

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005868.D
 Acq On : 26 Aug 2021 18:01
 Operator : SY/MD
 Sample : M3547-02RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1DRE

Quant Time: Aug 27 03:27:06 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)

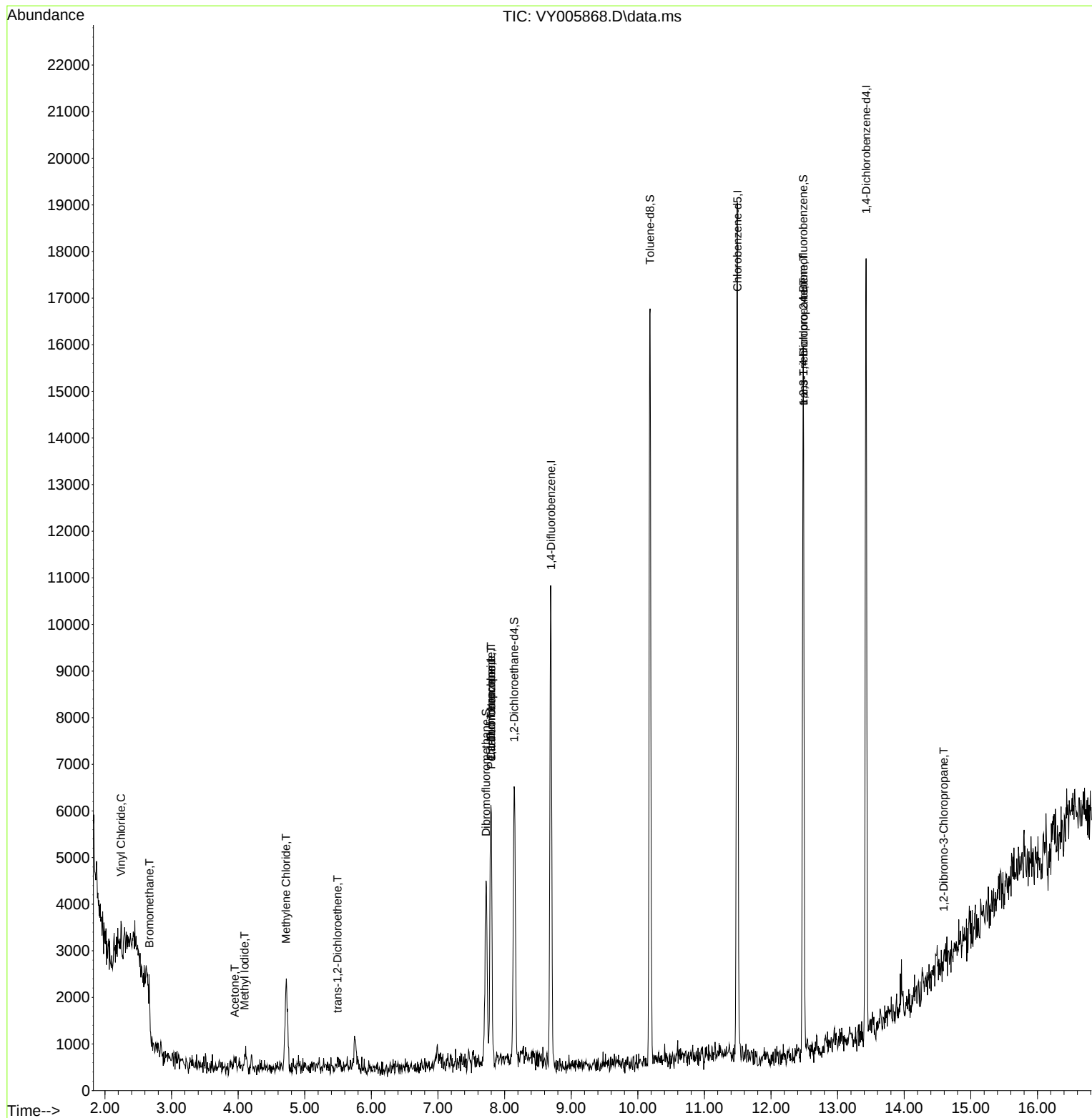
Internal Standards						
1) Pentafluorobenzene	7.801	168	4951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	10439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4709	93.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.920%#	
35) Dibromofluoromethane	7.722	113	2735	54.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.185	98	11692	55.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.483	95	4156	59.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.200%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	217	3.730	ug/l #	42
5) Bromomethane	2.668	94	124	3.238	ug/l #	78
10) Methyl Iodide	4.094	142	640	12.158	ug/l #	66
16) Acetone	3.948	43	391	30.944	ug/l #	45
20) Methylene Chloride	4.716	84	1356	23.910	ug/l #	75
21) trans-1,2-Dichloroethene	5.490	96	52	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	318	3.749	ug/l #	41
38) Carbon Tetrachloride	7.795	117	379	4.111	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	2240	46.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	2240	94.685	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.592	75	28	2.391	ug/l #	1

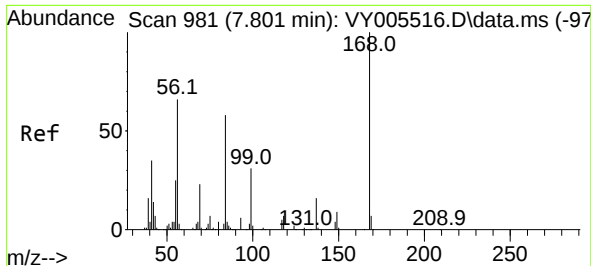
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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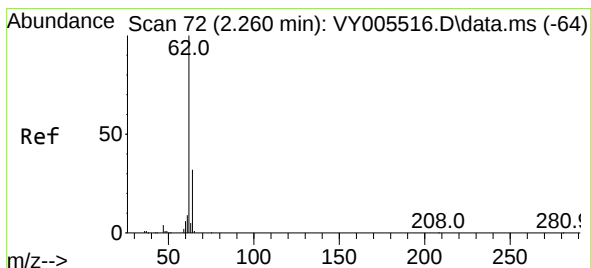
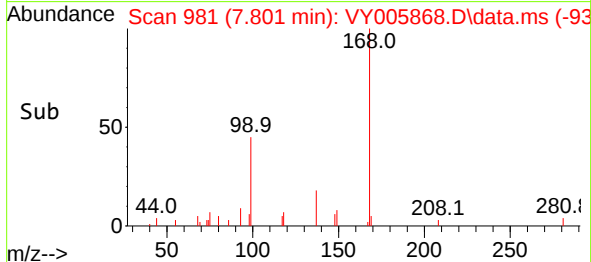
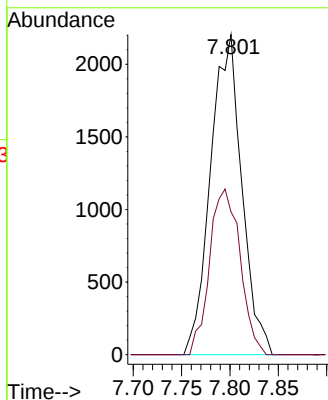
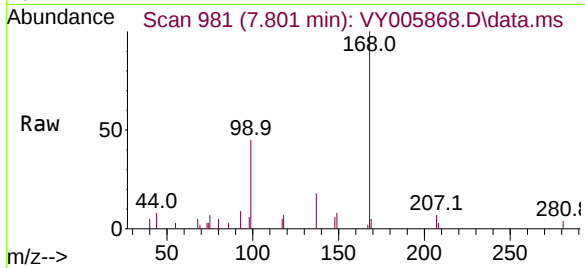




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

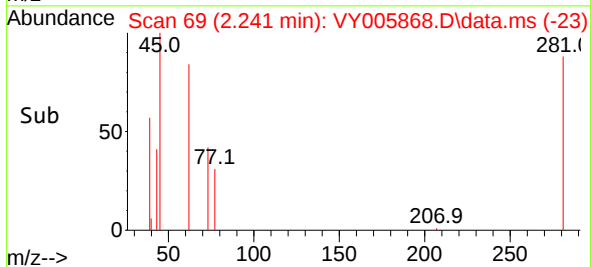
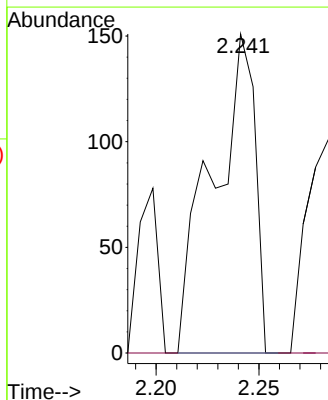
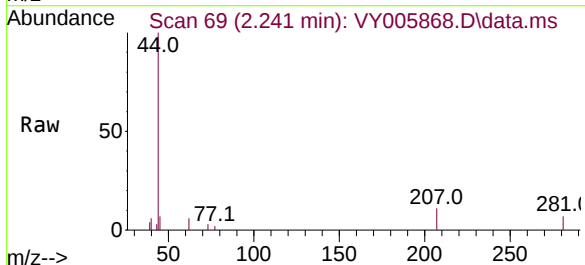
Instrument :
MSVOA_Y
ClientSampled :
PE-1DRE

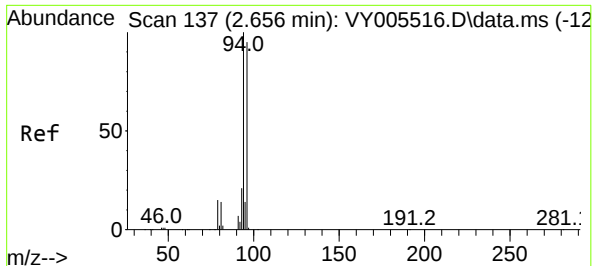
Tgt Ion:168 Resp: 4951
Ion Ratio Lower Upper
168 100
99 44.6 38.9 58.3



#4
Vinyl Chloride
Concen: 3.730 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 62 Resp: 217
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

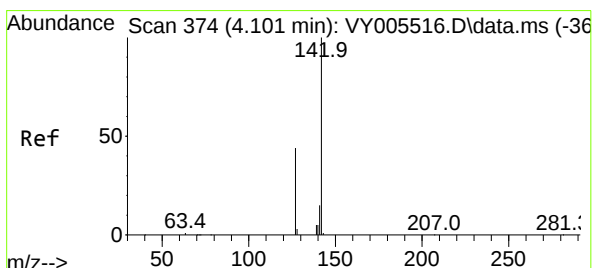
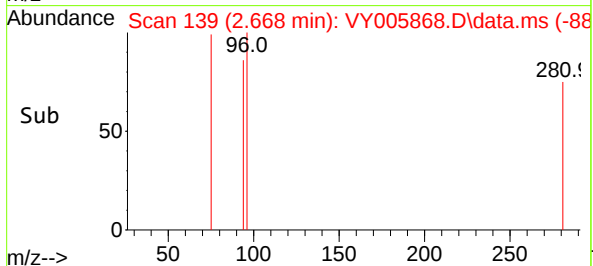
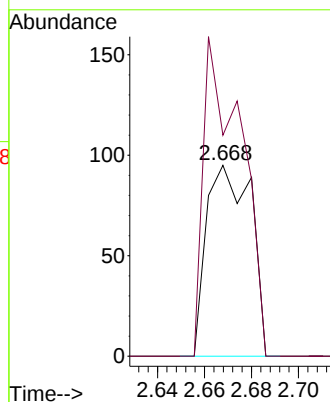
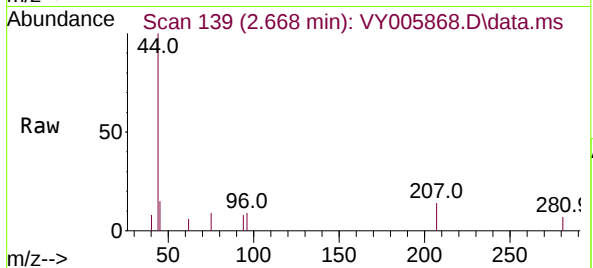




#5
Bromomethane
Concen: 3.238 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

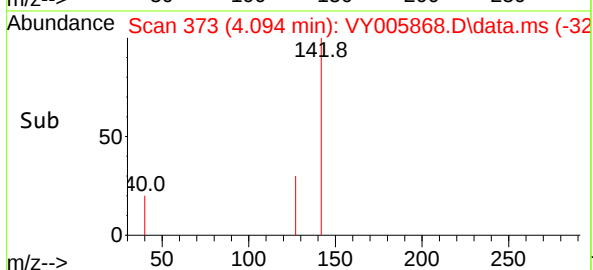
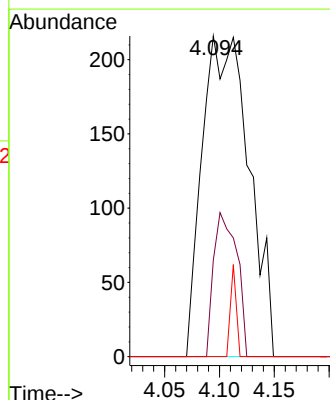
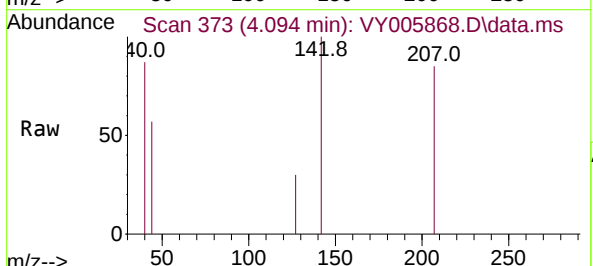
Instrument :
MSVOA_Y
ClientSampleId :
PE-1DRE

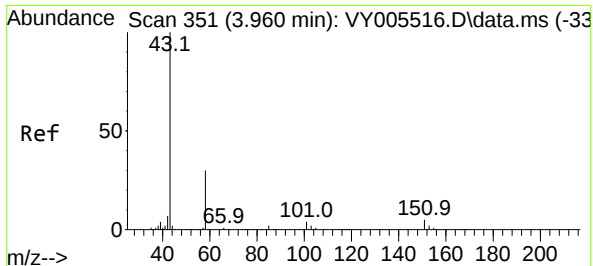
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 115.8 75.7 113.5#



#10
Methyl Iodide
Concen: 12.158 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 142 Resp: 640
Ion Ratio Lower Upper
142 100
127 22.3 36.6 54.8#
141 3.6 12.2 18.4#

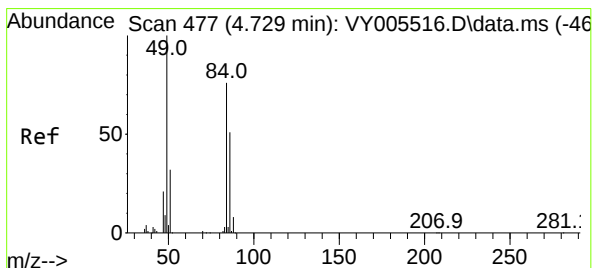
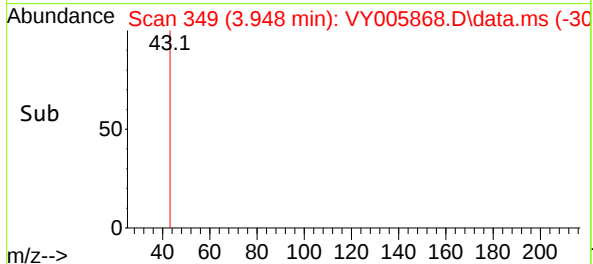
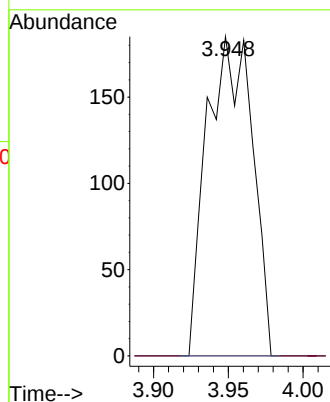
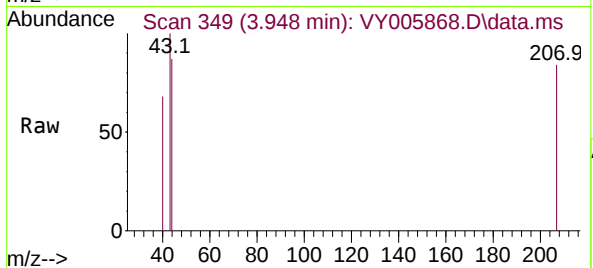




#16
Acetone
Concen: 30.944 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

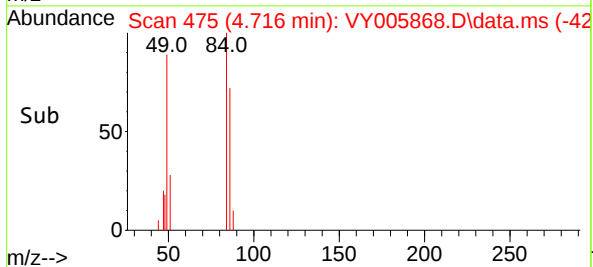
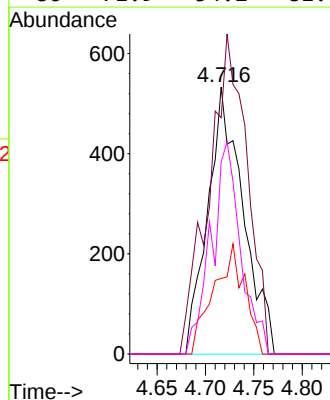
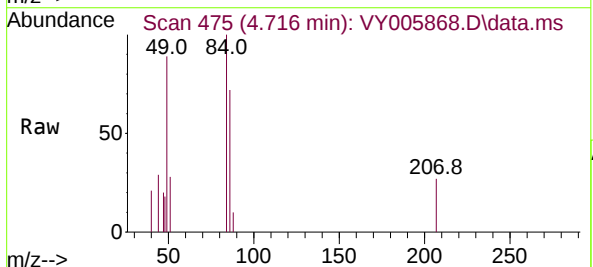
Instrument :
MSVOA_Y
ClientSampled :
PE-1DRE

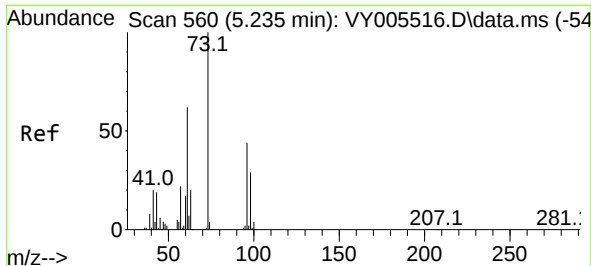
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 23.910 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 84 Resp: 1356
Ion Ratio Lower Upper
84 100
49 88.6 105.8 158.6#
51 28.3 33.4 50.2#
86 71.9 54.2 81.4

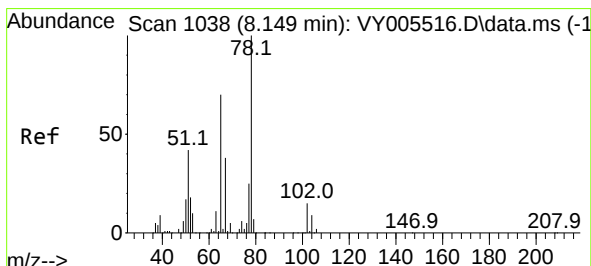
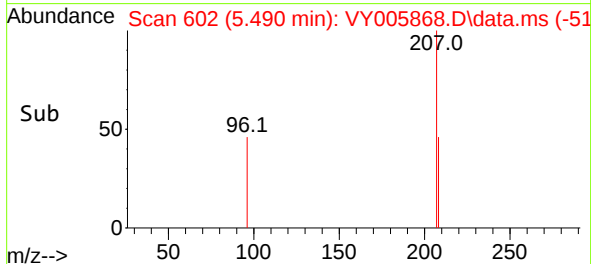
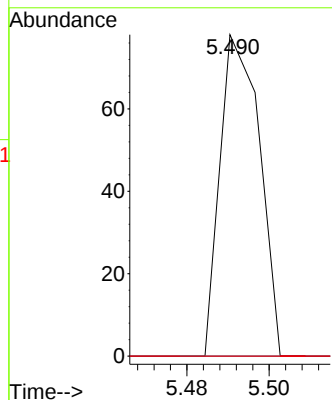
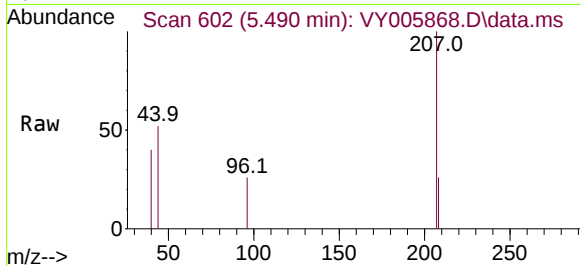




#21
trans-1,2-Dichloroethene
Concen: 1.090 ug/l
RT: 5.490 min Scan# 602
Delta R.T. 0.256 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

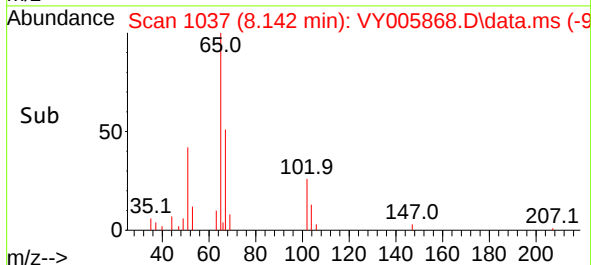
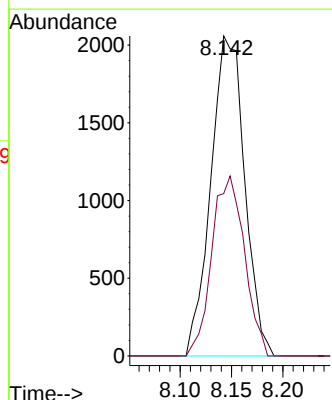
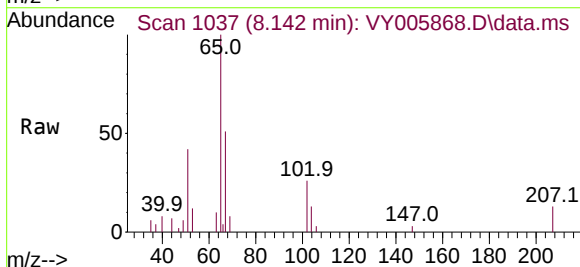
Instrument :
MSVOA_Y
ClientSampled :
PE-1DRE

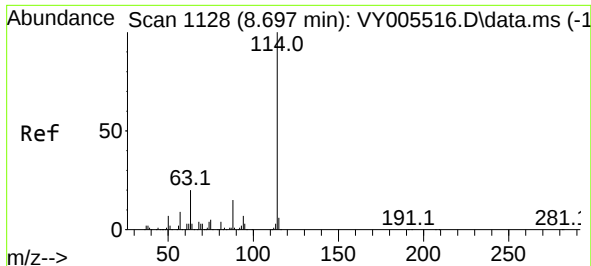
Tgt Ion: 96 Resp: 52
Ion Ratio Lower Upper
96 100
61 0.0 112.6 168.8#
98 0.0 52.2 78.4#



#33
1,2-Dichloroethane-d4
Concen: 93.961 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 65 Resp: 4709
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.4

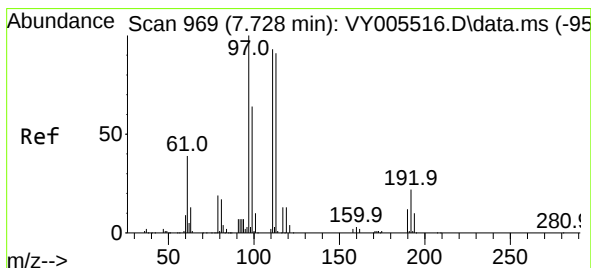
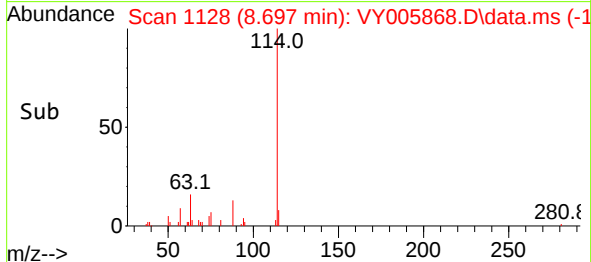
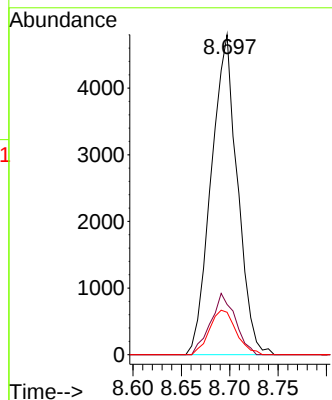
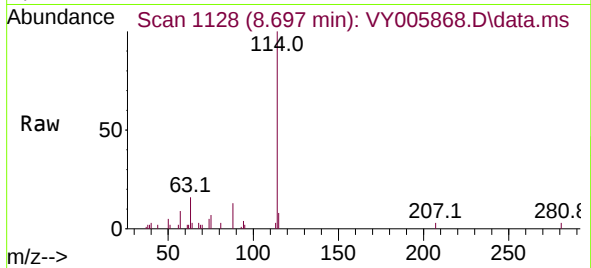




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

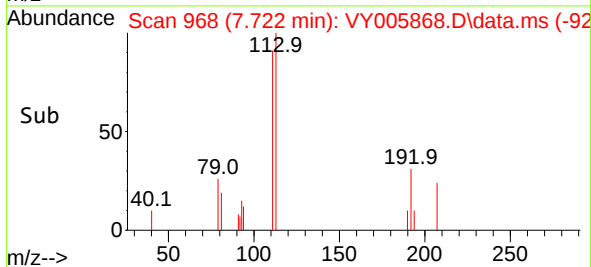
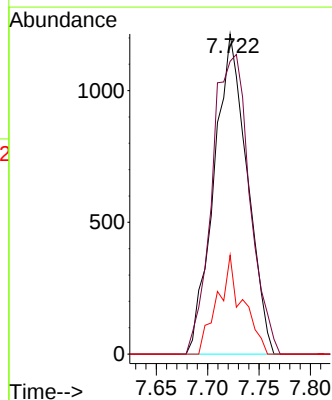
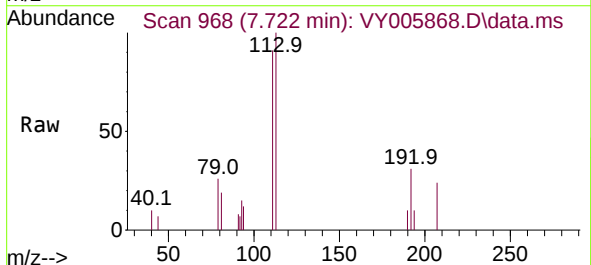
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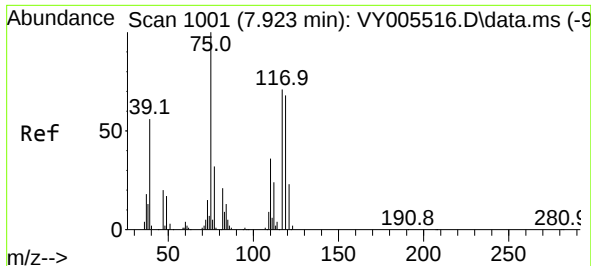
Tgt Ion:	114	Resp:	9044
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	39.2
88	13.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.014 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion:	113	Resp:	2735
Ion	Ratio	Lower	Upper
113	100		
111	105.8	81.9	122.9
192	23.5	19.2	28.8

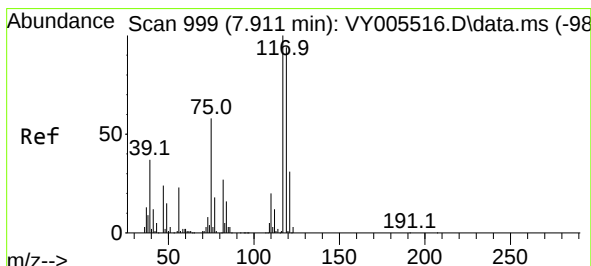
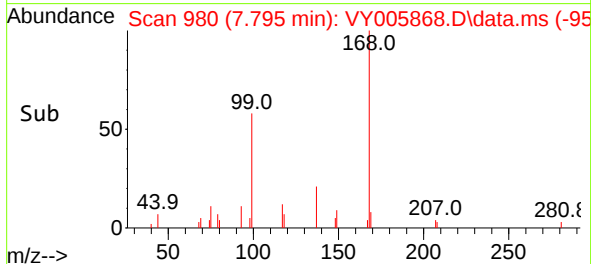
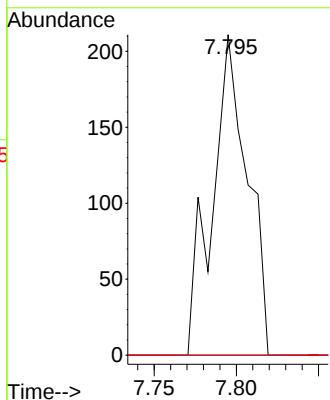
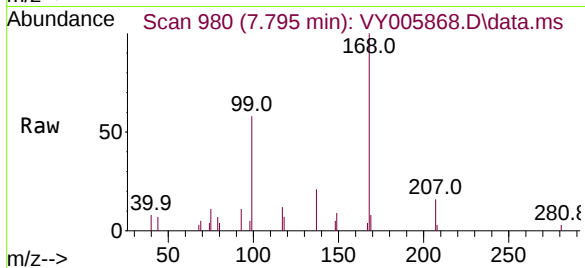




#36
1,1-Dichloropropene
Concen: 3.749 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

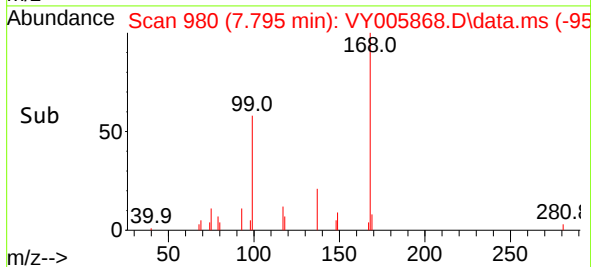
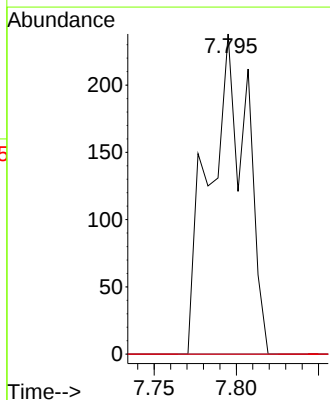
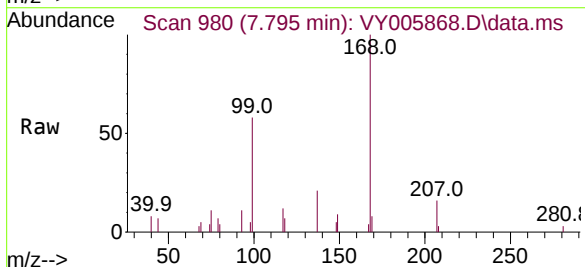
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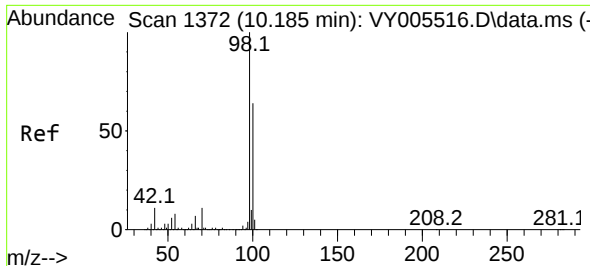
Tgt Ion: 75	Resp:	318
Ion Ratio	Lower	Upper
75	100	
110	0.0	18.1 54.1#
77	0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.111 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 117	Resp:	379
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.4 113.0#
121	0.0	25.1 37.7#

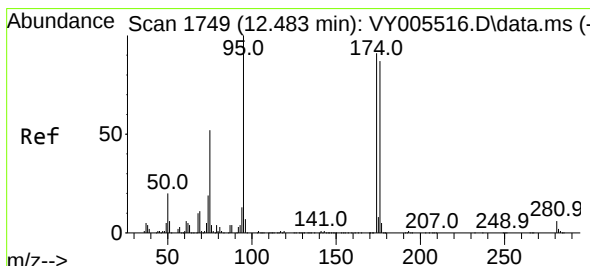
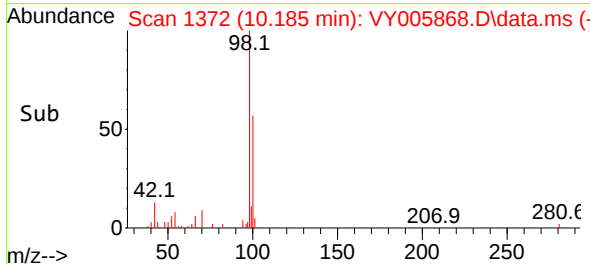
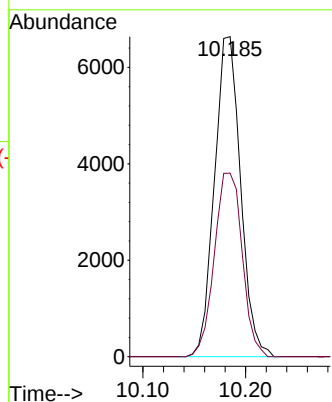
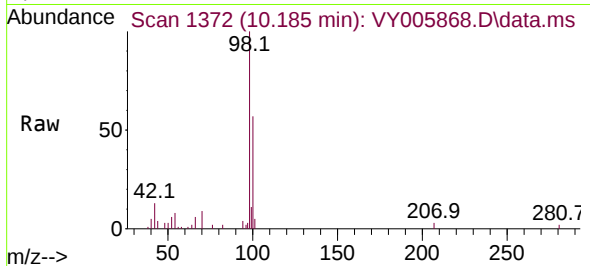




#50
Toluene-d8
Concen: 55.057 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

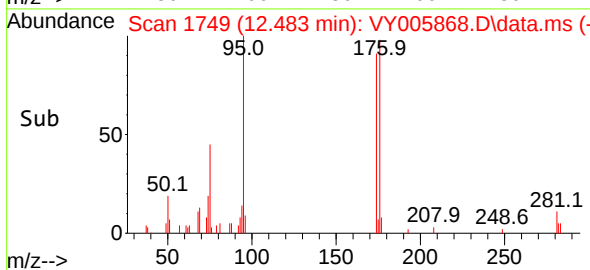
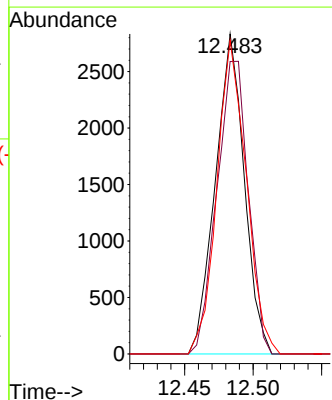
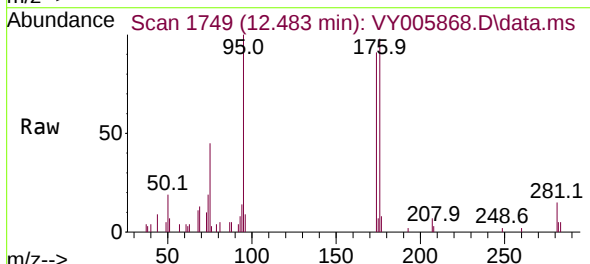
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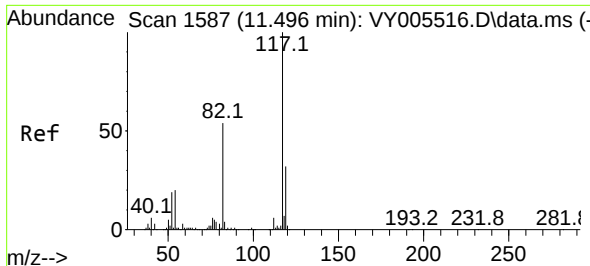
Tgt Ion: 98 Resp: 11692
Ion Ratio Lower Upper
98 100
100 61.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.099 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 95 Resp: 4156
Ion Ratio Lower Upper
95 100
174 99.4 0.0 191.4
176 99.6 0.0 183.6

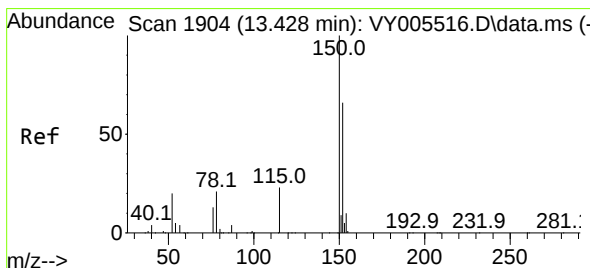
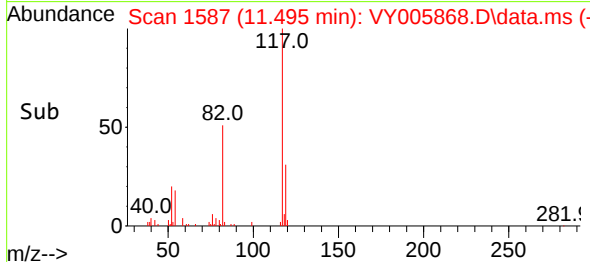
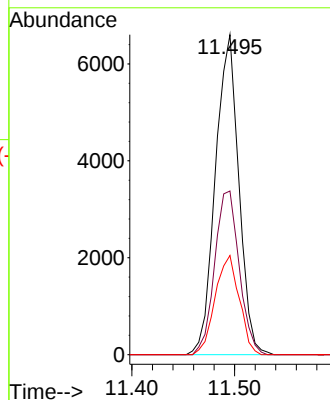
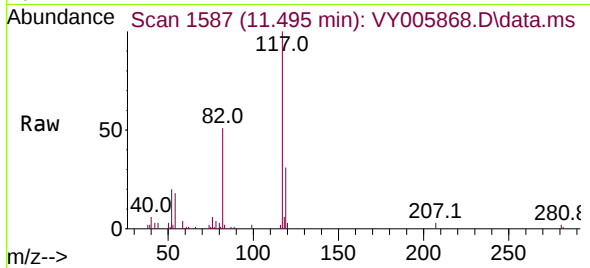




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

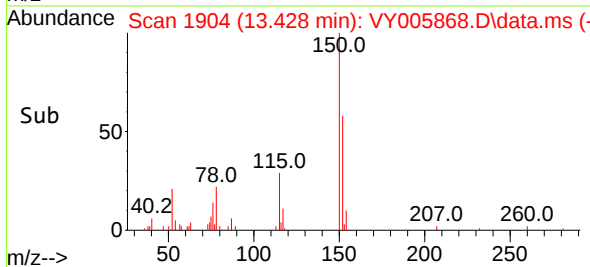
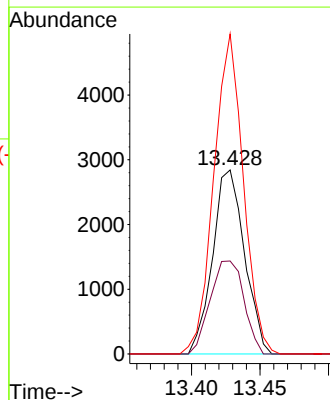
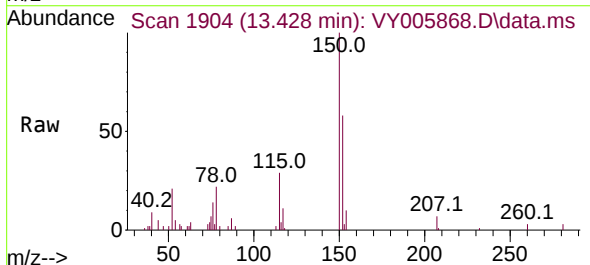
Instrument :
MSVOA_Y
ClientSampleId :
PE-1DRE

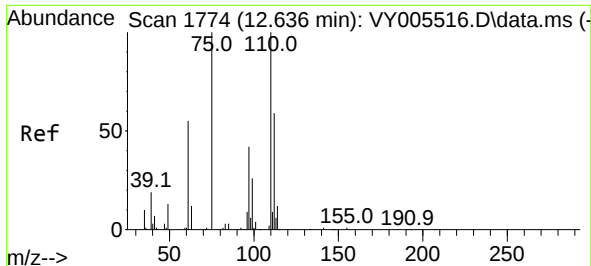
Tgt Ion:	117	Resp:	10439
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.5	65.3
119	31.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion:	152	Resp:	4602
Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.3	81.9
150	160.9	0.0	350.2

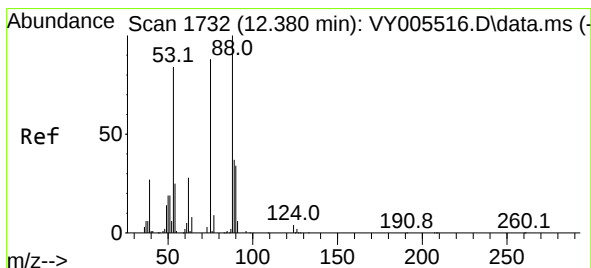
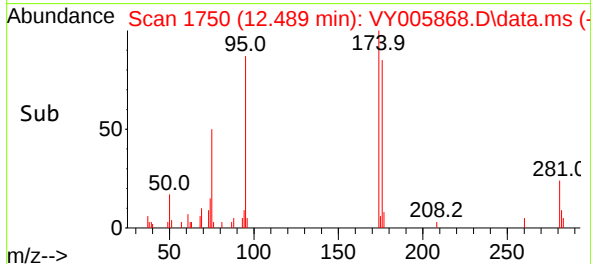
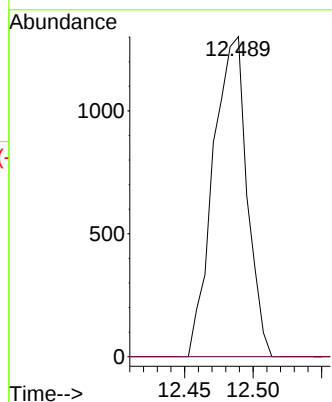
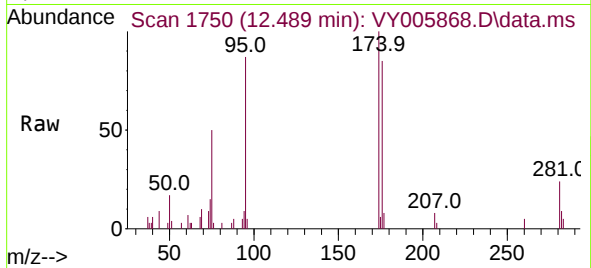




#76
1,2,3-Trichloropropane
Concen: 46.970 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

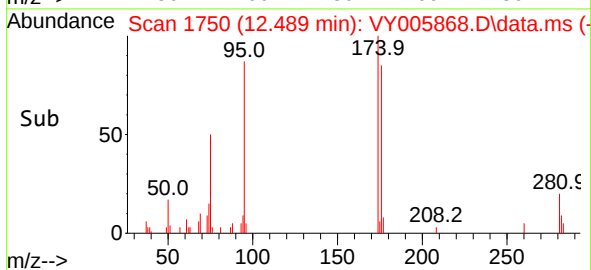
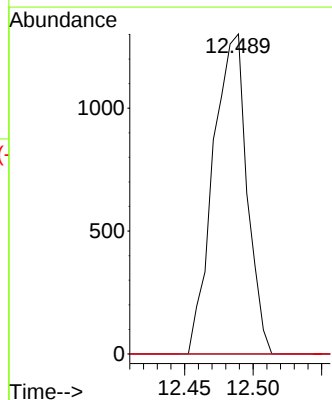
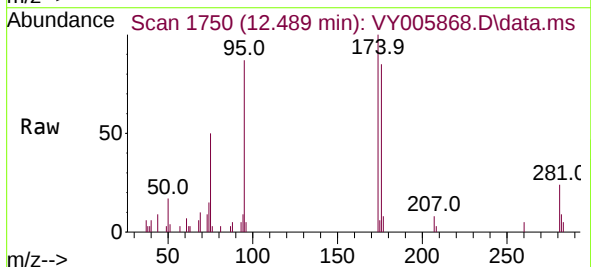
Instrument :
MSVOA_Y
ClientSampleId :
PE-1DRE

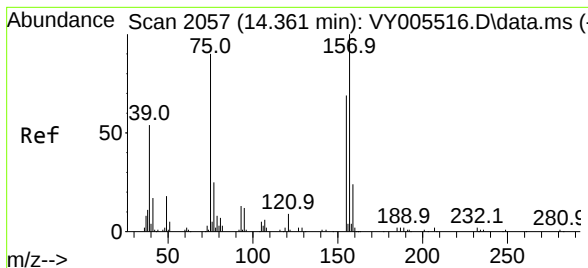
Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 94.685 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY005868.D
Acq: 26 Aug 2021 18:01

Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.391 ug/l
 RT: 14.592 min Scan# 2095
 Delta R.T. 0.231 min
 Lab File: VY005868.D
 Acq: 26 Aug 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1DRE

Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 56.0 168.2#

