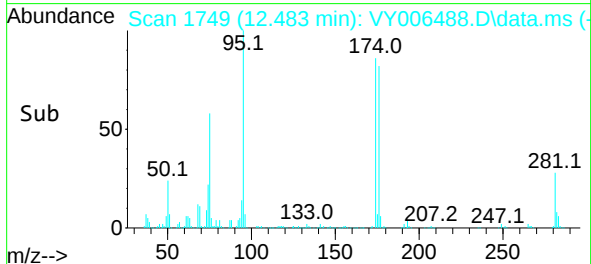
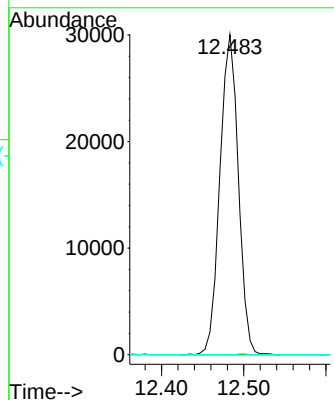
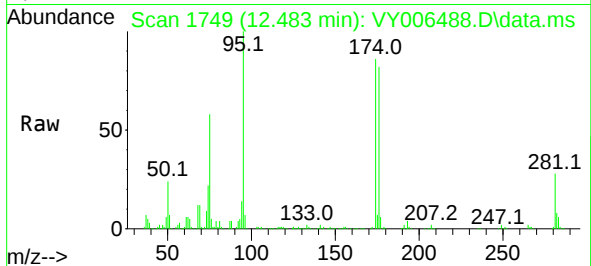




#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.112 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006488.D
 Acq: 26 Oct 2021 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 46749
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.1 39.3 58.9#



#95
 Naphthalene
 Concen: 8.785 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.006 min
 Lab File: VY006488.D
 Acq: 26 Oct 2021 17:58

Tgt Ion:128 Resp: 22703
 Ion Ratio Lower Upper
 128 100
 127 13.5 11.0 16.4
 129 10.8 8.9 13.3

