

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005764.D
 Acq On : 19 Aug 2021 13:15
 Operator : SY/MD
 Sample : M3414-08RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:55:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

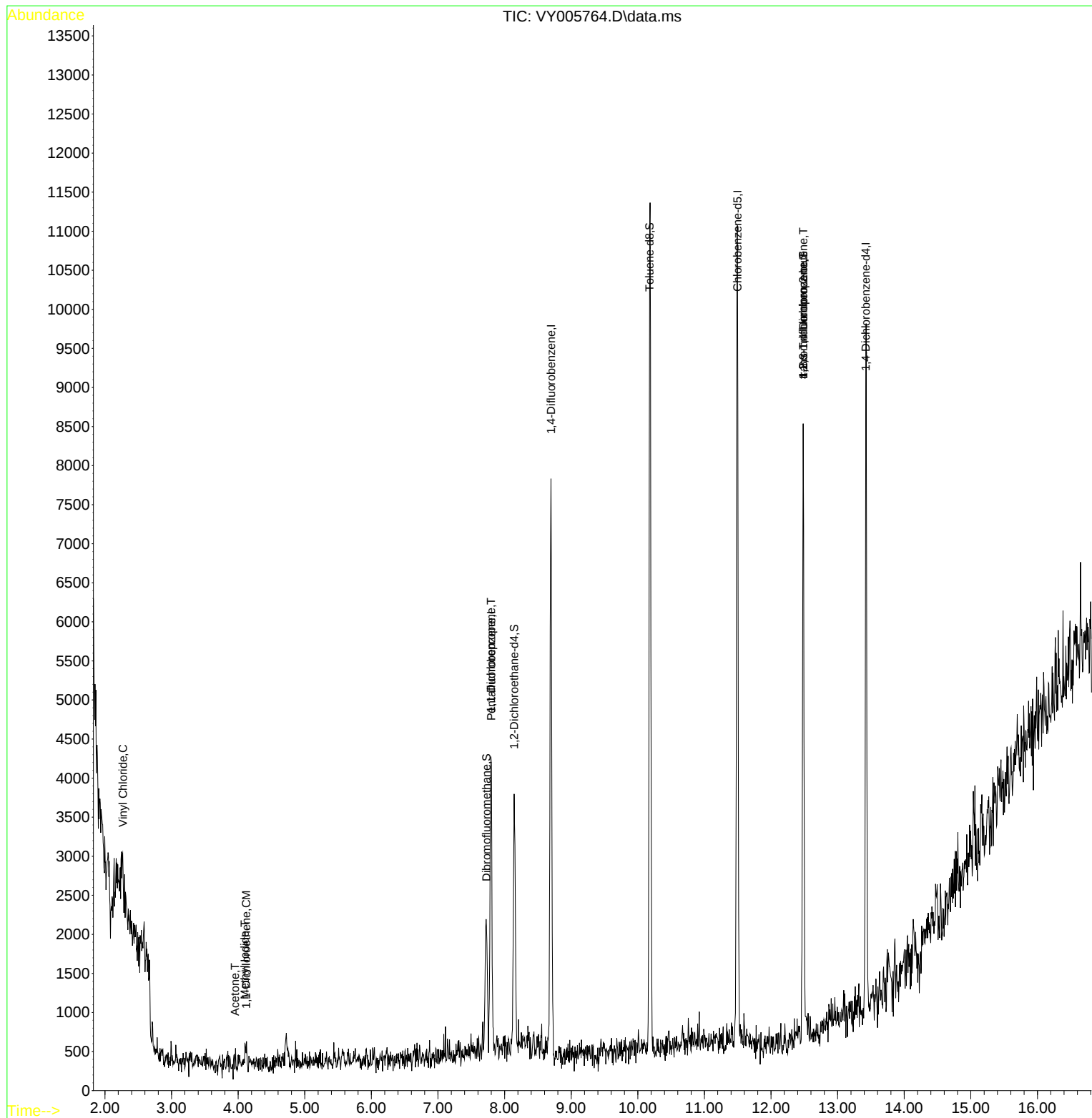
Internal Standards						
1) Pentafluorobenzene	7.801	168	3465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	6114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2705	77.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.240%	
35) Dibromofluoromethane	7.728	113	1331	38.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.760%	
50) Toluene-d8	10.179	98	7644	53.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.483	95	2270	47.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.500%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.272	62	192	4.715	ug/l #	42
10) Methyl Iodide	4.101	142	275	7.464	ug/l #	48
12) 1,1-Dichloroethene	4.119	96	45	1.507	ug/l #	1
16) Acetone	3.954	43	58	6.559	ug/l #	45
20) Methylene Chloride	4.722	84	139	Below Cal	#	68
36) 1,1-Dichloropropene	7.795	75	241	4.203	ug/l #	41
76) 1,2,3-Trichloropropane	12.483	75	1339	59.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1339	120.034	ug/l #	11

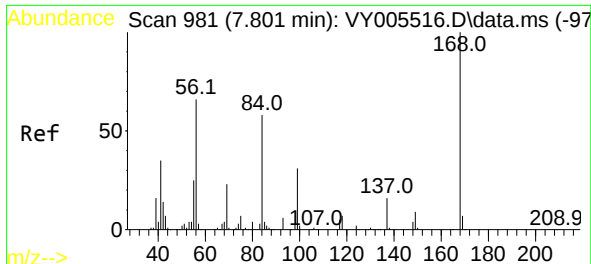
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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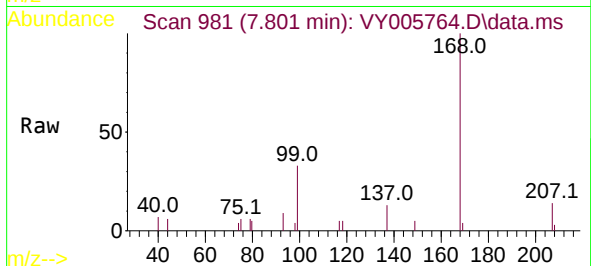
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration



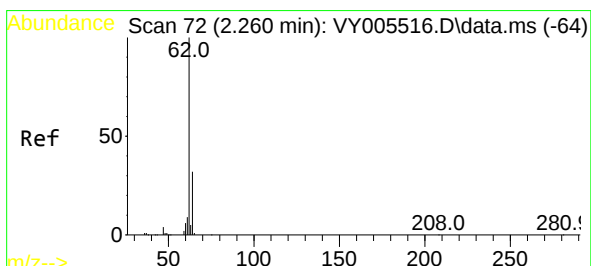
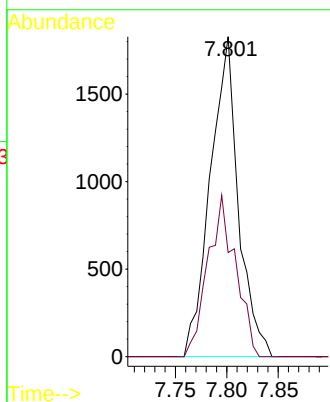
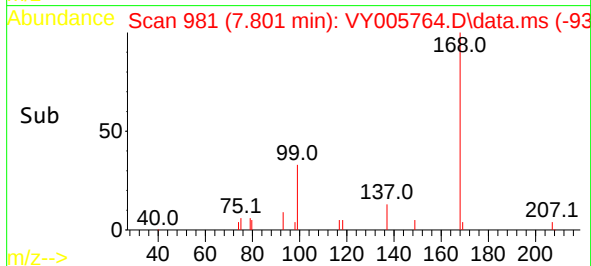


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Instrument :
MSVOA_Y
ClientSampled :

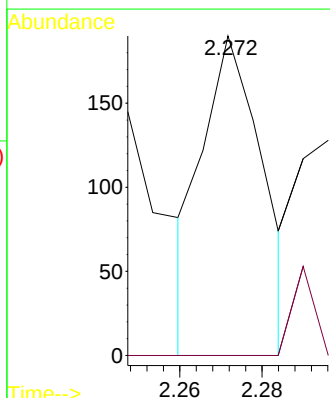
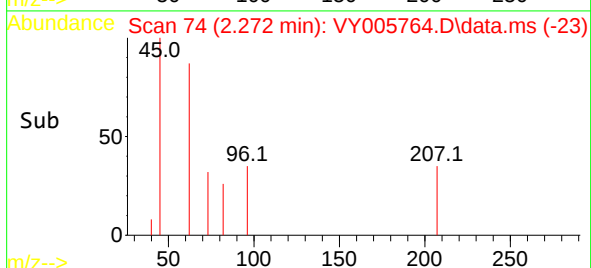
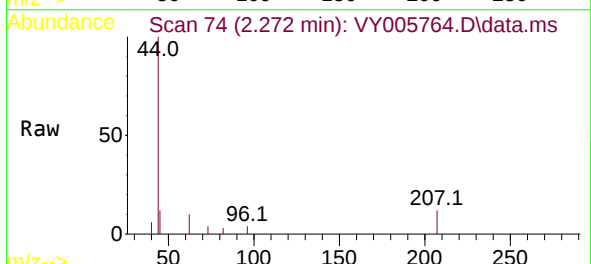


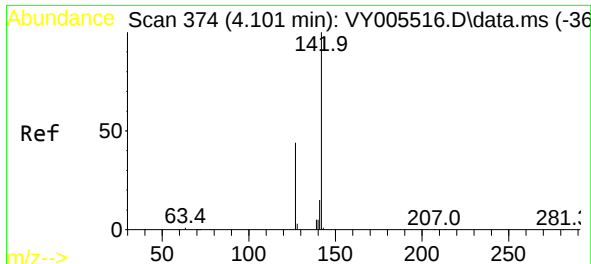
Tgt Ion:168 Resp: 3465
Ion Ratio Lower Upper
168 100
99 32.5 38.9 58.3#



#4
Vinyl Chloride
Concen: 4.715 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

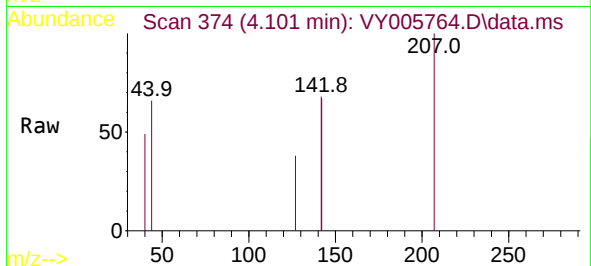
Tgt Ion: 62 Resp: 192
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#



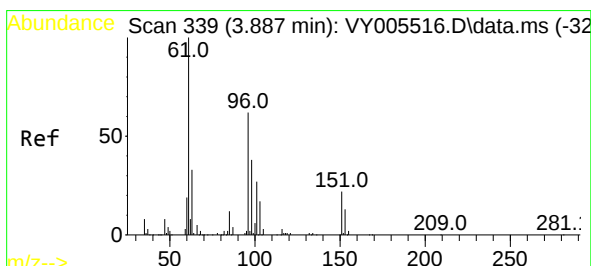
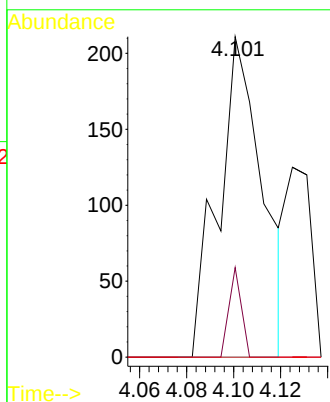
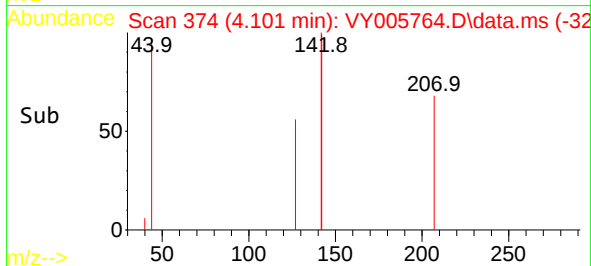


#10
Methyl Iodide
Concen: 7.464 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

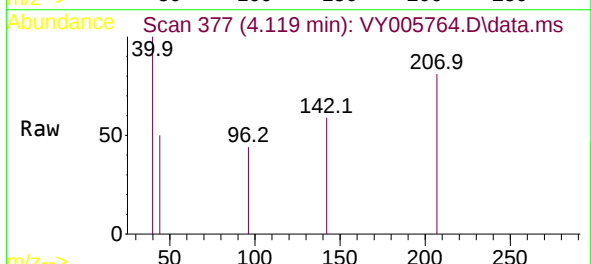
Instrument :
MSVOA_Y
ClientSampled :



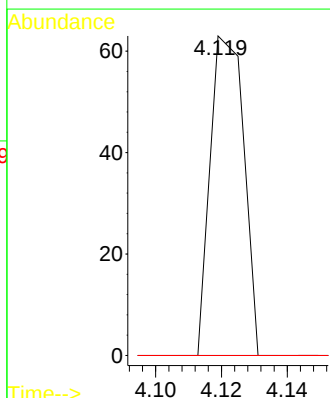
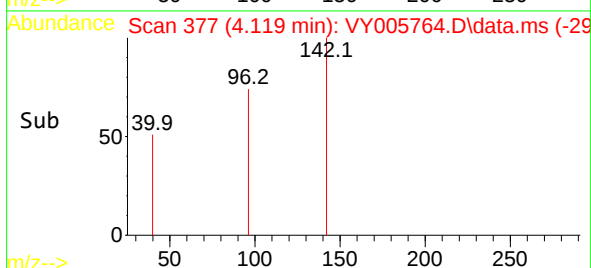
Tgt Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 8.0 36.6 54.8#
141 0.0 12.2 18.4#

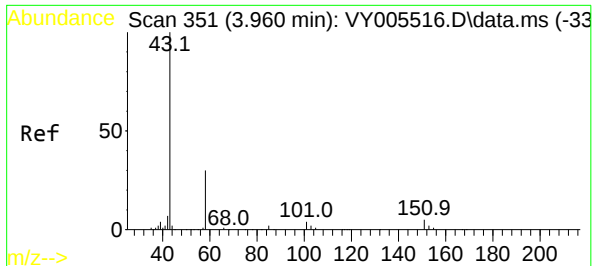


#12
1,1-Dichloroethene
Concen: 1.507 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.232 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15



Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 0.0 128.6 192.8#
98 0.0 49.2 73.8#

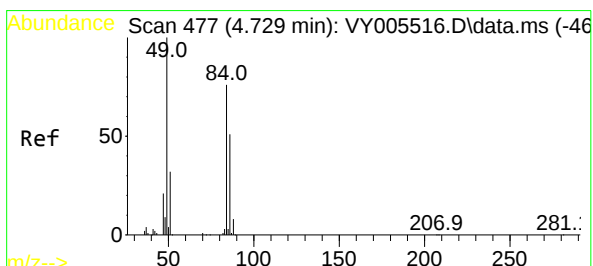
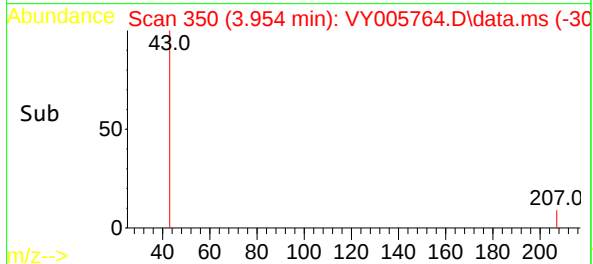
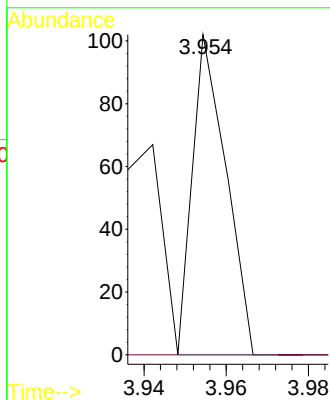
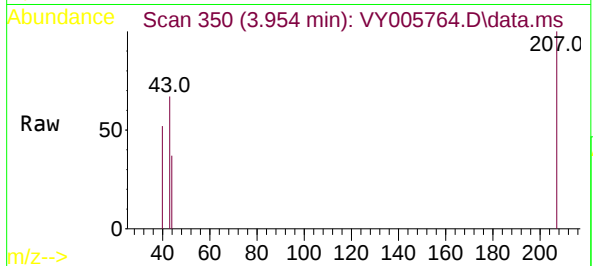




#16
Acetone
Concen: 6.559 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

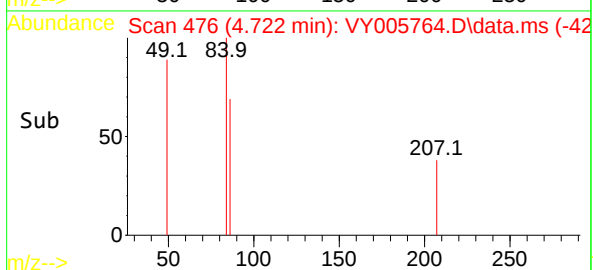
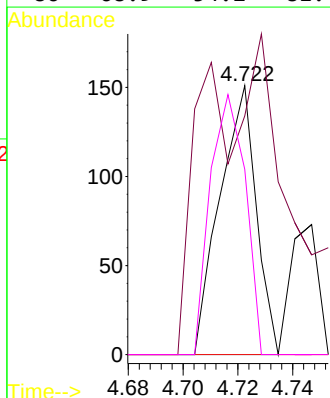
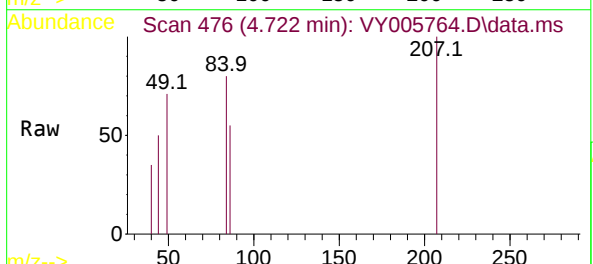
Instrument :
MSVOA_Y
ClientSampled :

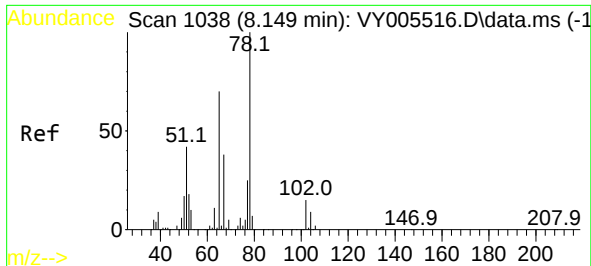
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Tgt Ion: 84 Resp: 139
Ion Ratio Lower Upper
84 100
49 88.7 105.8 158.6#
51 0.0 33.4 50.2#
86 68.9 54.2 81.4

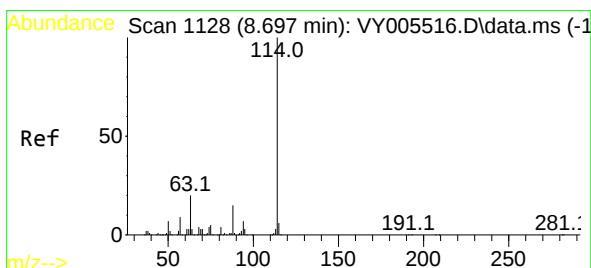
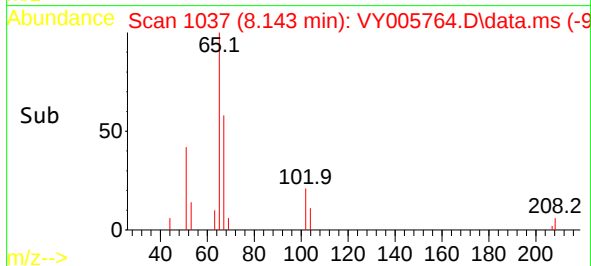
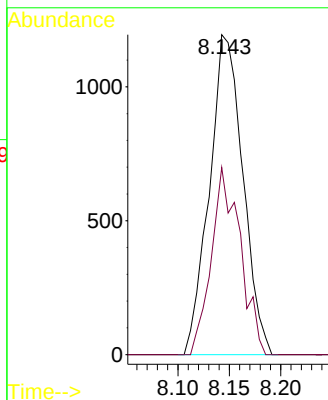
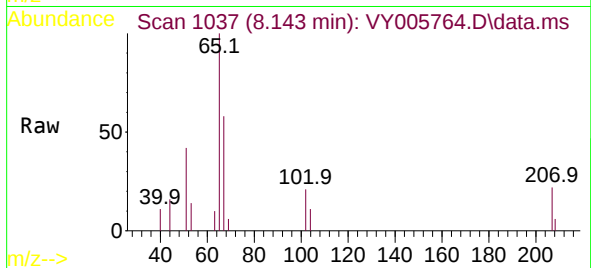




#33
 1,2-Dichloroethane-d4
 Concen: 77.122 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005764.D
 Acq: 19 Aug 2021 13:15

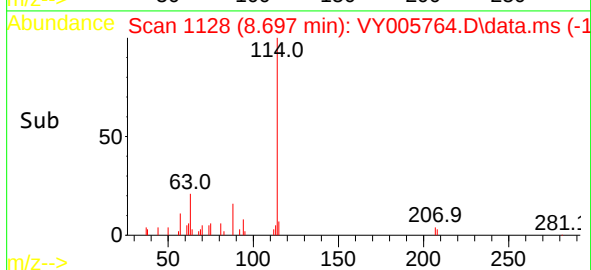
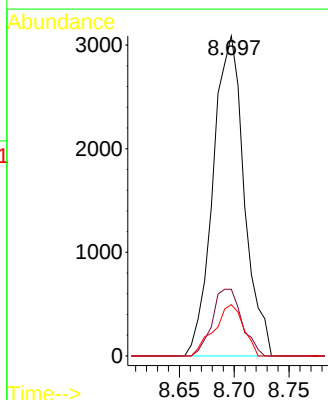
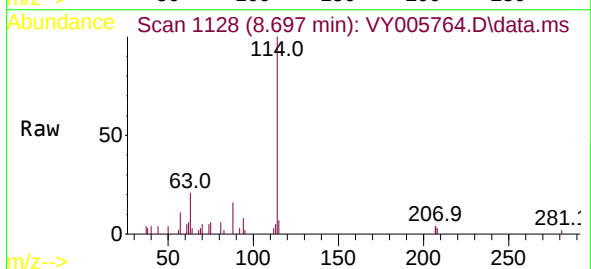
Instrument :
 MSVOA_Y
 ClientSampleId :

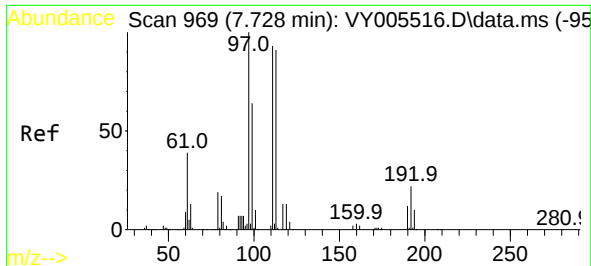
Tgt Ion: 65 Resp: 2705
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005764.D
 Acq: 19 Aug 2021 13:15

Tgt Ion: 114 Resp: 6114
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.0 0.0 30.8

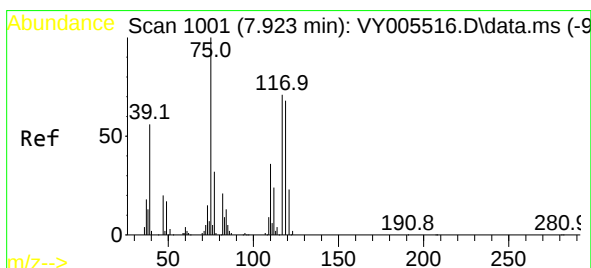
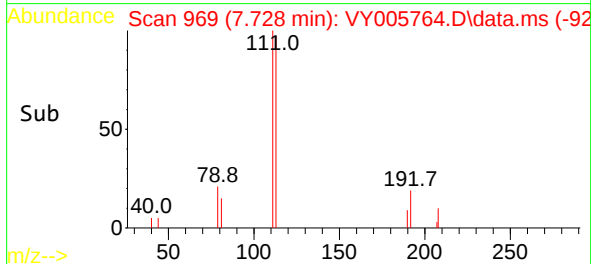
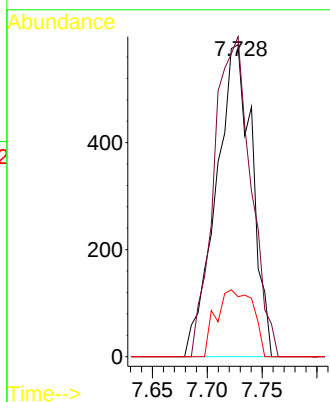
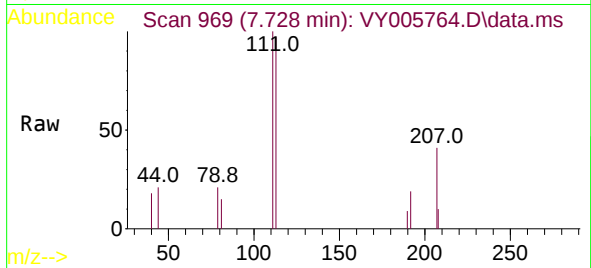




#35
Dibromofluoromethane
Concen: 38.883 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

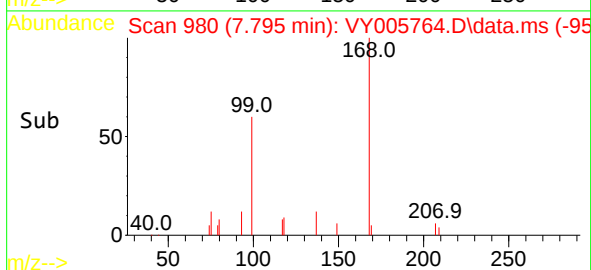
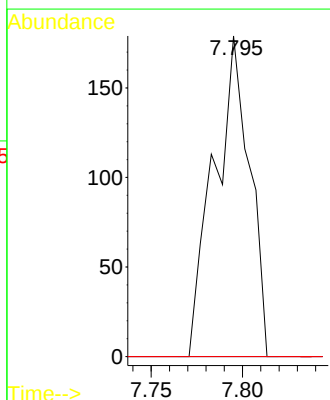
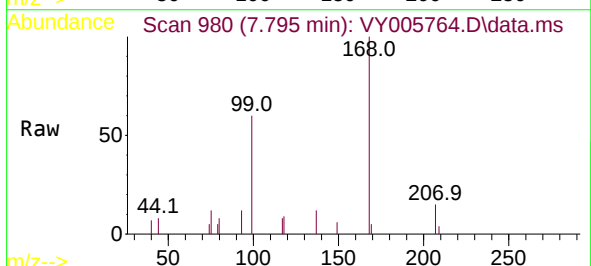
Instrument :
MSVOA_Y
ClientSampled :

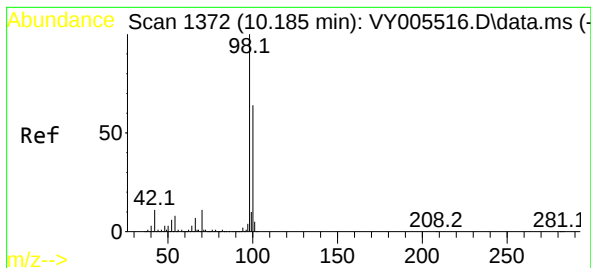
Tgt Ion:113 Resp: 1331
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 21.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Tgt Ion: 75 Resp: 241
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#

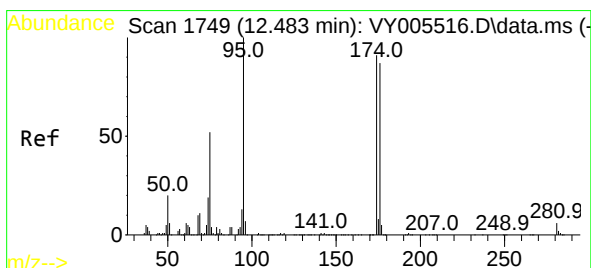
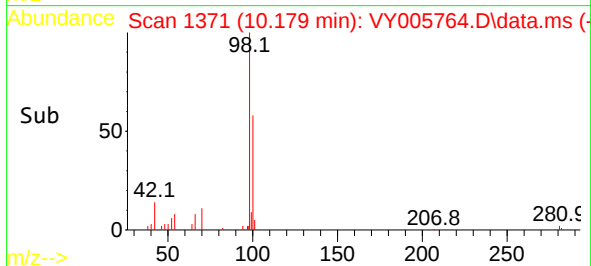
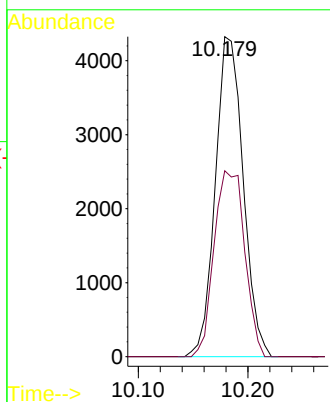
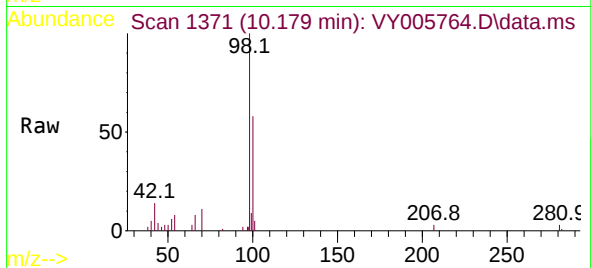




#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

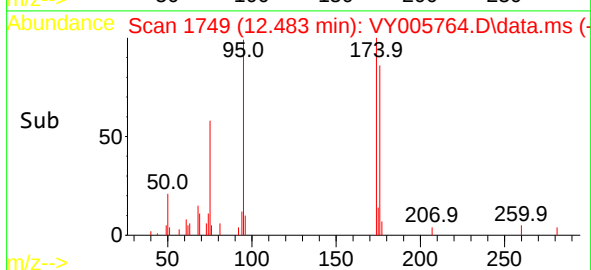
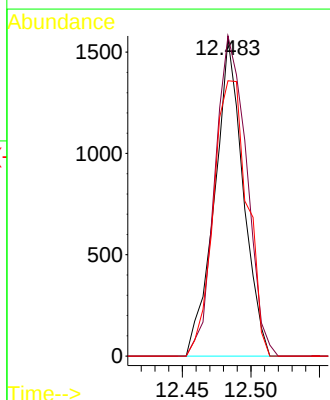
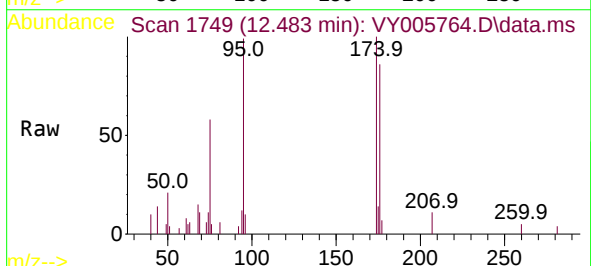
Instrument :
MSVOA_Y
ClientSampleId :

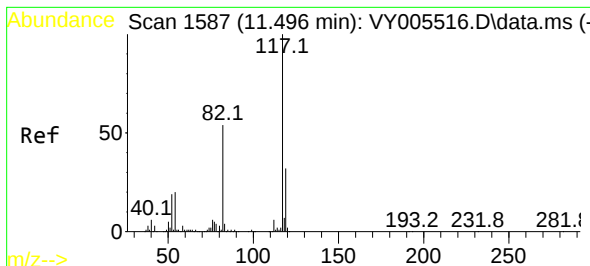
Tgt Ion: 98 Resp: 7644
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.749 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Tgt Ion: 95 Resp: 2270
Ion Ratio Lower Upper
95 100
174 111.9 0.0 191.4
176 102.6 0.0 183.6

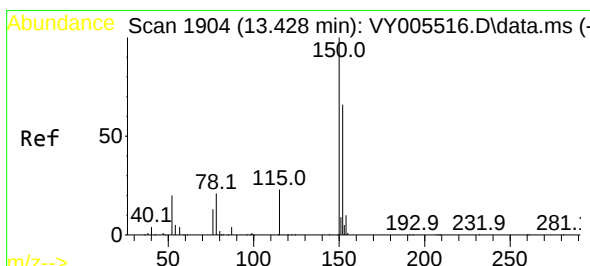
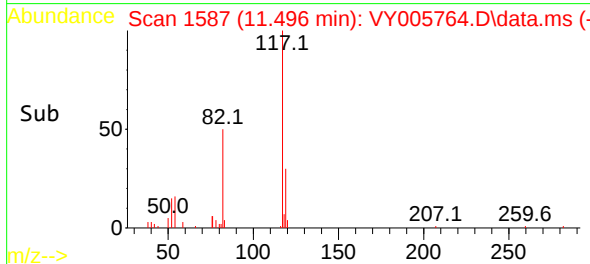
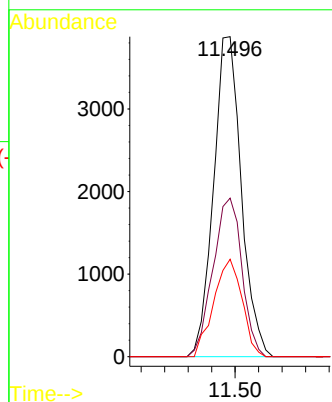
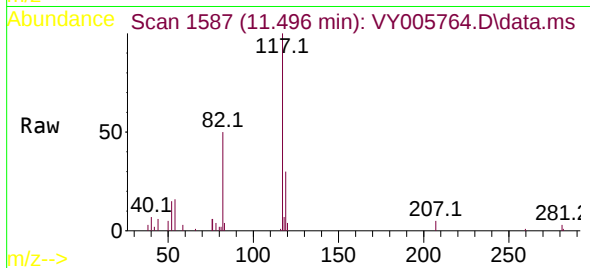




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

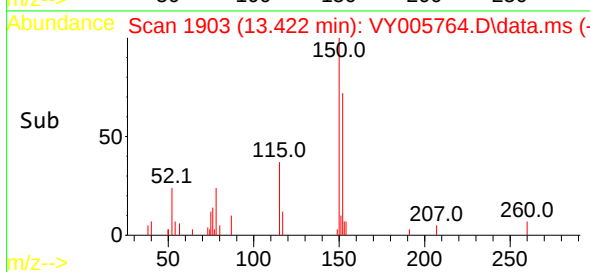
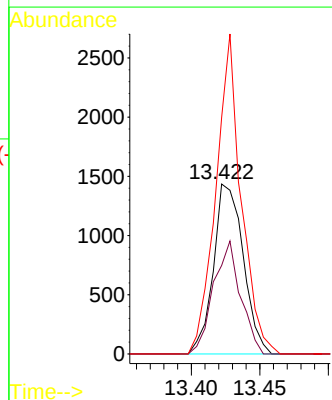
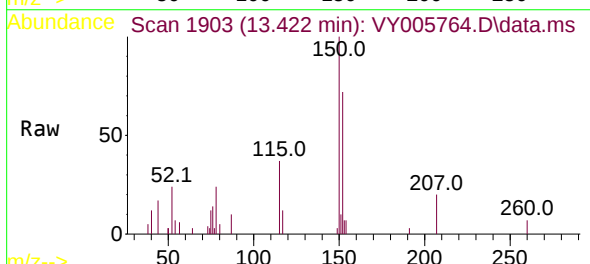
Instrument :
MSVOA_Y
ClientSampleId :

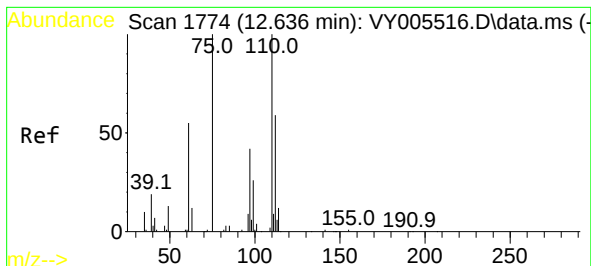
Tgt Ion:	117	Resp:	6358
Ion	Ratio	Lower	Upper
117	100		
82	49.5	43.5	65.3
119	30.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Tgt Ion:	152	Resp:	2170
Ion	Ratio	Lower	Upper
152	100		
115	60.4	27.3	81.9
150	160.1	0.0	350.2

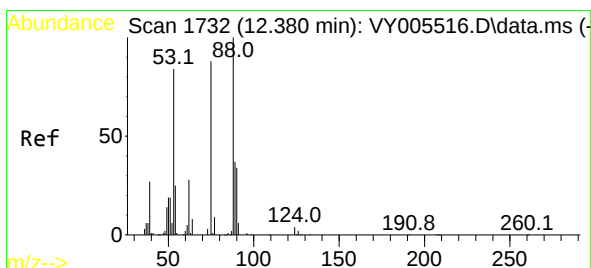
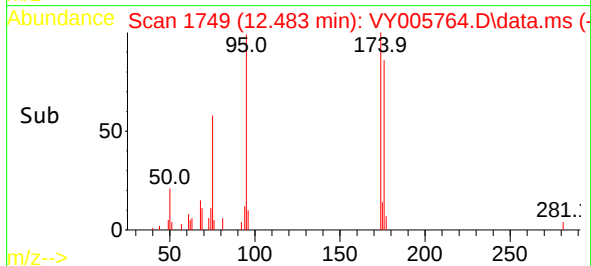
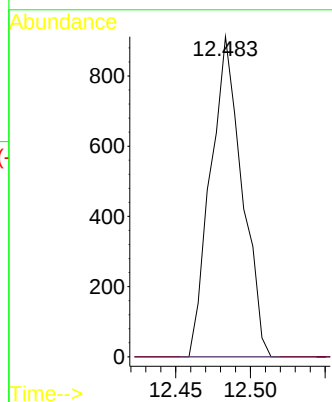
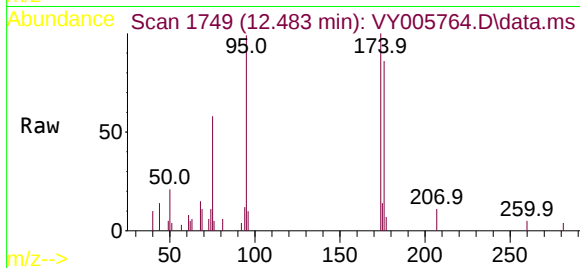




#76
1,2,3-Trichloropropane
Concen: 59.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 120.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005764.D
Acq: 19 Aug 2021 13:15

Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

