

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005837.D
 Acq On : 25 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3528-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 26 03:37:36 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)

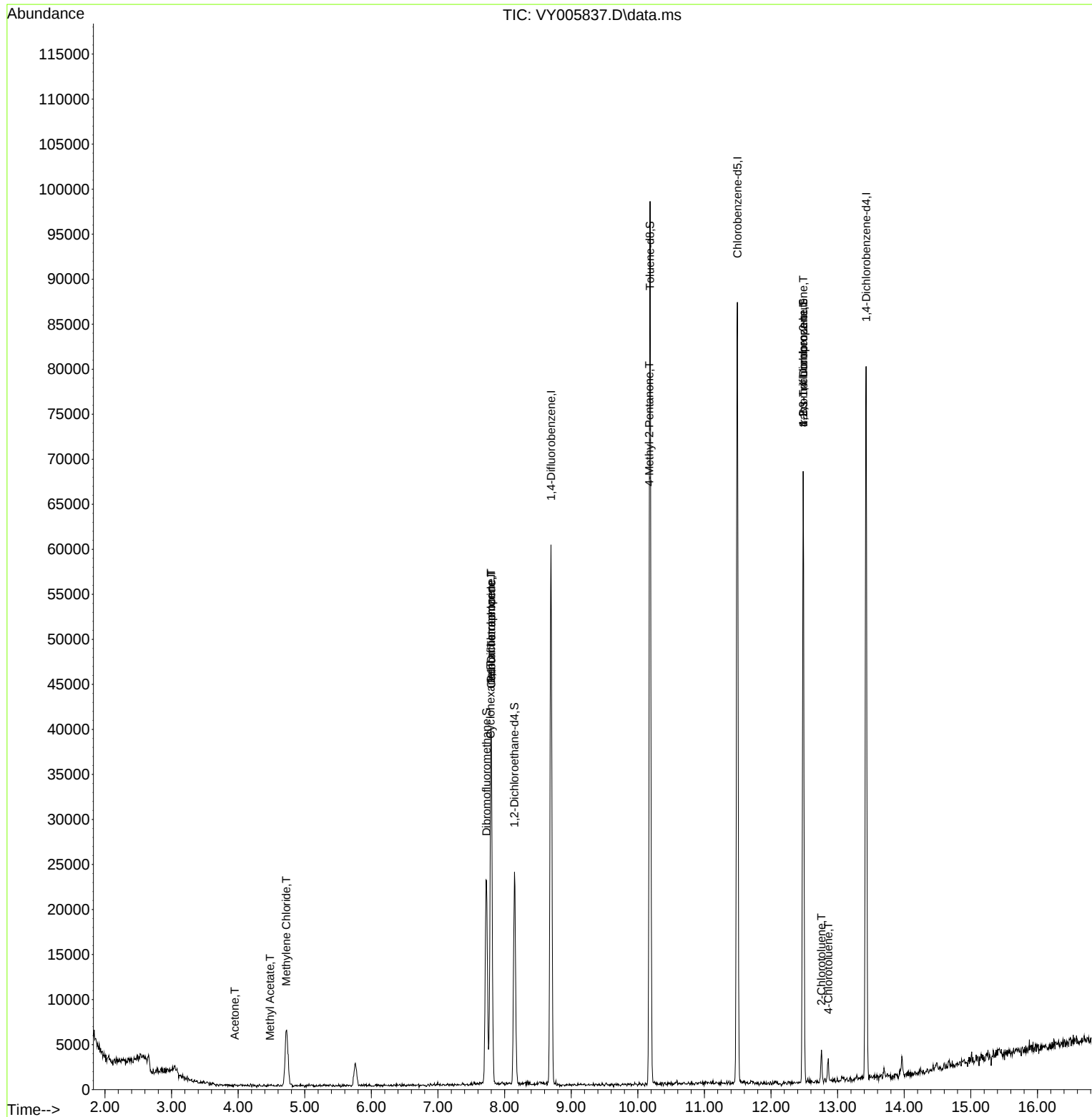
Internal Standards						
1) Pentafluorobenzene	7.795	168	32502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	49947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	47559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18577	56.465	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.920%			
35) Dibromofluoromethane	7.728	113	15894	56.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.680%			
50) Toluene-d8	10.185	98	62555	53.338	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.680%			
62) 4-Bromofluorobenzene	12.483	95	18481	47.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.180%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	223	2.688	ug/l #	86
18) Methyl Acetate	4.479	43	243	1.120	ug/l #	52
20) Methylene Chloride	4.722	84	4937	10.187	ug/l	92
31) Cyclohexane	7.789	56	652	1.155	ug/l #	62
36) 1,1-Dichloropropene	7.795	75	2289	4.886	ug/l #	48
38) Carbon Tetrachloride	7.801	117	3132	6.151	ug/l #	21
51) 4-Methyl-2-Pentanone	10.173	43	329	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	10216	45.062	ug/l #	100
79) 2-Chlorotoluene	12.758	91	1971	1.935	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	10216	90.840	ug/l #	11
82) 4-Chlorotoluene	12.861	91	1568	1.488	ug/l	96

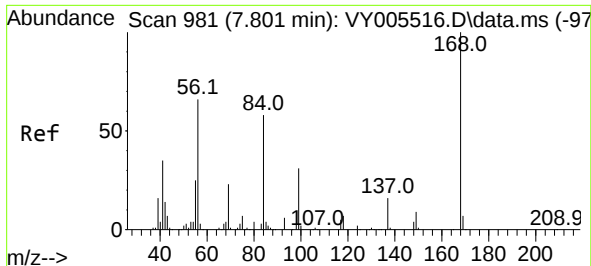
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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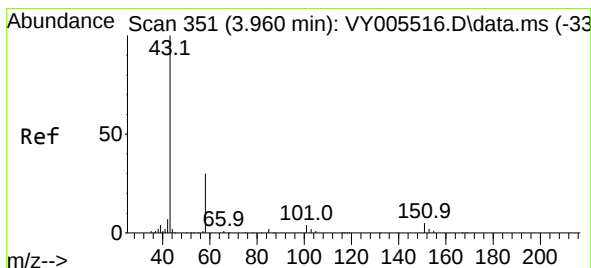
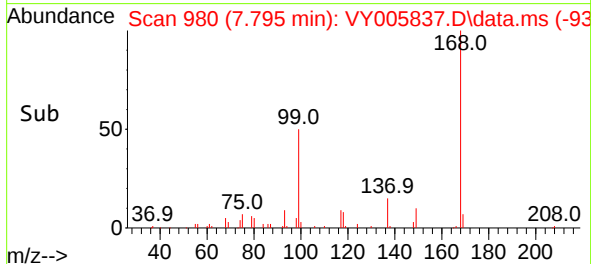
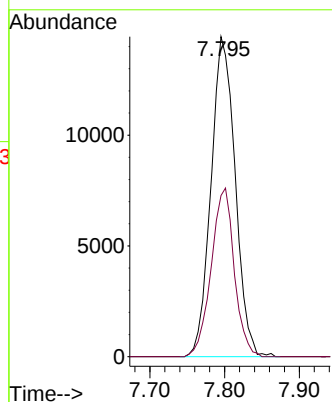
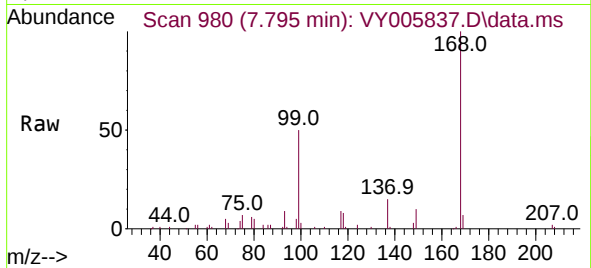




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

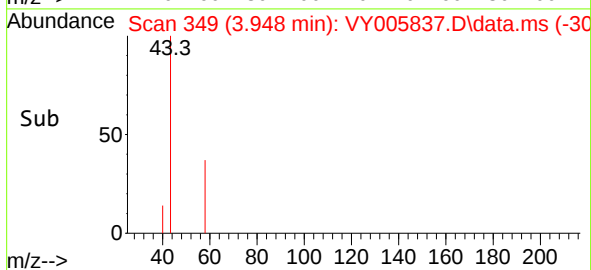
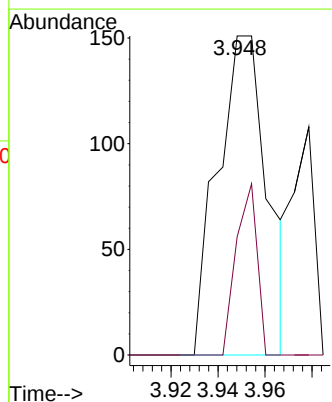
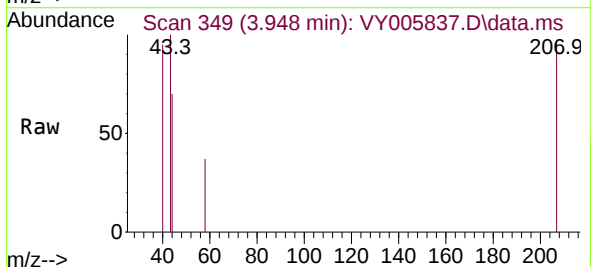
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421

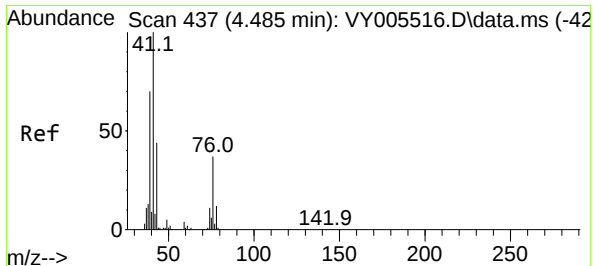
Tgt Ion:168 Resp: 32502
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#16
Acetone
Concen: 2.688 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 37.1 23.8 35.6#

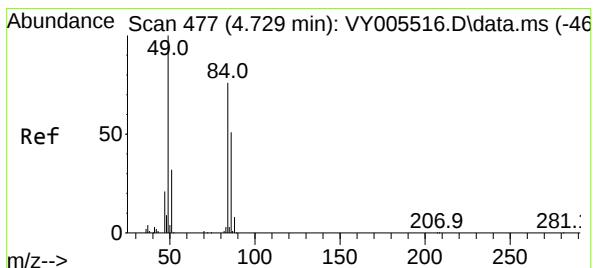
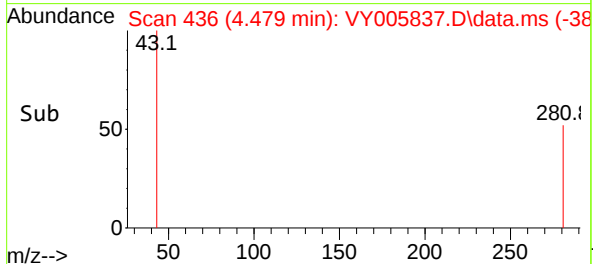
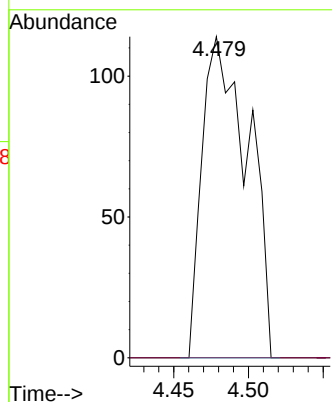
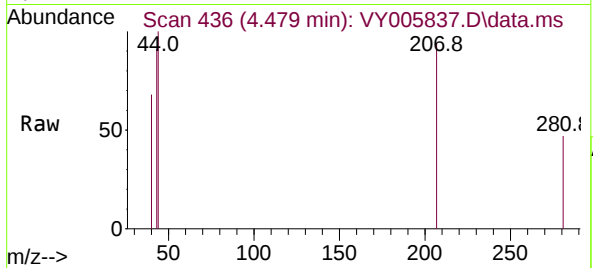




#18
Methyl Acetate
Concen: 1.120 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

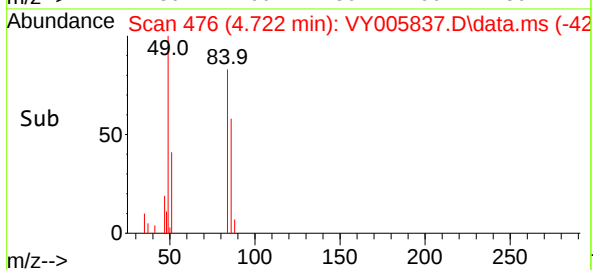
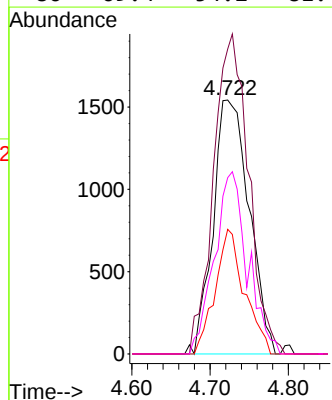
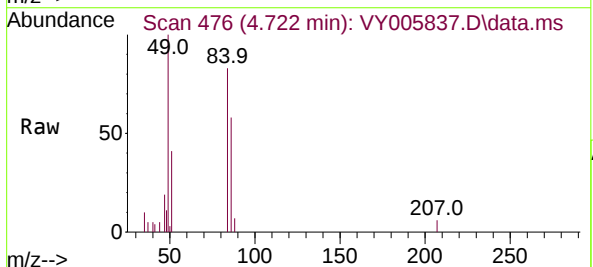
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421

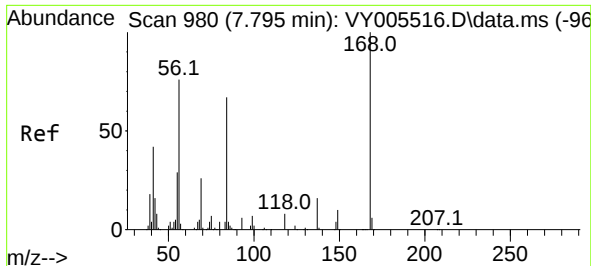
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 10.187 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 84 Resp: 4937
Ion Ratio Lower Upper
84 100
49 120.1 105.8 158.6
51 49.1 33.4 50.2
86 69.4 54.2 81.4

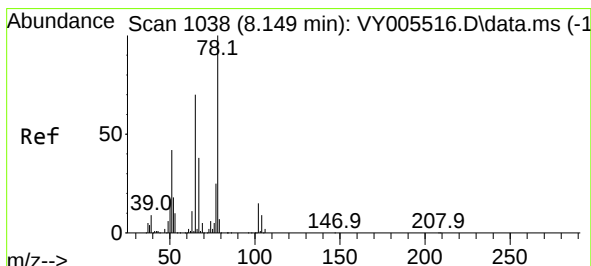
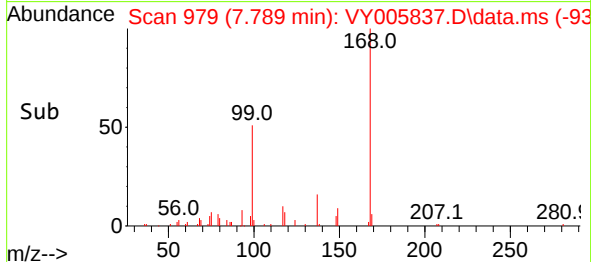
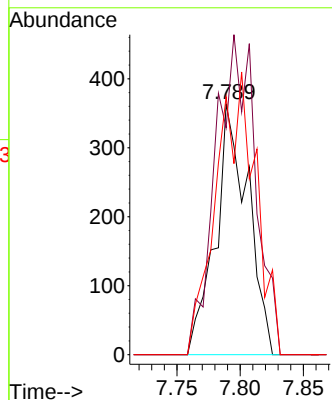
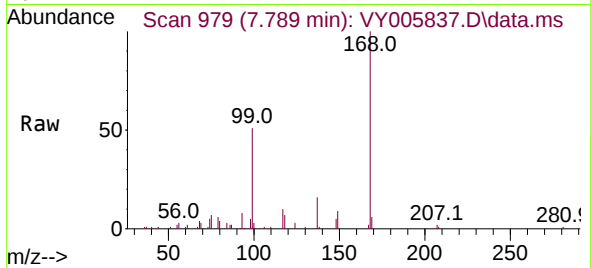




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

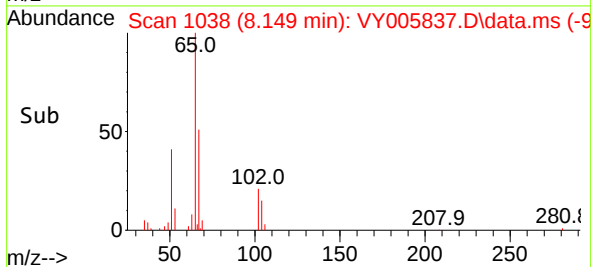
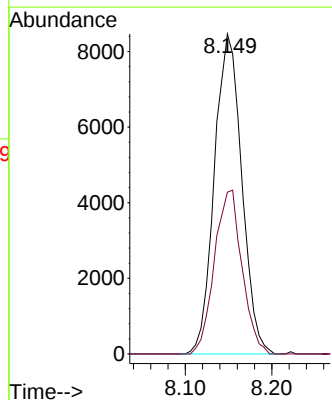
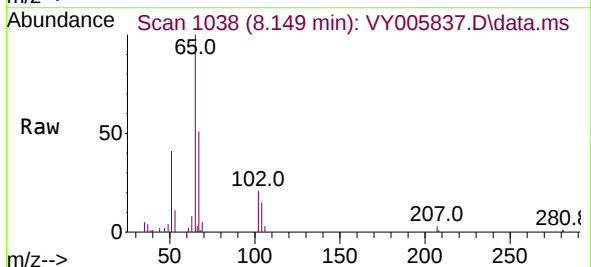
Instrument :
MSVOA_Y
ClientSampled :
PT-3-082421

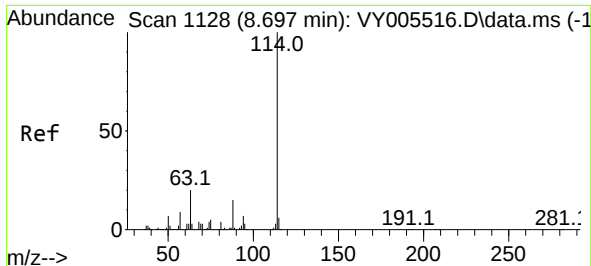
Tgt Ion: 56 Resp: 652
Ion Ratio Lower Upper
56 100
69 90.6 27.7 41.5#
84 103.0 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 56.465 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 65 Resp: 18577
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

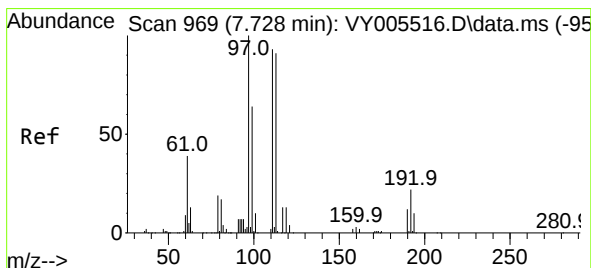
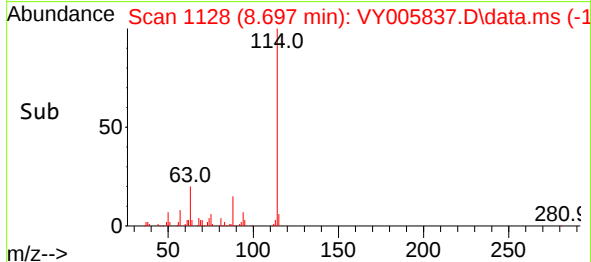
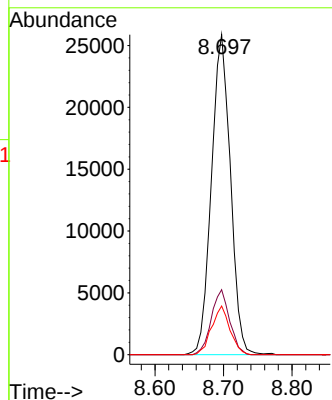
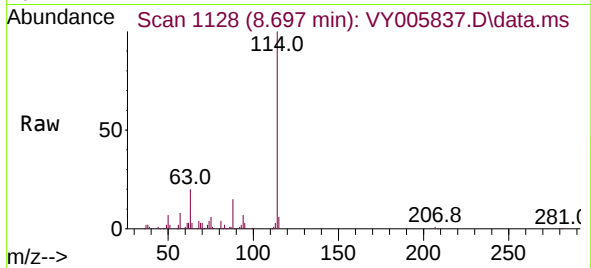




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

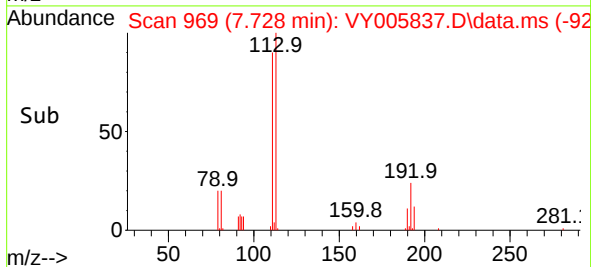
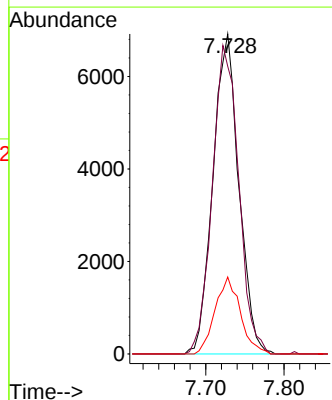
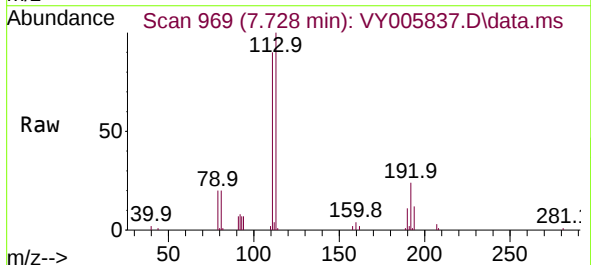
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421

Tgt Ion:	114	Resp:	49947
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	39.2
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 56.837 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion:	113	Resp:	15894
Ion Ratio	Lower	Upper	
113	100		
111	98.4	81.9	122.9
192	23.4	19.2	28.8

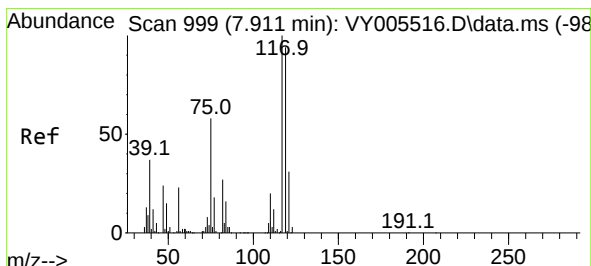
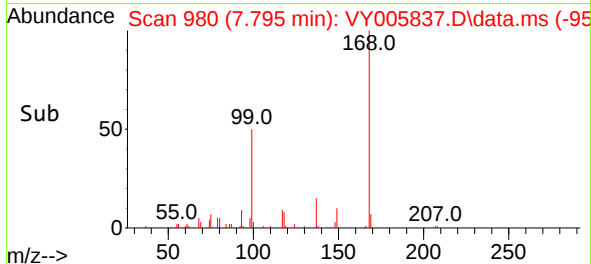
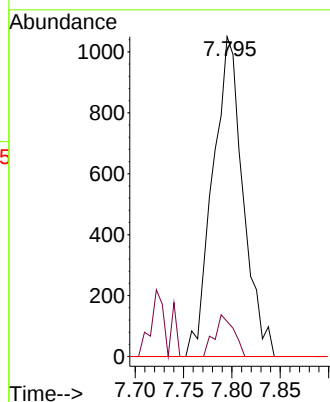
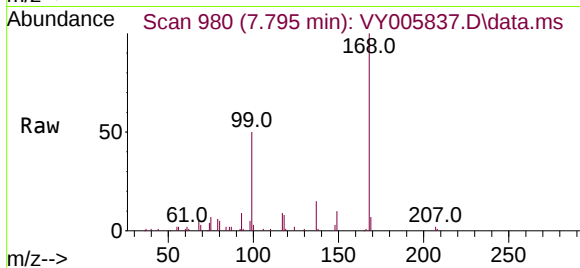




#36
 1,1-Dichloropropene
 Concen: 4.886 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

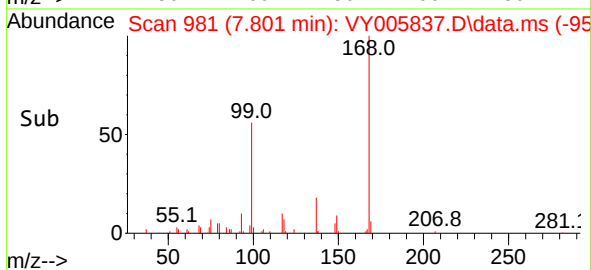
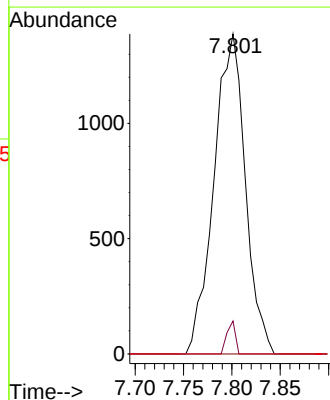
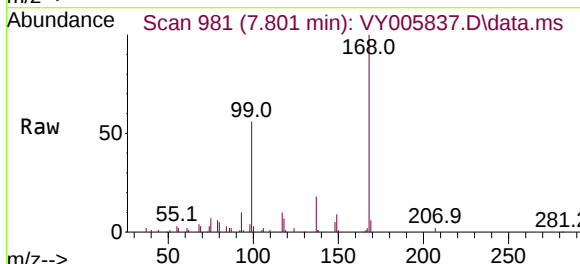
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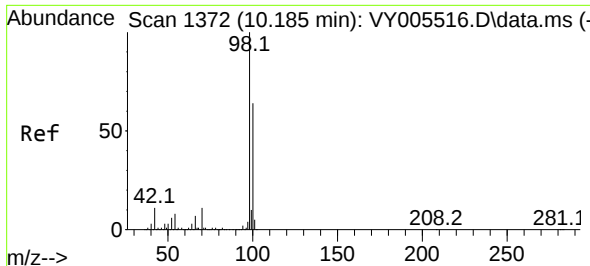
Tgt Ion:	75	Resp:	2289
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.151 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

Tgt Ion:	117	Resp:	3132
Ion	Ratio	Lower	Upper
117	100		
119	10.3	75.4	113.0#
121	0.0	25.1	37.7#

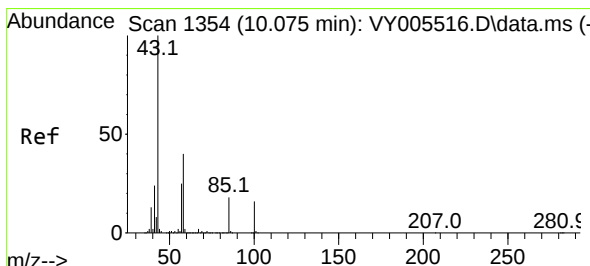
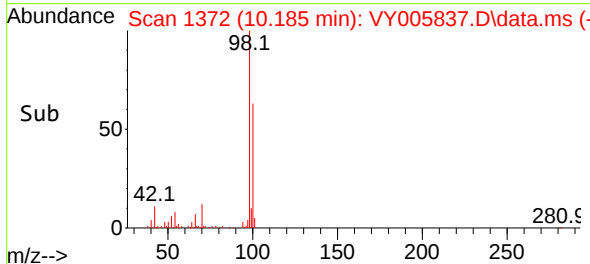
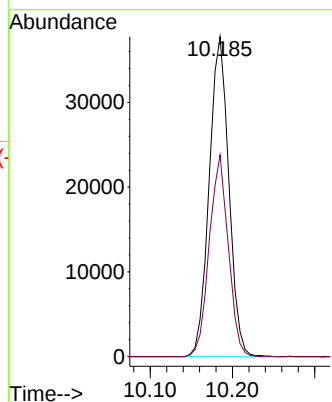
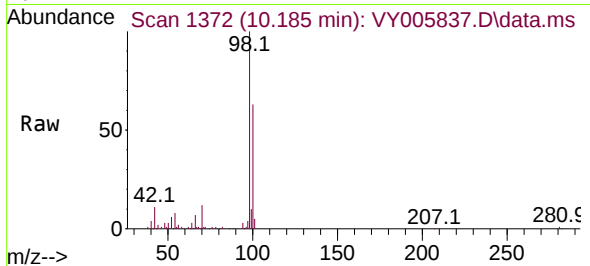




#50
Toluene-d8
Concen: 53.338 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

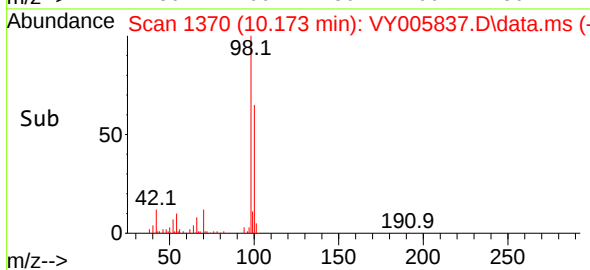
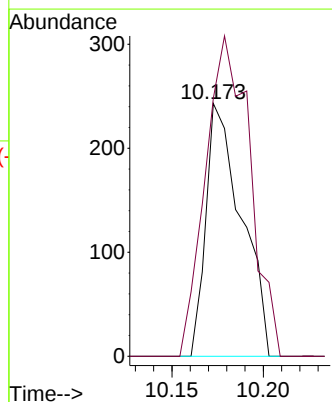
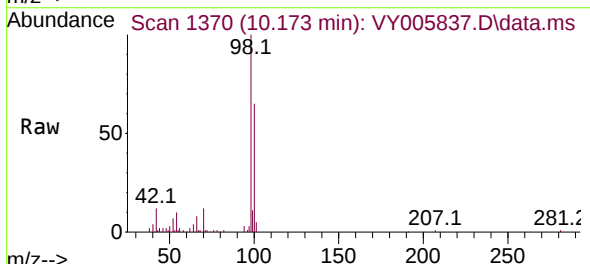
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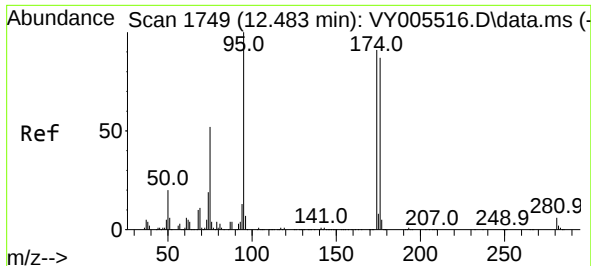
Tgt Ion: 98 Resp: 62555
Ion Ratio Lower Upper
98 100
100 61.2 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.163 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.097 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 158.1 31.4 47.2#

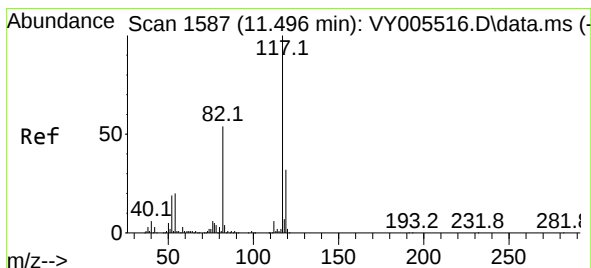
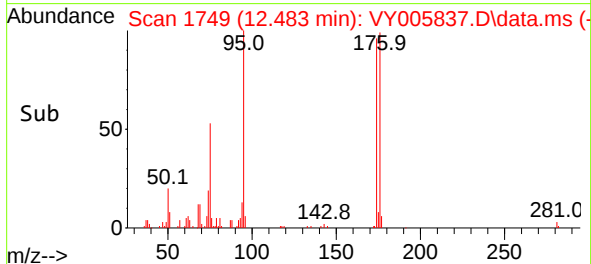
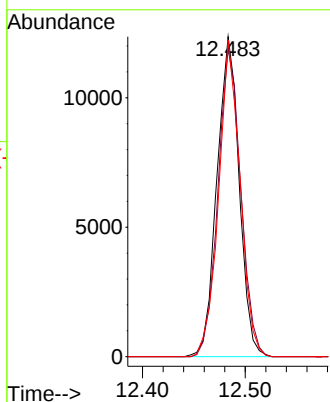
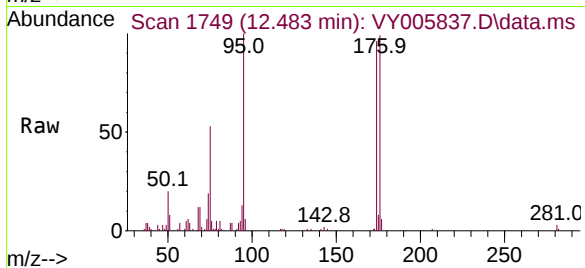




#62
4-Bromofluorobenzene
Concen: 47.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

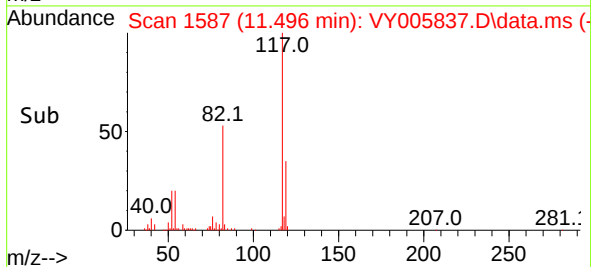
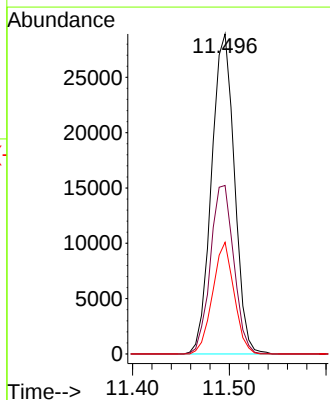
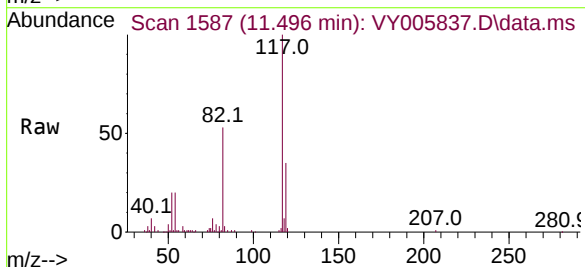
Instrument :
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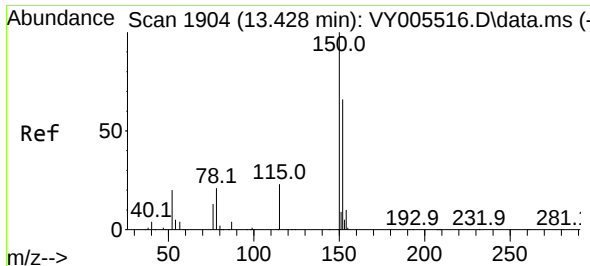
Tgt Ion:	95	Resp:	18481
Ion	Ratio	Lower	Upper
95	100		
174	99.1	0.0	191.4
176	95.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion:	117	Resp:	47559
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.5	65.3
119	34.9	25.5	38.3

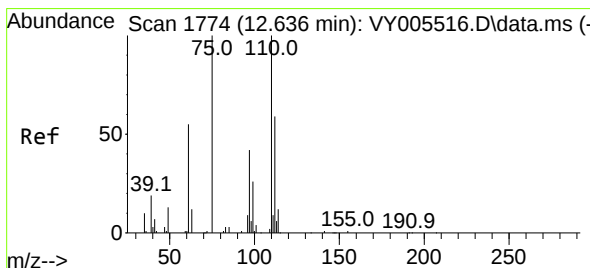
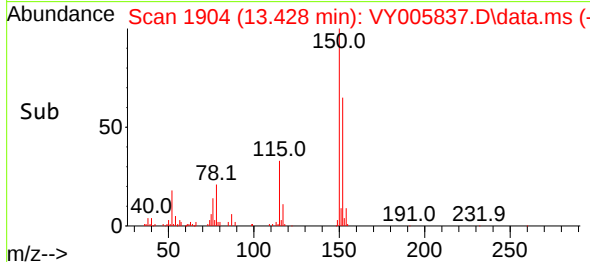
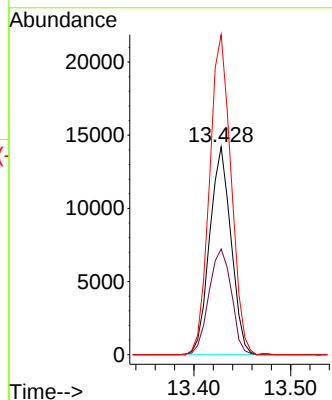
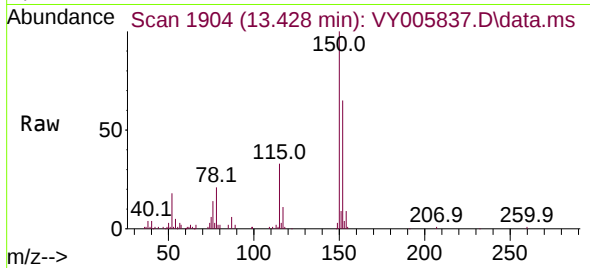




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

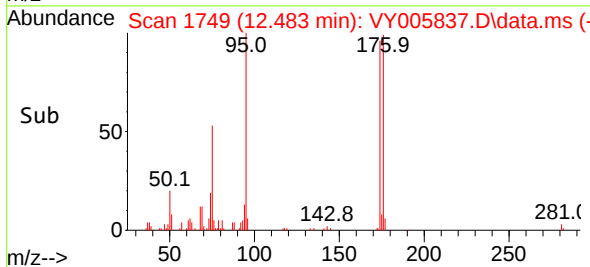
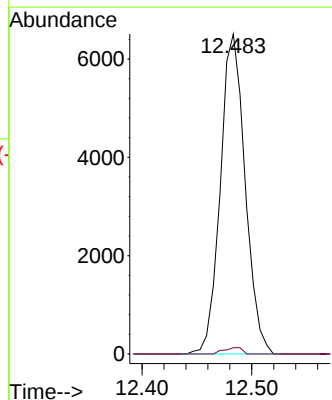
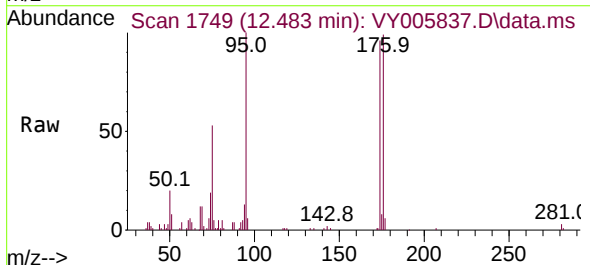
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421

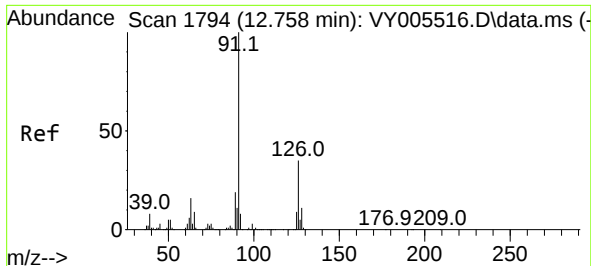
Tgt Ion:152 Resp: 21877
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.3 81.9
 150 154.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.062 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

Tgt Ion: 75 Resp: 10216
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

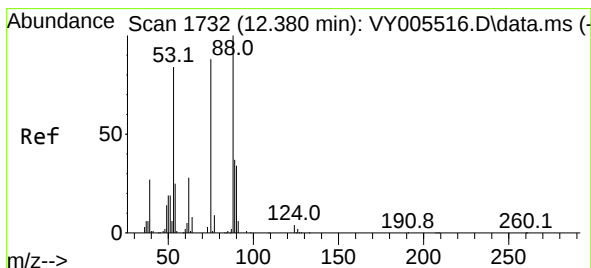
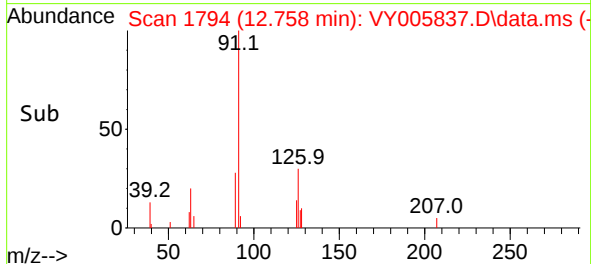
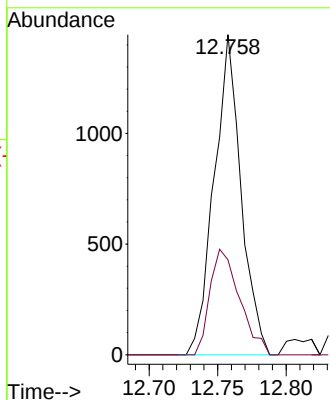
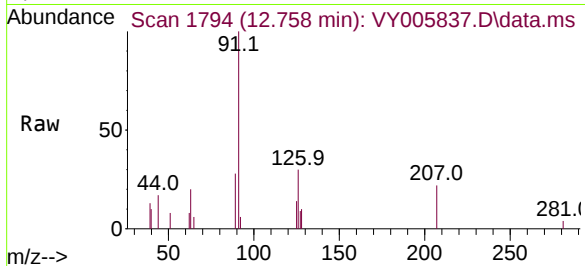




#79
2-Chlorotoluene
Concen: 1.935 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

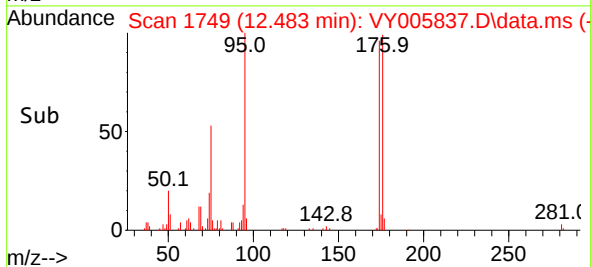
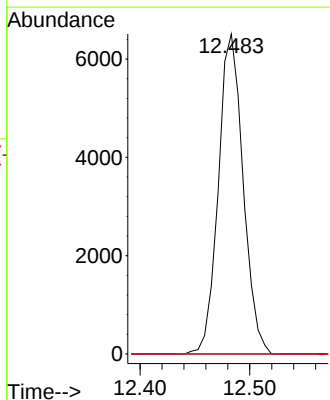
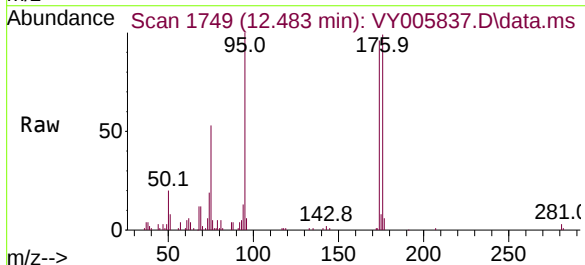
Instrument :
MSVOA_Y
ClientSampleId :
PT-3-082421

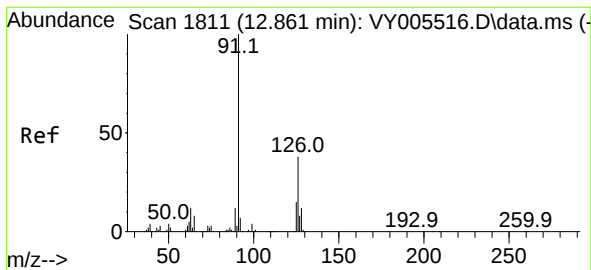
Tgt Ion: 91 Resp: 1971
Ion Ratio Lower Upper
91 100
126 36.5 17.5 52.6



#81
trans-1,4-Dichloro-2-butene
Concen: 90.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 75 Resp: 10216
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#82
 4-Chlorotoluene
 Concen: 1.488 ug/l
 RT: 12.861 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421

Tgt Ion: 91 Resp: 1568
 Ion Ratio Lower Upper
 91 100
 126 32.6 17.5 52.5

