

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005842.D
 Acq On : 25 Aug 2021 16:02
 Operator : SY/MD
 Sample : M3524-07
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Quant Time: Aug 26 03:38:16 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)

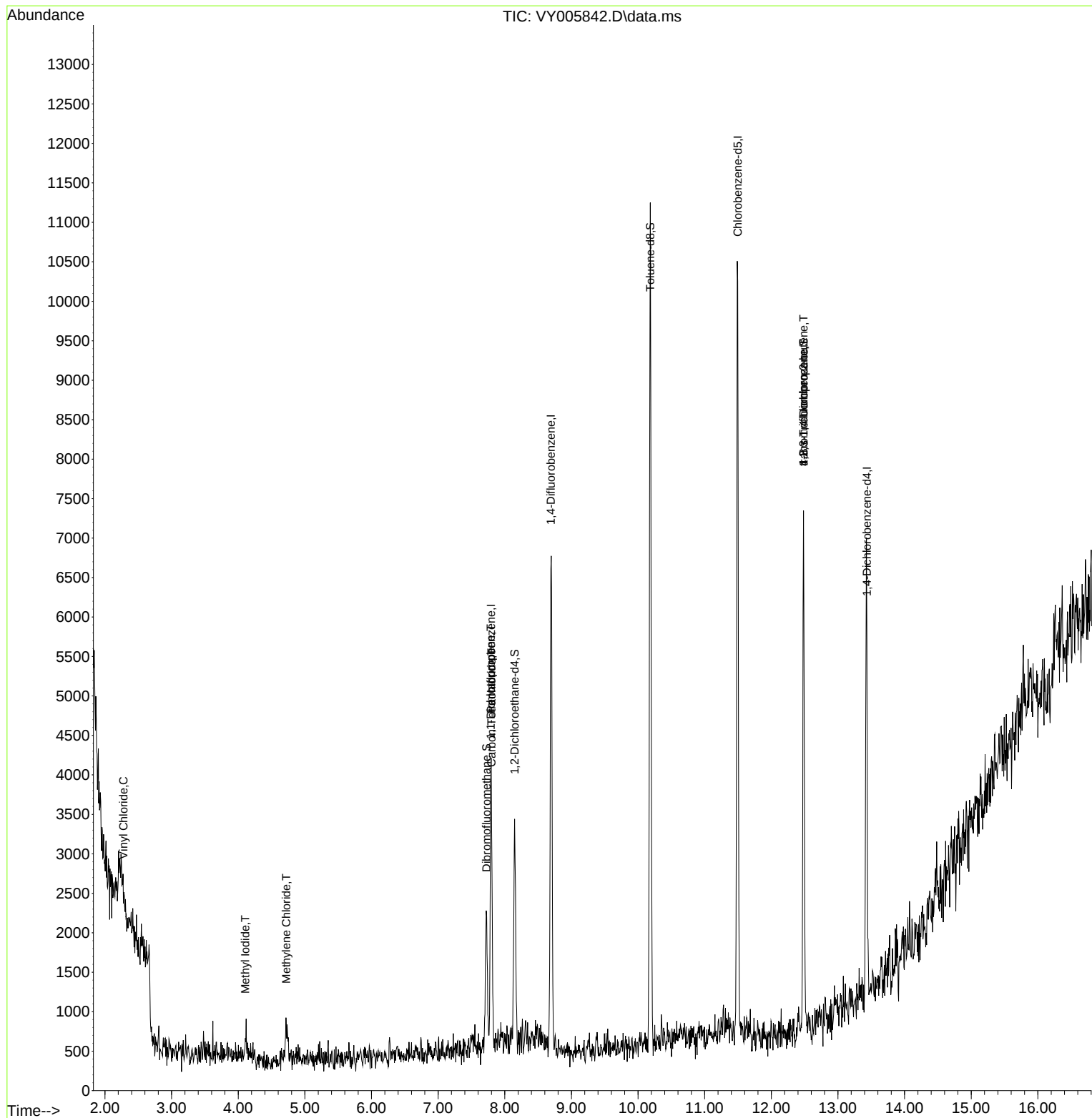
Internal Standards						
1) Pentafluorobenzene	7.795	168	3187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2173	67.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.720%	
35) Dibromofluoromethane	7.728	113	1194	35.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.400%	
50) Toluene-d8	10.185	98	7446	53.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.483	95	1996	42.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.960%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.278	62	108	2.884	ug/l #	42
10) Methyl Iodide	4.107	142	341	10.063	ug/l #	60
20) Methylene Chloride	4.722	84	393	6.971	ug/l #	56
36) 1,1-Dichloropropene	7.789	75	223	3.981	ug/l #	41
38) Carbon Tetrachloride	7.801	117	206	3.383	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	1052	65.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1052	131.434	ug/l #	11

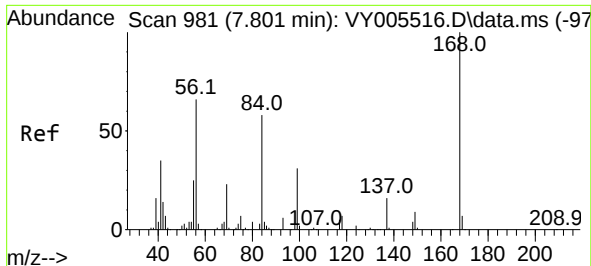
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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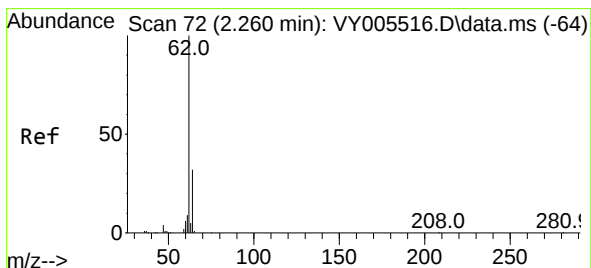
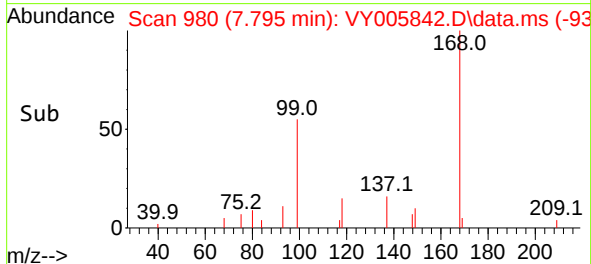
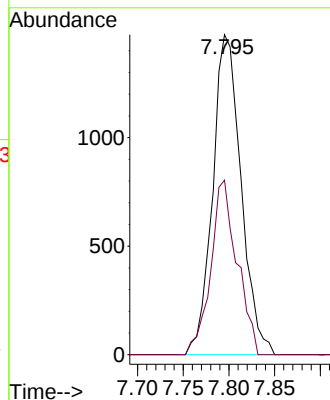
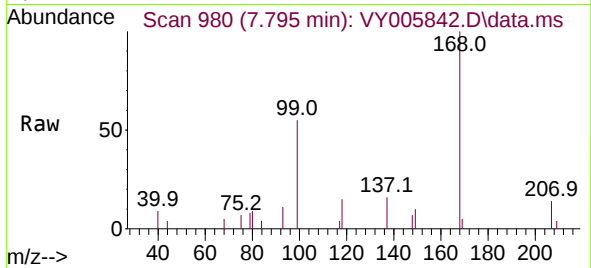




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

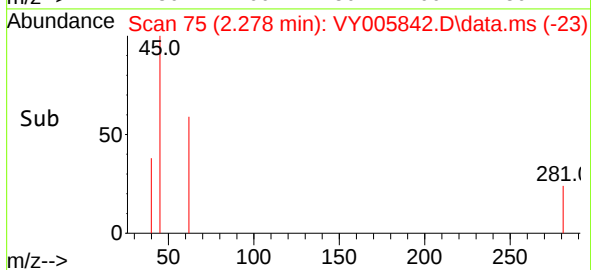
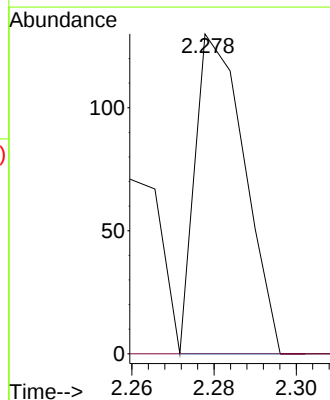
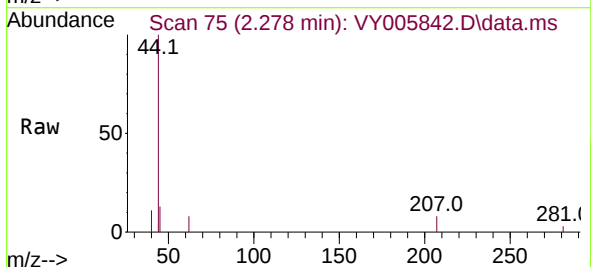
Instrument :
MSVOA_Y
ClientSampled :
PE-7

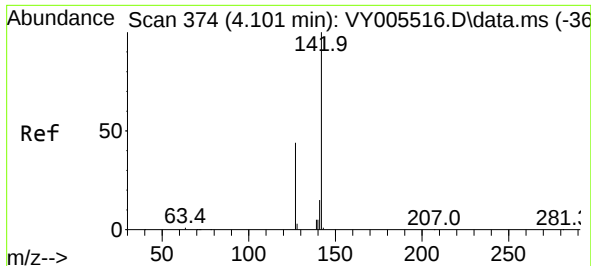
Tgt Ion:168 Resp: 3187
Ion Ratio Lower Upper
168 100
99 54.5 38.9 58.3



#4
Vinyl Chloride
Concen: 2.884 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.018 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion: 62 Resp: 108
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

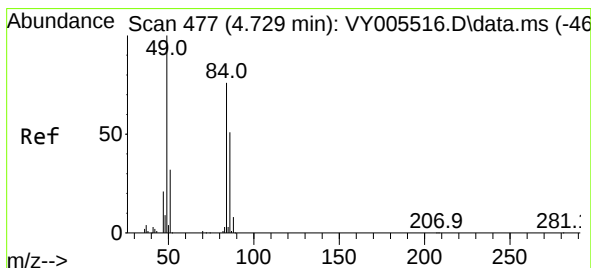
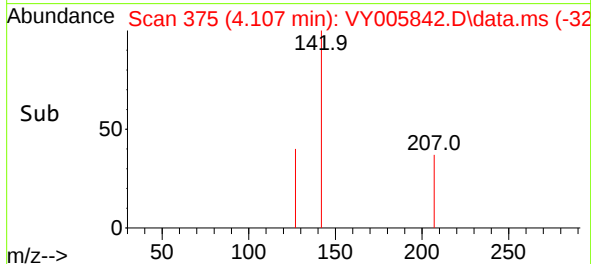
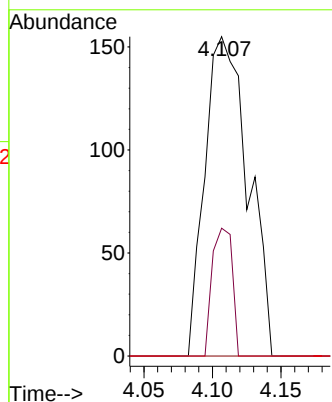
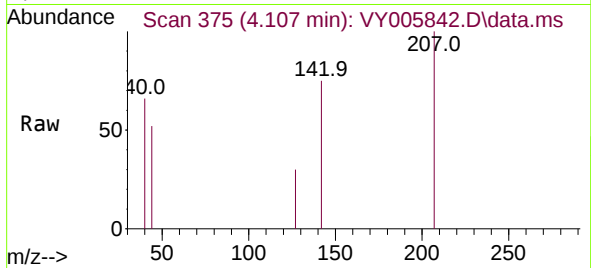




#10
Methyl Iodide
Concen: 10.063 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

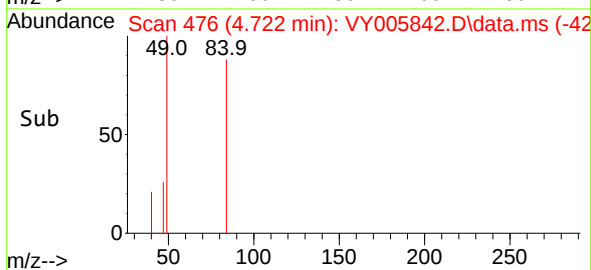
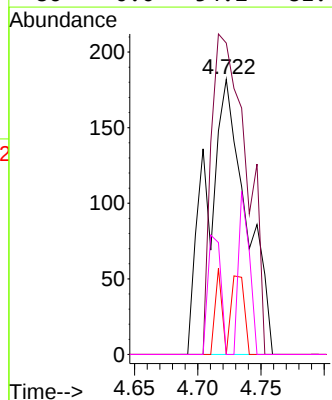
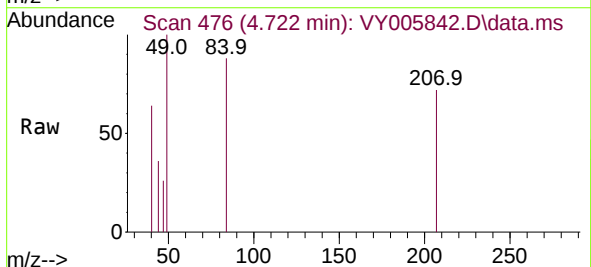
Instrument :
MSVOA_Y
ClientSampled :
PE-7

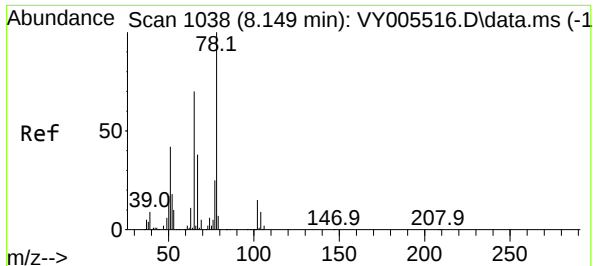
Tgt Ion:	142	Resp:	341
Ion	Ratio	Lower	Upper
142	100		
127	18.5	36.6	54.8#
141	0.0	12.2	18.4#



#20
Methylene Chloride
Concen: 6.971 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion:	84	Resp:	393
Ion	Ratio	Lower	Upper
84	100		
49	113.2	105.8	158.6
51	0.0	33.4	50.2#
86	0.0	54.2	81.4#

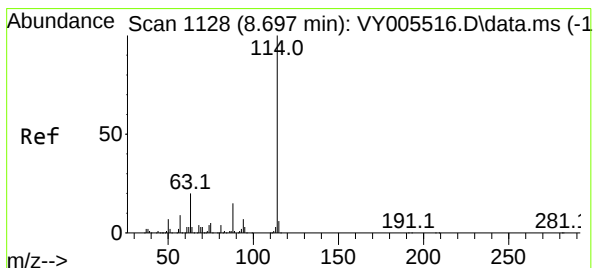
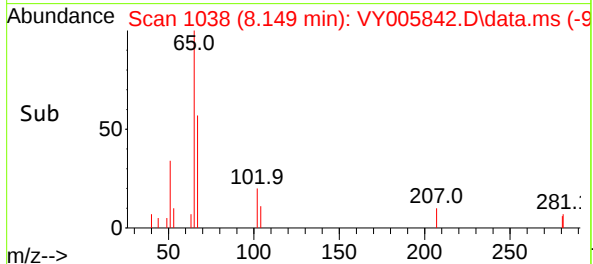
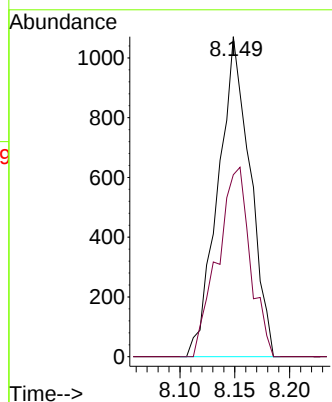
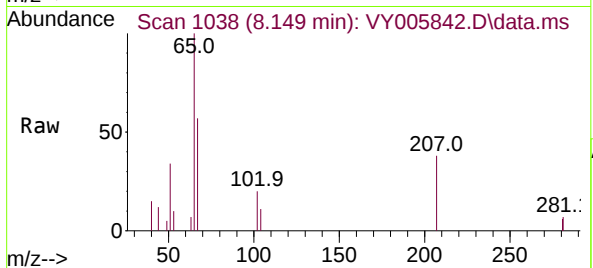




#33
1,2-Dichloroethane-d4
Concen: 67.358 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

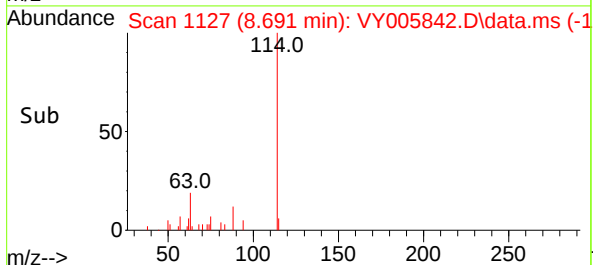
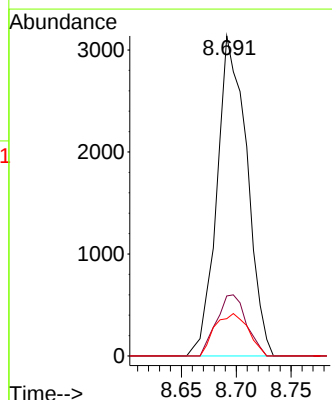
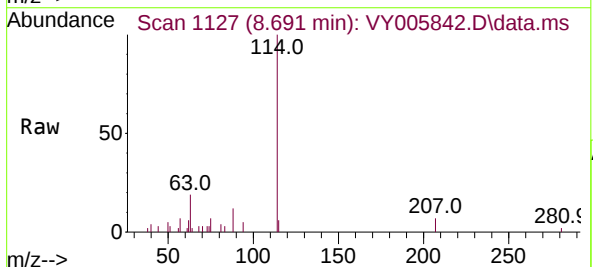
Instrument :
MSVOA_Y
ClientSampled :
PE-7

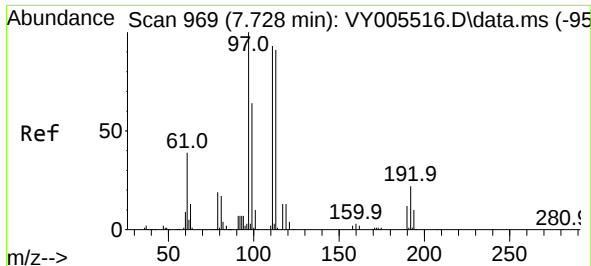
Tgt Ion: 65 Resp: 2173
Ion Ratio Lower Upper
65 100
67 60.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion: 114 Resp: 5973
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.2
88 11.6 0.0 30.8

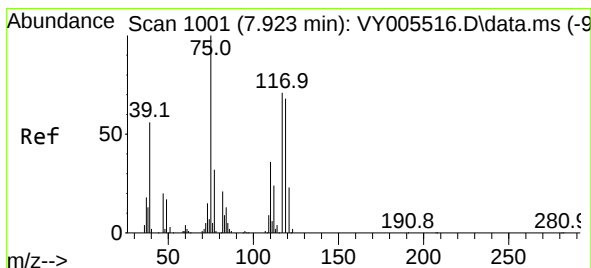
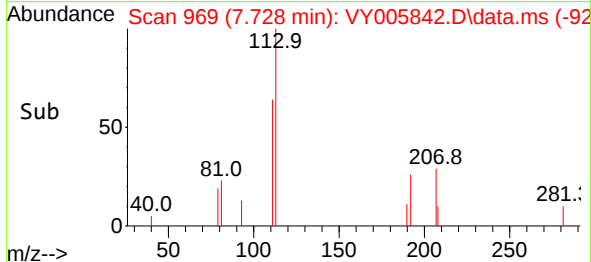
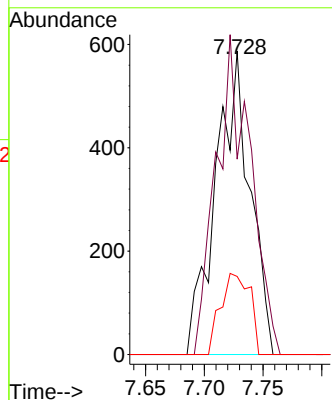
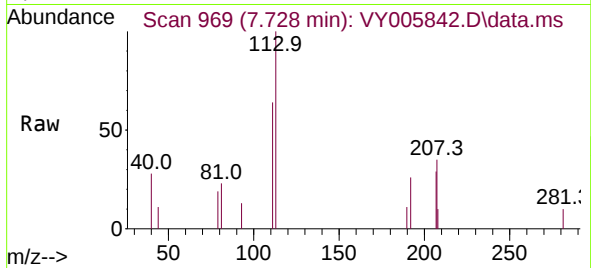




#35
Dibromofluoromethane
Concen: 35.704 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

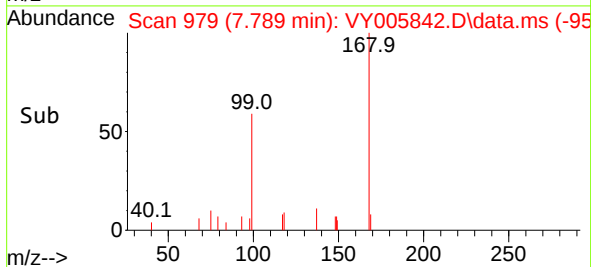
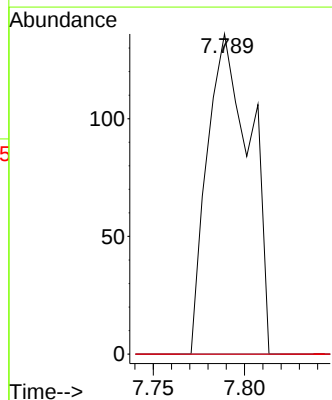
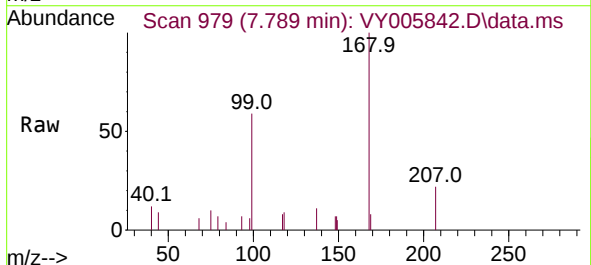
Instrument :
MSVOA_Y
ClientSampled :
PE-7

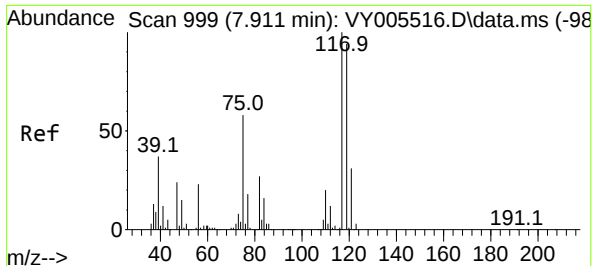
Tgt Ion:	113	Resp:	1194
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.9	122.9
192	22.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 3.981 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion:	75	Resp:	223
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

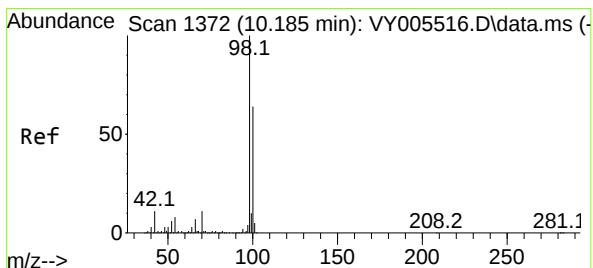
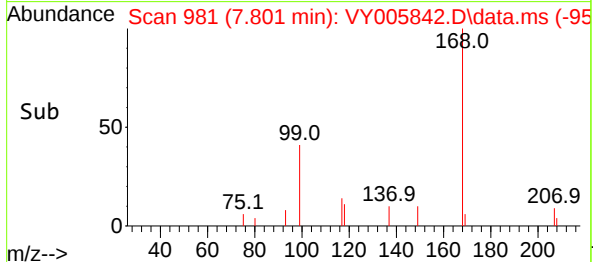
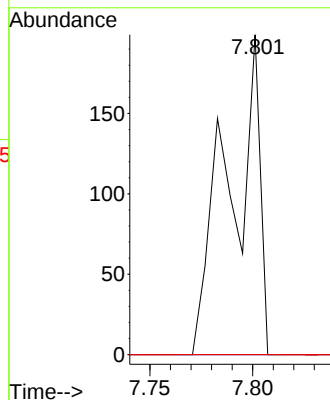
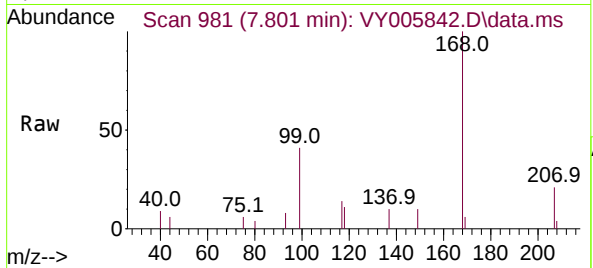




#38
Carbon Tetrachloride
Concen: 3.383 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

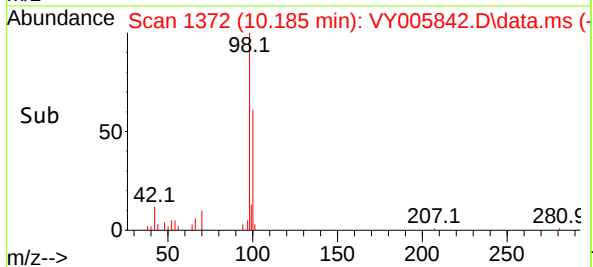
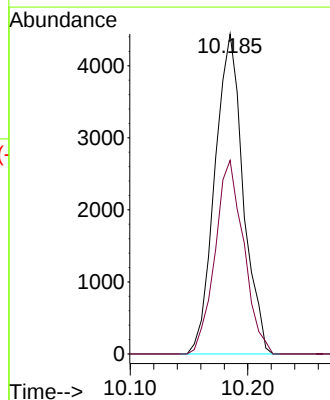
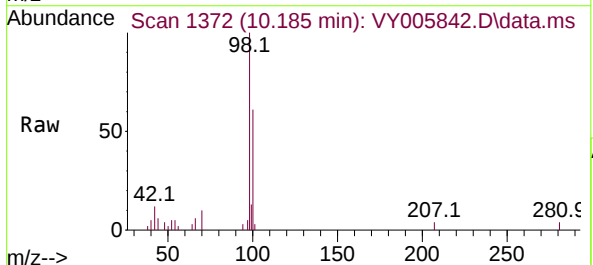
Instrument :
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ClientSampled :
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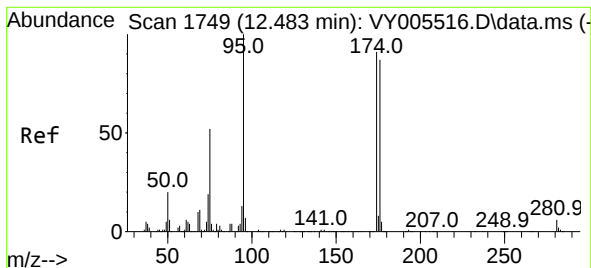
Tgt Ion:117 Resp: 206
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.091 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion: 98 Resp: 7446
Ion Ratio Lower Upper
98 100
100 61.2 51.3 76.9

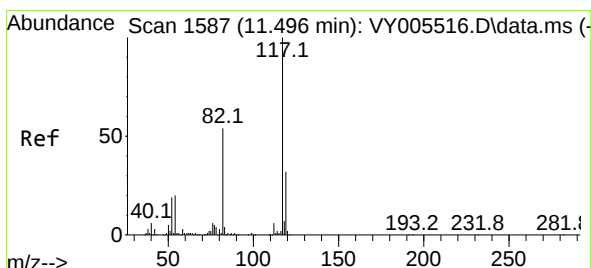
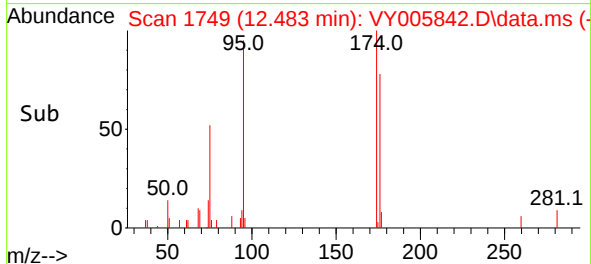
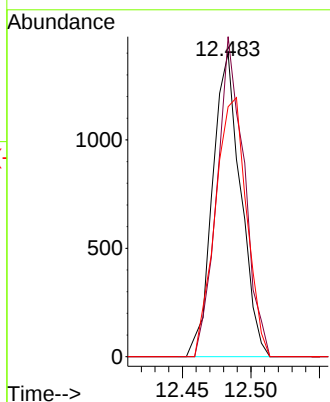
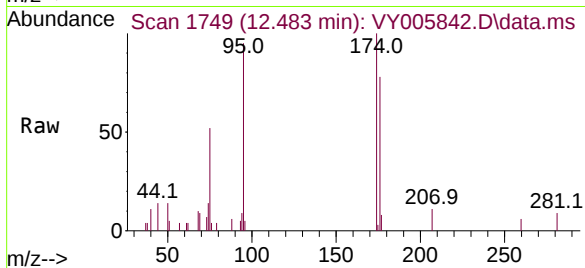




#62
4-Bromofluorobenzene
Concen: 42.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

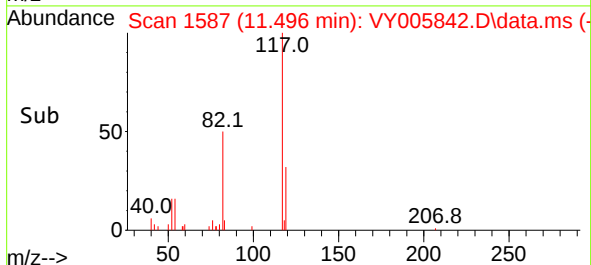
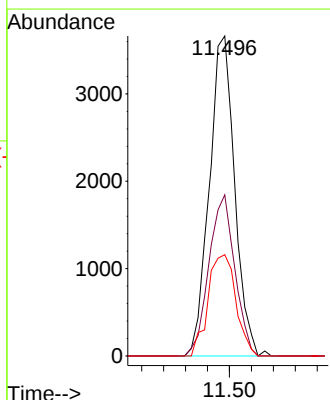
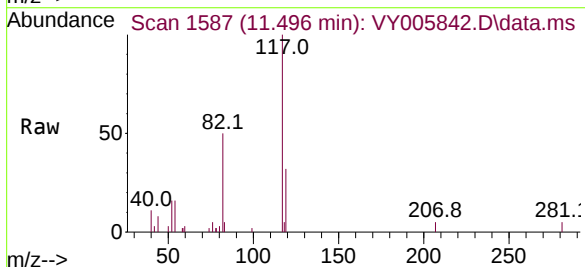
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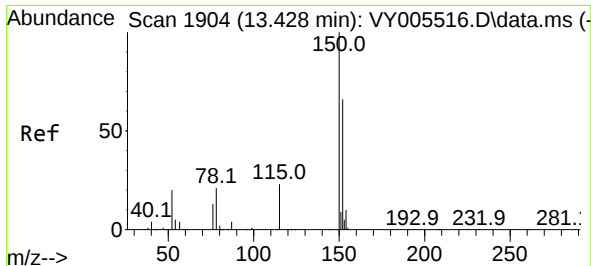
Tgt Ion:	95	Resp:	1996
Ion	Ratio	Lower	Upper
95	100		
174	101.7	0.0	191.4
176	95.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005842.D
Acq: 25 Aug 2021 16:02

Tgt Ion:	117	Resp:	5883
Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.5	65.3
119	31.7	25.5	38.3

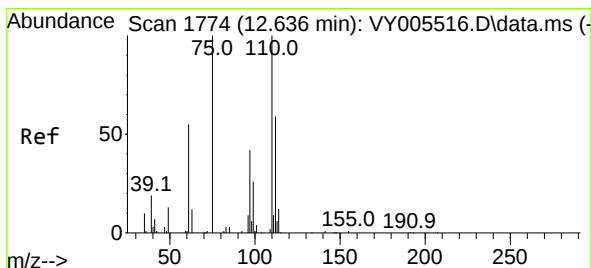
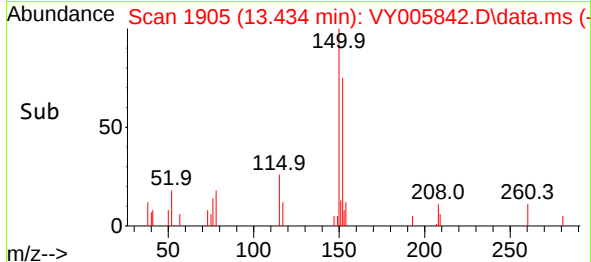
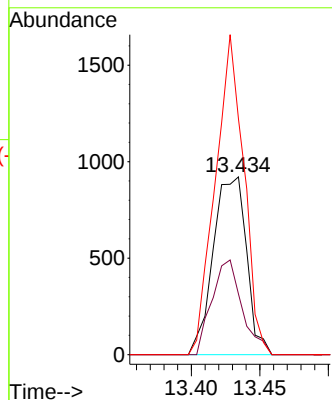
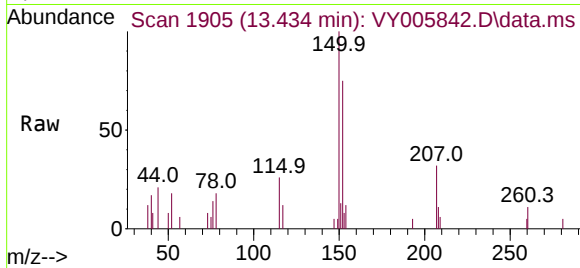




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY005842.D
 Acq: 25 Aug 2021 16:02

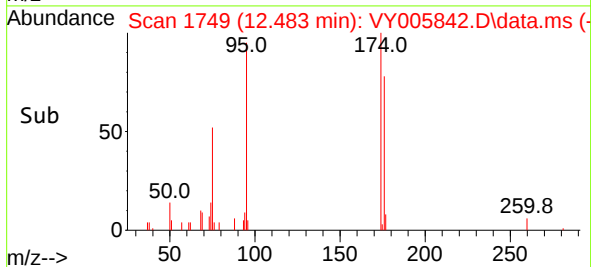
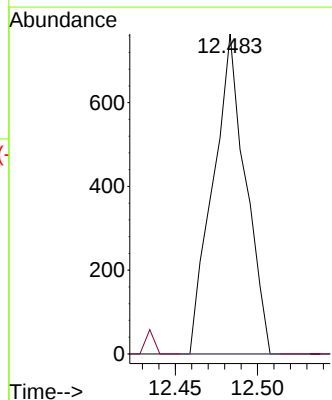
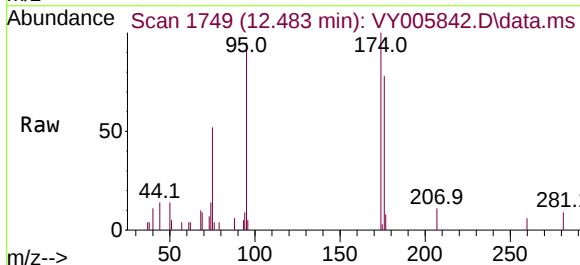
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-7

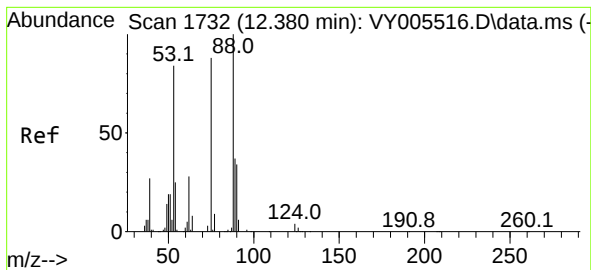
Tgt Ion:152 Resp: 1557
 Ion Ratio Lower Upper
 152 100
 115 48.4 27.3 81.9
 150 154.1 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 65.200 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005842.D
 Acq: 25 Aug 2021 16:02

Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.434 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005842.D
 Acq: 25 Aug 2021 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

