

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005752.D
 Acq On : 18 Aug 2021 20:00
 Operator : SY/MD
 Sample : M3414-08
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:19:25 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)

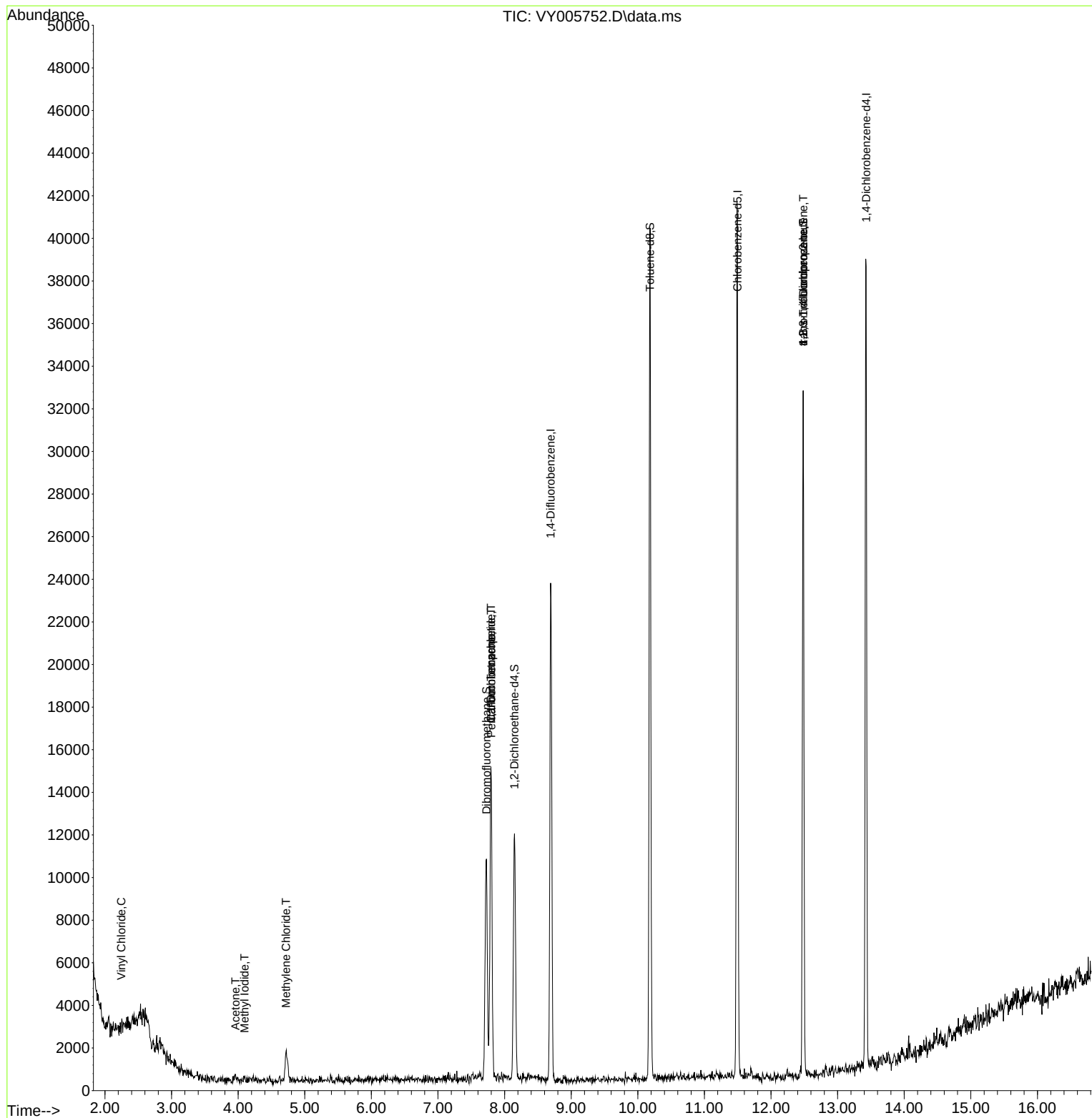
Internal Standards						
1) Pentafluorobenzene	7.801	168	11946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	22670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	9652	79.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.640%	
35) Dibromofluoromethane	7.728	113	7006	62.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.200%	
50) Toluene-d8	10.185	98	26014	55.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.483	95	9233	59.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.800%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	265	1.888	ug/l #	42
10) Methyl Iodide	4.094	142	200	1.575	ug/l #	39
16) Acetone	3.960	43	460	15.088	ug/l #	45
20) Methylene Chloride	4.716	84	939	1.941	ug/l	85
36) 1,1-Dichloropropene	7.795	75	1008	5.376	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1114	5.467	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	4978	47.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4978	95.773	ug/l #	11

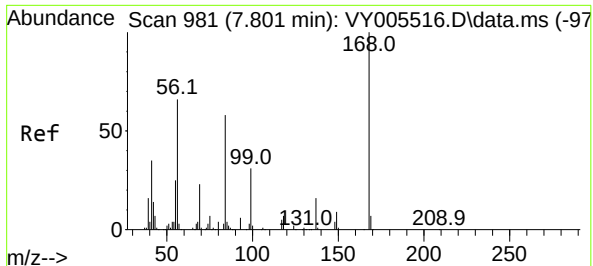
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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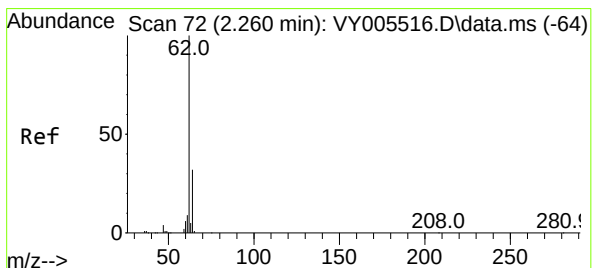
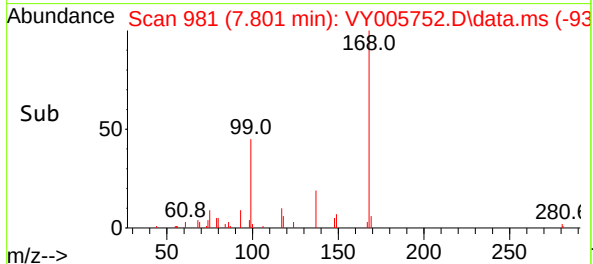
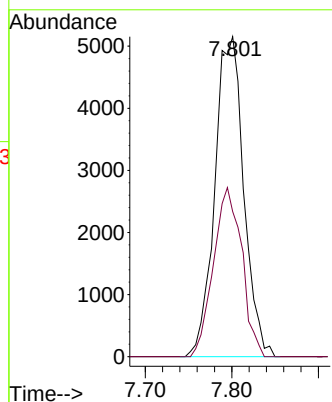
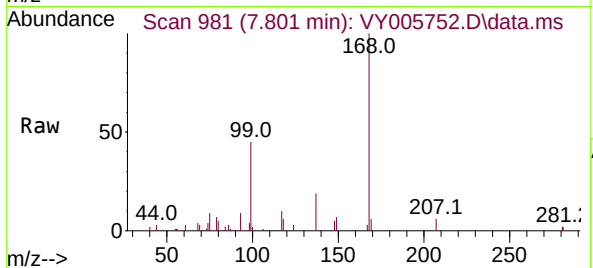




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

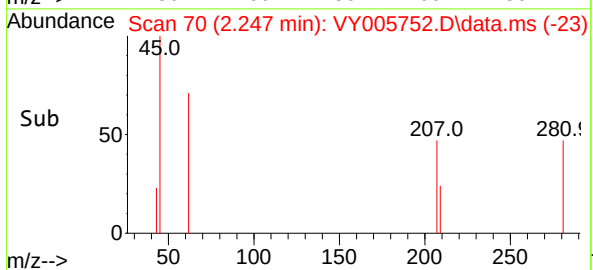
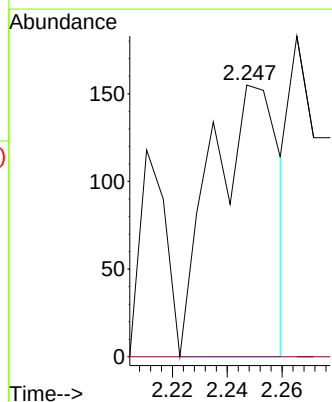
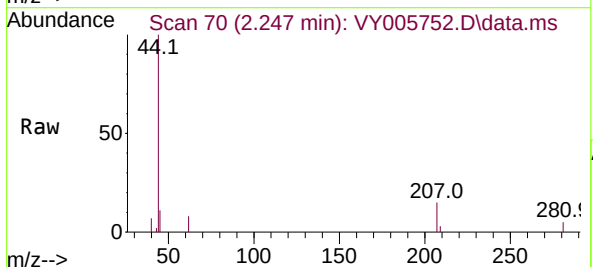
Instrument :
MSVOA_Y
ClientSampleId :

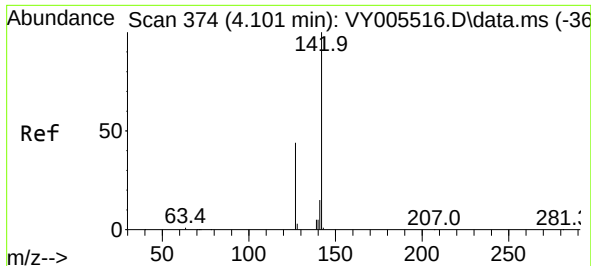
Tgt Ion:168 Resp: 11946
Ion Ratio Lower Upper
168 100
99 45.4 38.9 58.3



#4
Vinyl Chloride
Concen: 1.888 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion: 62 Resp: 265
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#





#10

Methyl Iodide

Concen: 1.575 ug/l

RT: 4.094 min Scan# 373

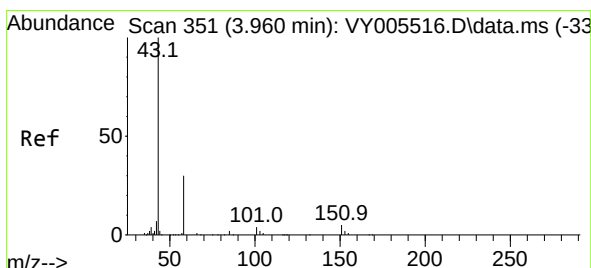
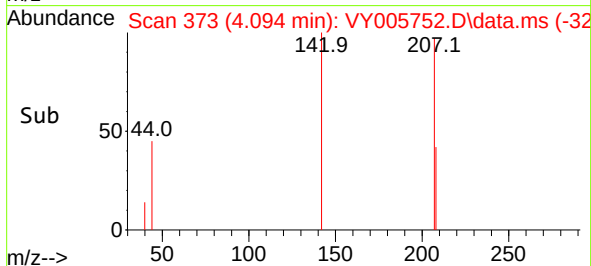
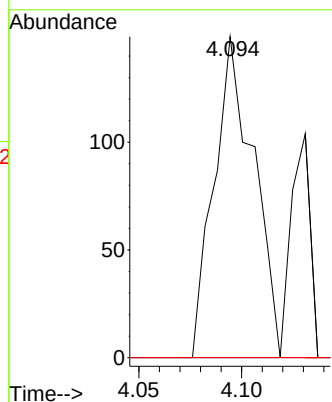
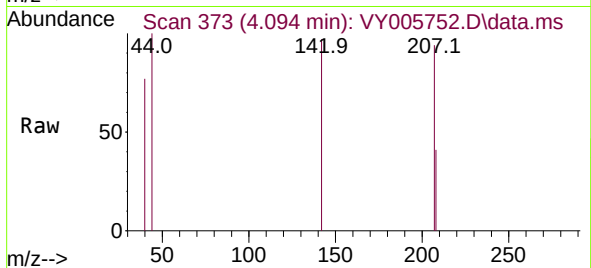
Delta R.T. -0.006 min

Lab File: VY005752.D

Acq: 18 Aug 2021 20:00

Tgt Ion:	142	Resp:	200
Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.6	54.8#
141	0.0	12.2	18.4#

Instrument :
MSVOA_Y
ClientSampled :



#16

Acetone

Concen: 15.088 ug/l

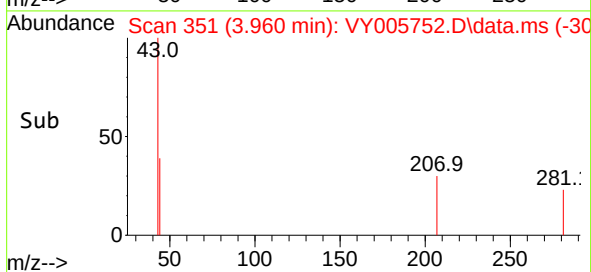
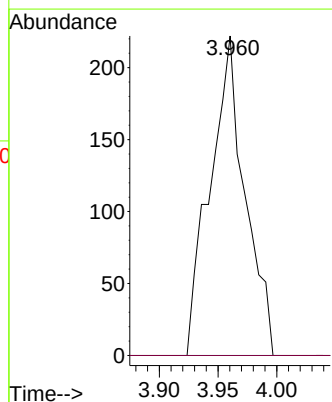
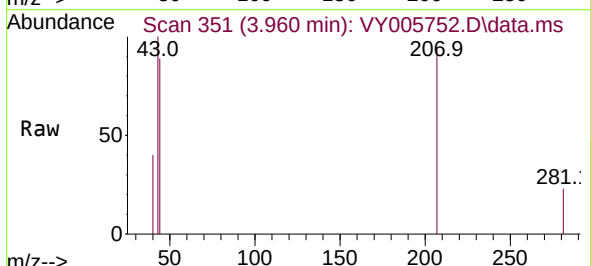
RT: 3.960 min Scan# 351

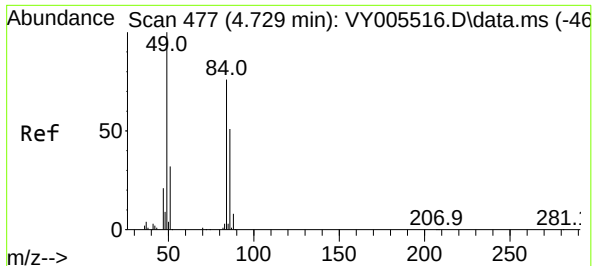
Delta R.T. -0.000 min

Lab File: VY005752.D

Acq: 18 Aug 2021 20:00

Tgt Ion:	43	Resp:	460
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



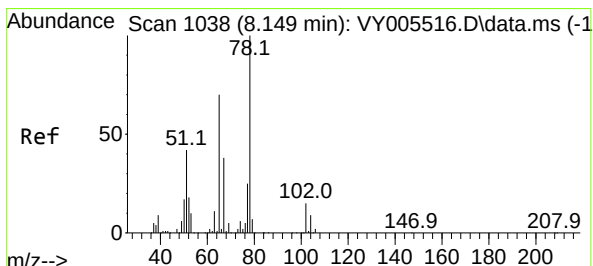
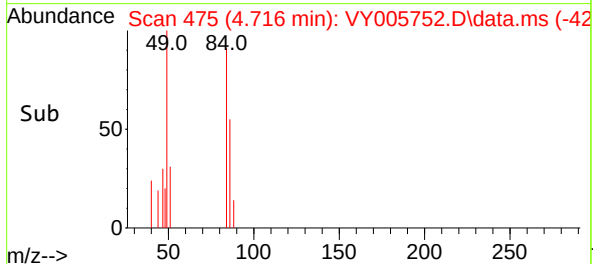
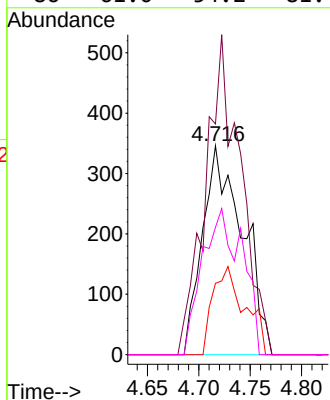
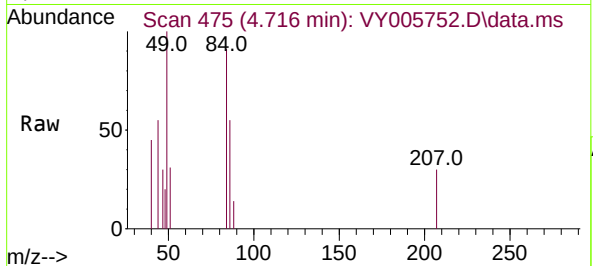


#20
Methylene Chloride
Concen: 1.941 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 939

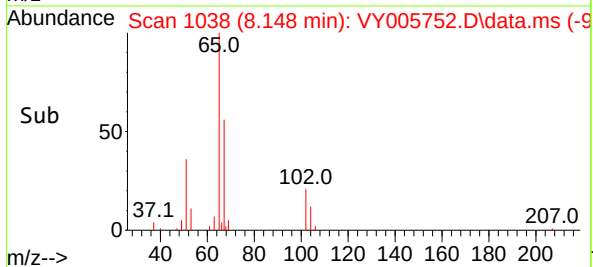
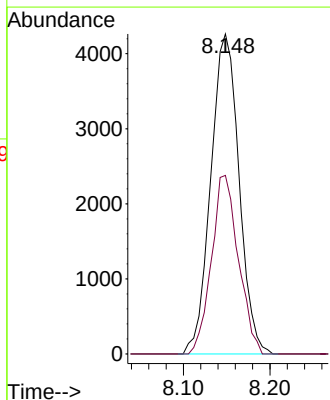
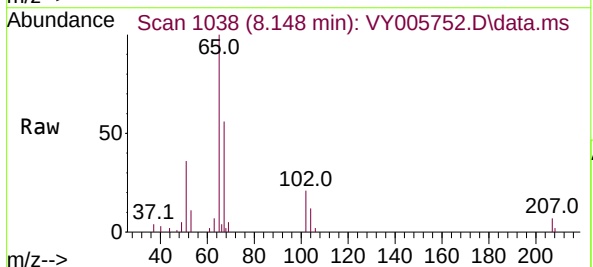
Ion	Ratio	Lower	Upper
84	100		
49	110.4	105.8	158.6
51	34.1	33.4	50.2
86	61.0	54.2	81.4

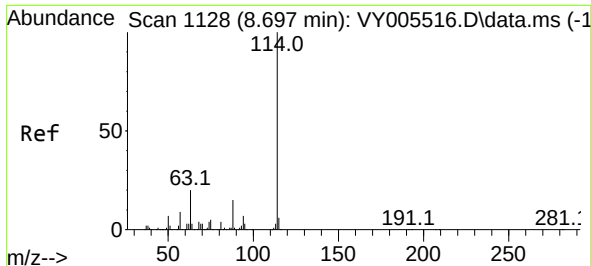


#33
1,2-Dichloroethane-d4
Concen: 79.819 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion: 65 Resp: 9652

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.4

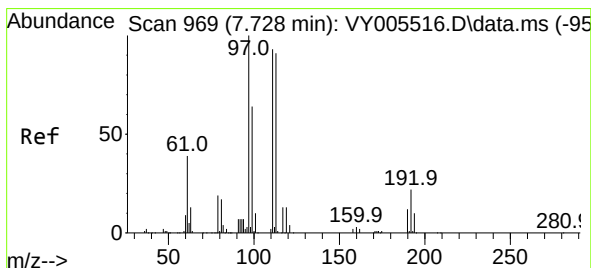
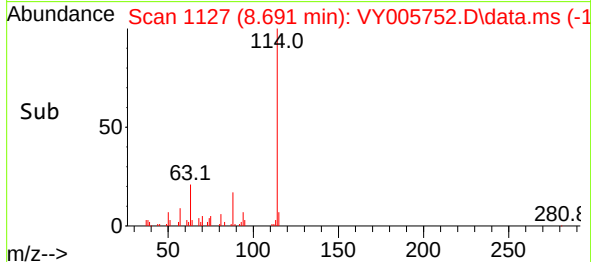
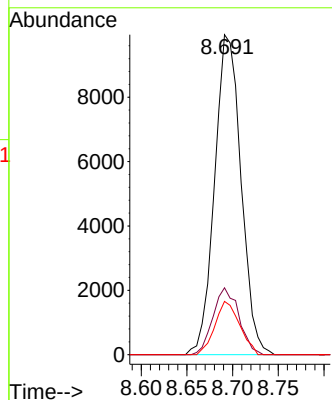
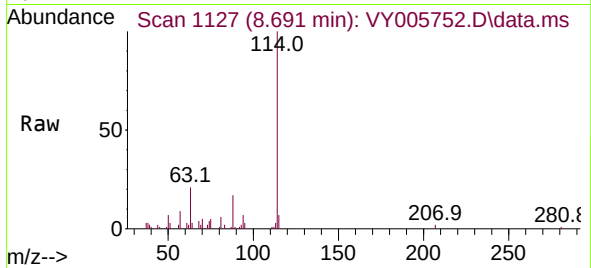




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

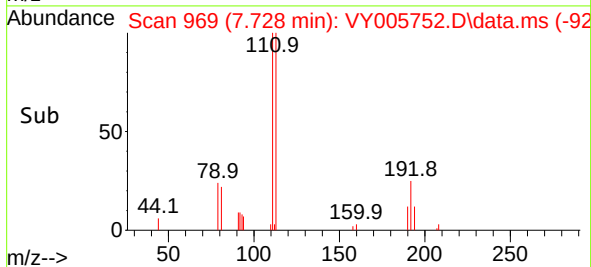
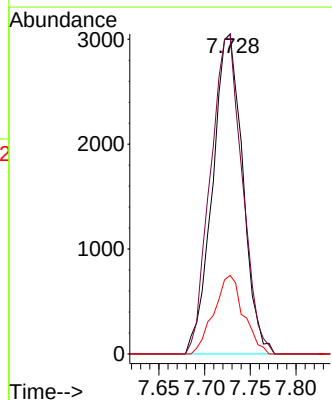
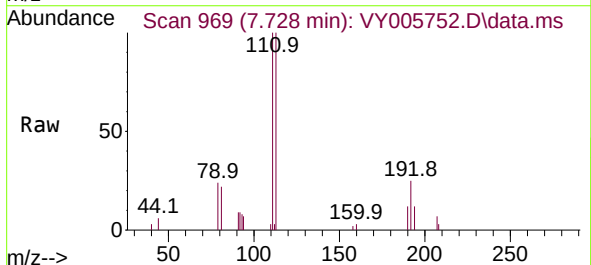
Instrument :
MSVOA_Y
ClientSampleId :

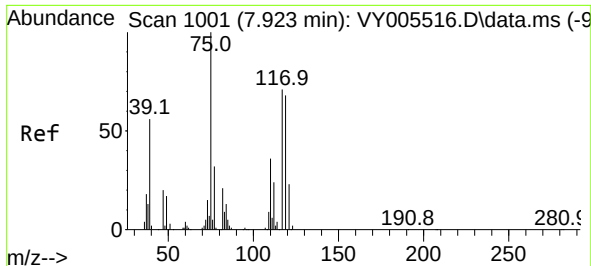
Tgt Ion:	114	Resp:	19991
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	39.2
88	16.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 62.596 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion:	113	Resp:	7006
Ion Ratio	Lower	Upper	
113	100		
111	104.7	81.9	122.9
192	24.1	19.2	28.8





#36

1,1-Dichloropropene

Concen: 5.376 ug/l

RT: 7.795 min Scan# 980

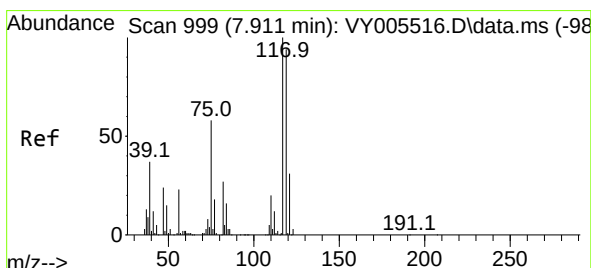
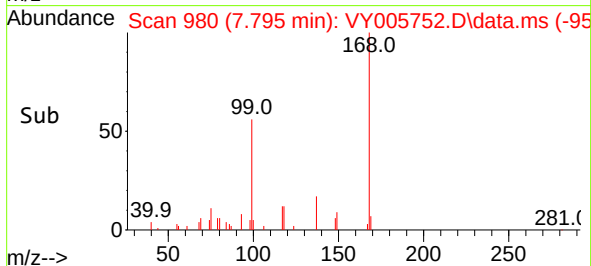
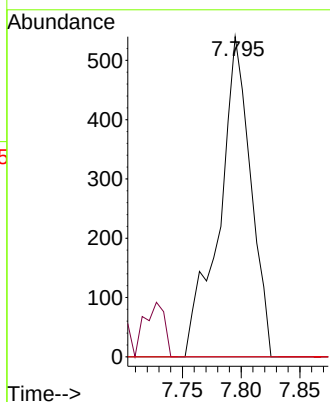
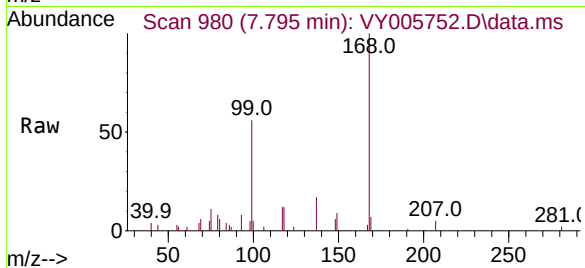
Delta R.T. -0.128 min

Lab File: VY005752.D

Acq: 18 Aug 2021 20:00

Tgt Ion:	75	Resp:	1008
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.467 ug/l

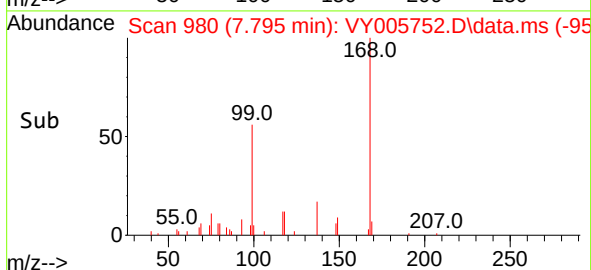
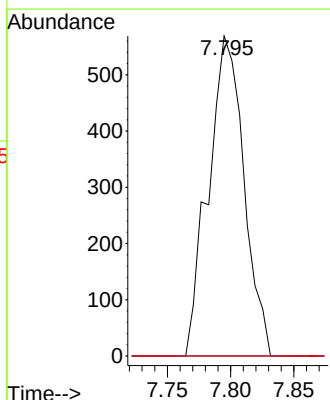
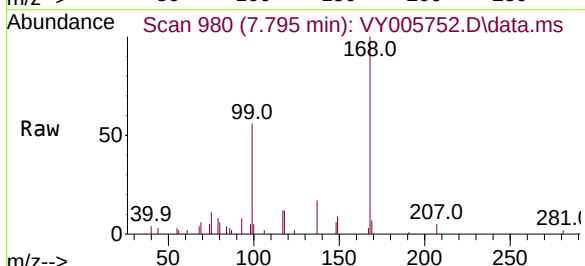
RT: 7.795 min Scan# 980

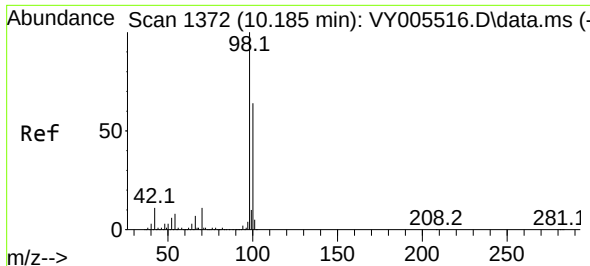
Delta R.T. -0.116 min

Lab File: VY005752.D

Acq: 18 Aug 2021 20:00

Tgt Ion:	117	Resp:	1114
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

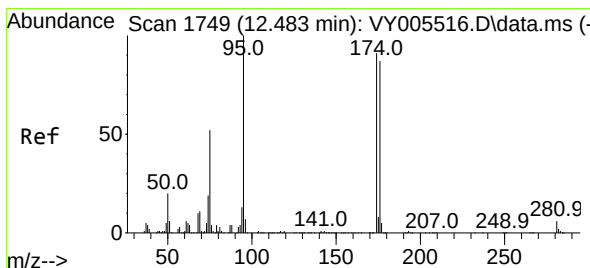
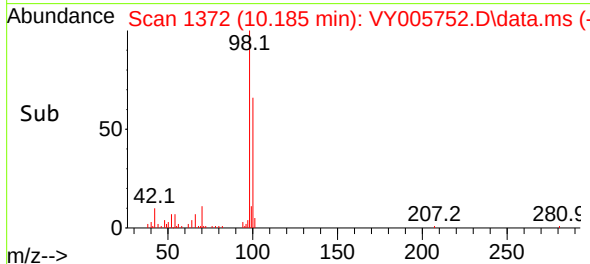
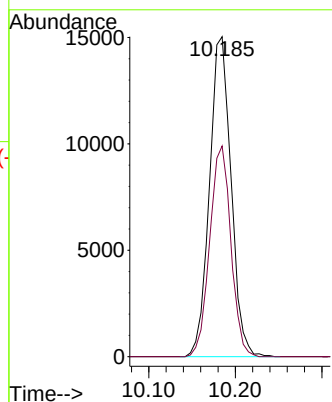
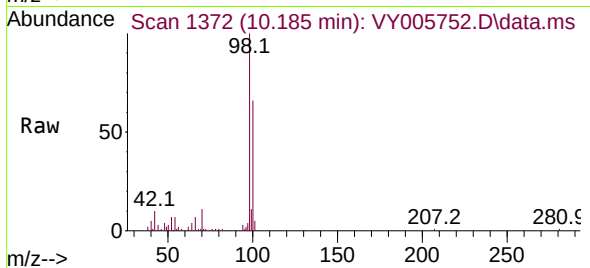




#50
Toluene-d8
Concen: 55.419 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

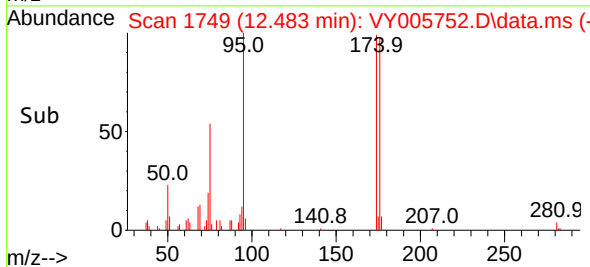
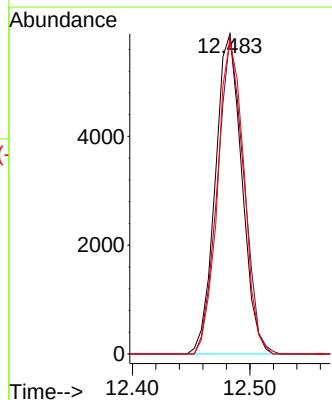
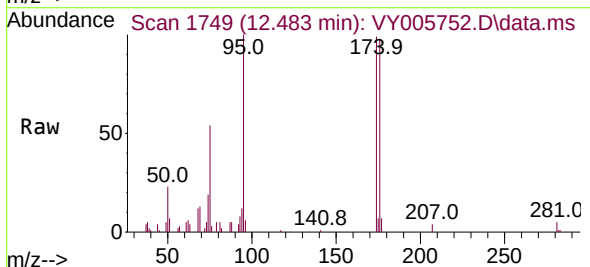
Instrument :
MSVOA_Y
ClientSampled :

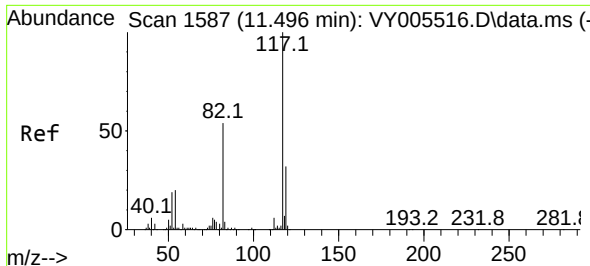
Tgt Ion: 98 Resp: 26014
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion: 95 Resp: 9233
Ion Ratio Lower Upper
95 100
174 97.8 0.0 191.4
176 96.9 0.0 183.6

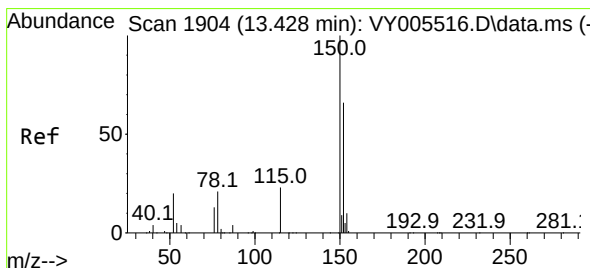
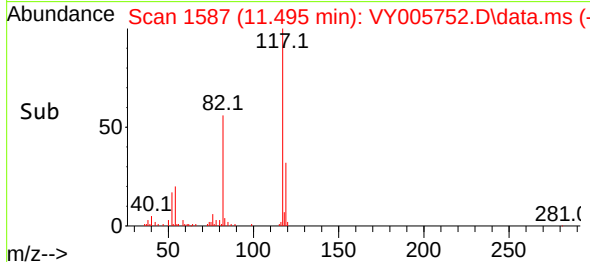
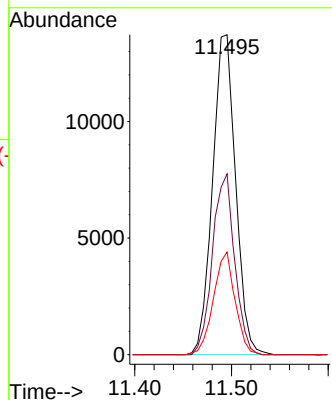
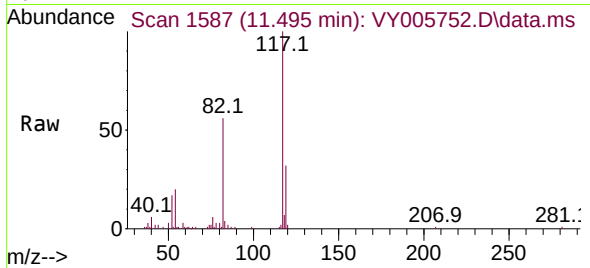




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

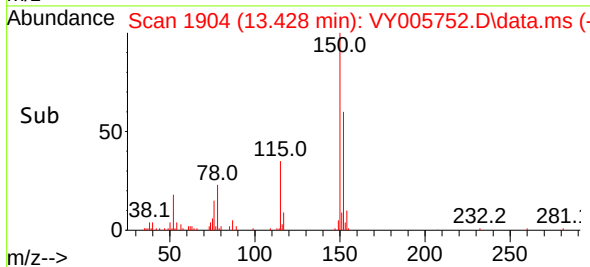
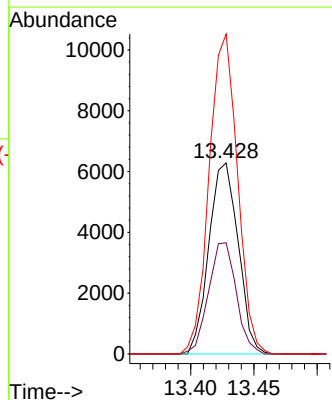
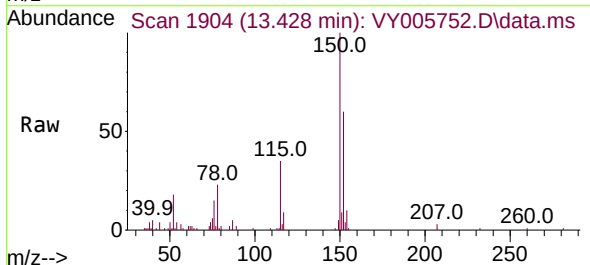
Instrument :
MSVOA_Y
ClientSampleId :

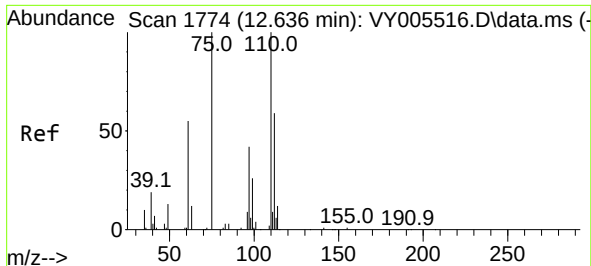
Tgt Ion:	117	Resp:	22670
Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.5	65.3
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion:	152	Resp:	10111
Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	162.1	0.0	350.2

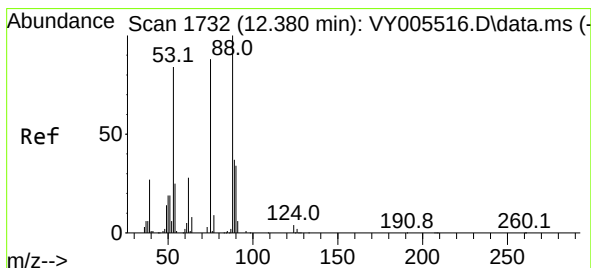
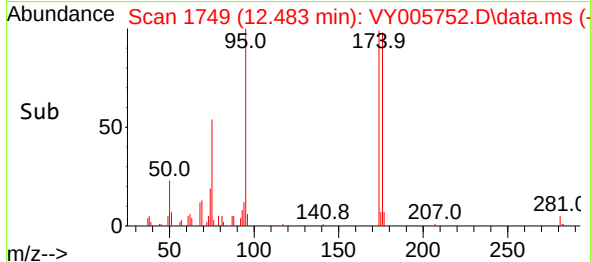
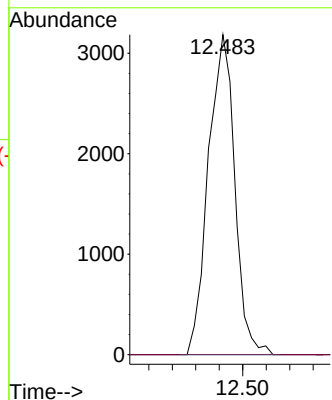
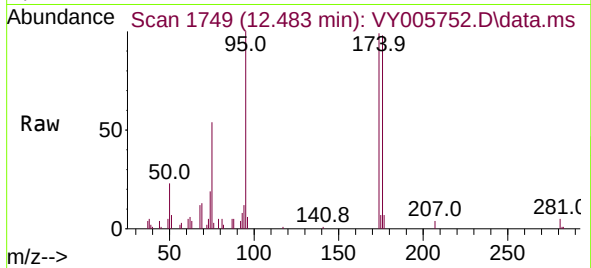




#76
1,2,3-Trichloropropane
Concen: 47.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 4978
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.773 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005752.D
Acq: 18 Aug 2021 20:00

Tgt Ion: 75 Resp: 4978
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

