

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005839.D
 Acq On : 25 Aug 2021 14:52
 Operator : SY/MD
 Sample : M3524-04
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Aug 26 03:37:53 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)

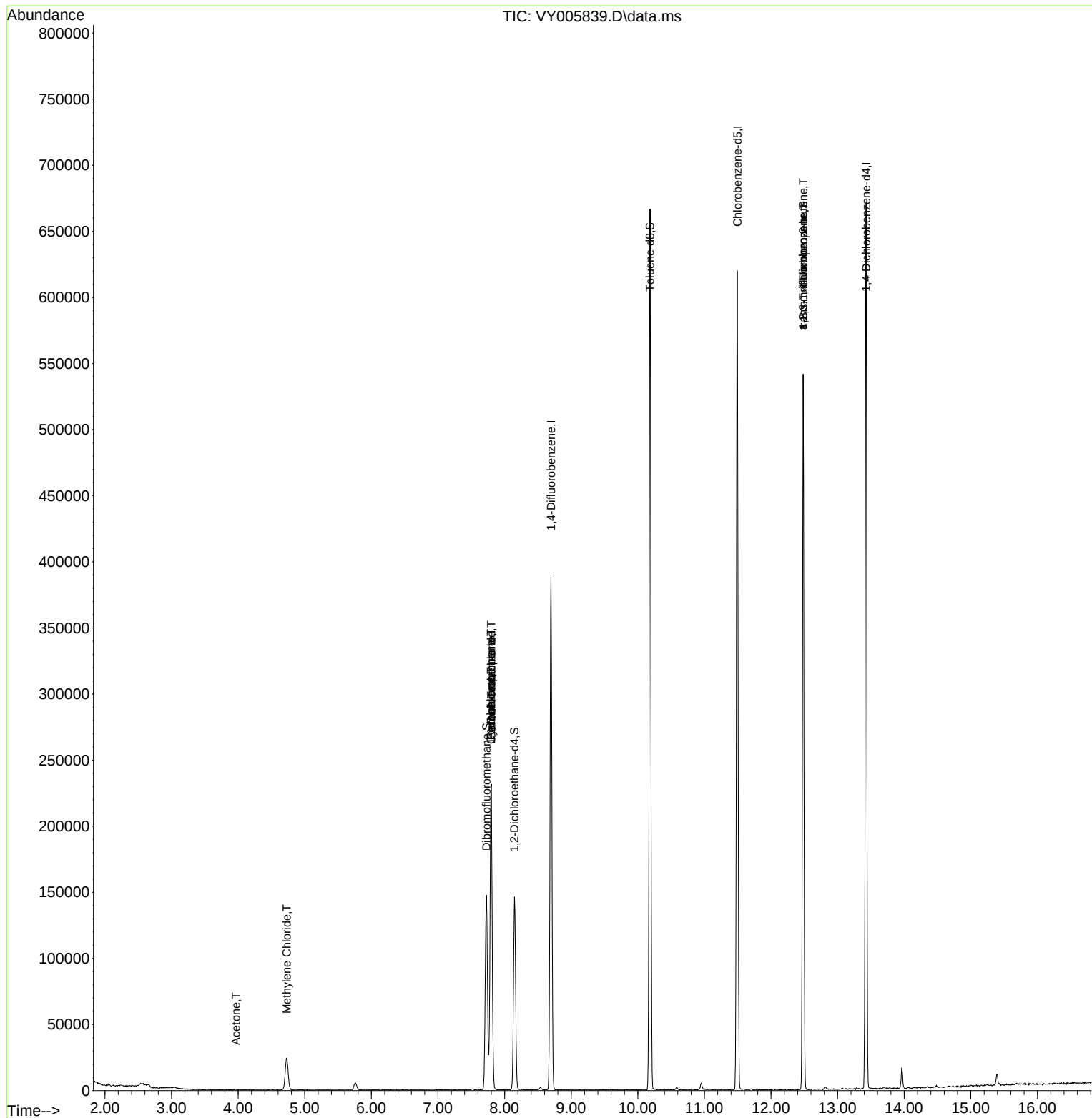
Internal Standards						
1) Pentafluorobenzene	7.801	168	187545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119471	62.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.860%	
35) Dibromofluoromethane	7.728	113	99916	54.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.360%	
50) Toluene-d8	10.185	98	421544	55.011	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.483	95	148080	58.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	764	1.596	ug/l #	88
20) Methylene Chloride	4.728	84	18563	4.233	ug/l	91
31) Cyclohexane	7.795	56	3629	1.114	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	12892	4.212	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17348	5.215	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80632	44.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80632	90.184	ug/l #	11

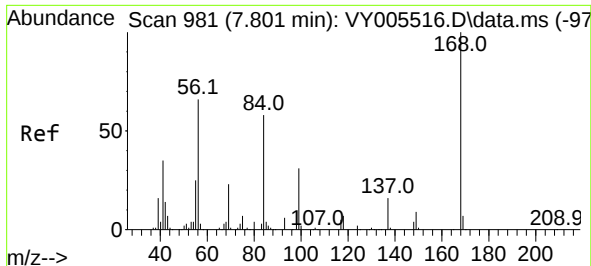
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
PE-4

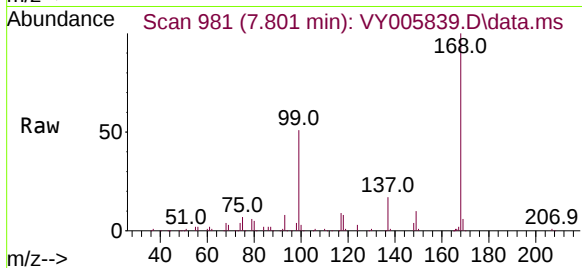
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration



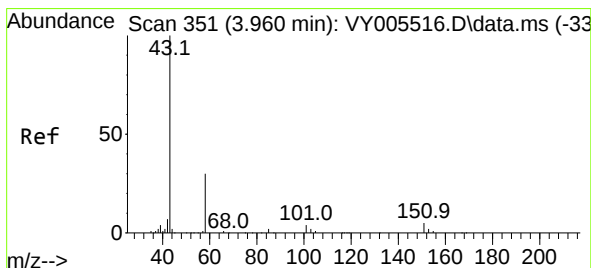
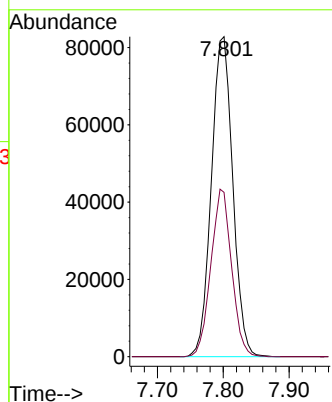
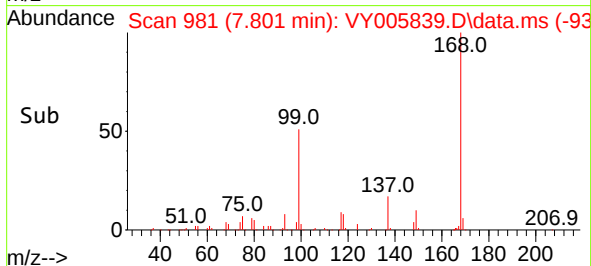


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

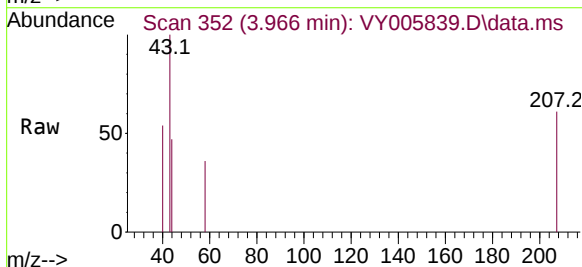
Instrument :
MSVOA_Y
ClientSampled :
PE-4



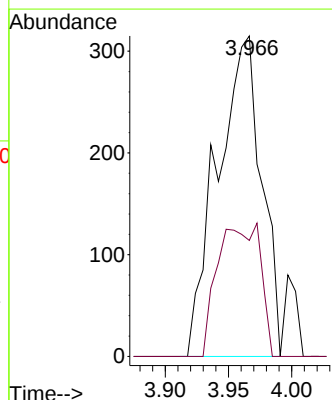
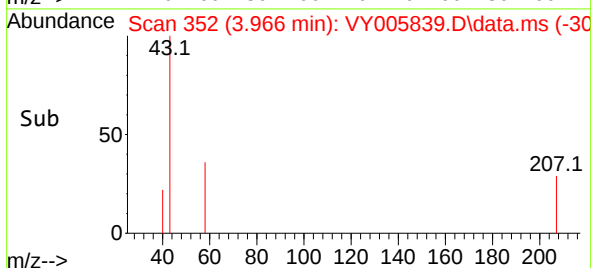
Tgt Ion:168 Resp: 187545
Ion Ratio Lower Upper
168 100
99 51.3 38.9 58.3

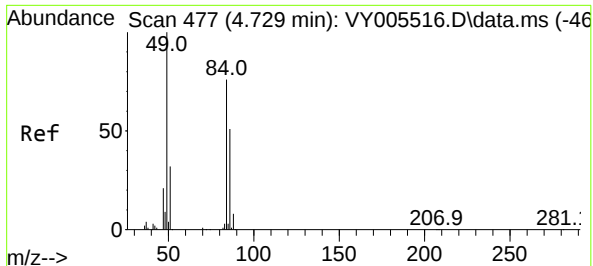


#16
Acetone
Concen: 1.596 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52



Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 36.2 23.8 35.6#

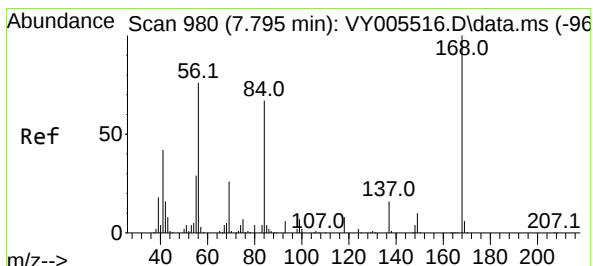
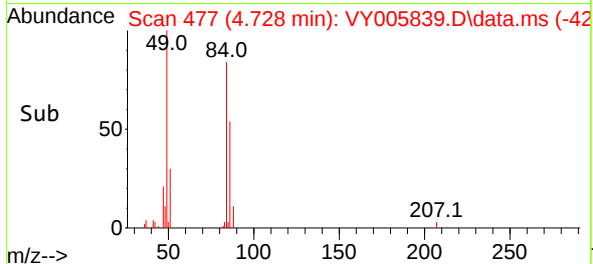
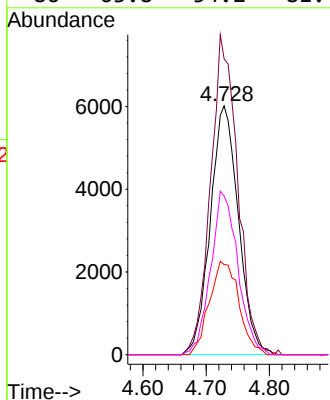
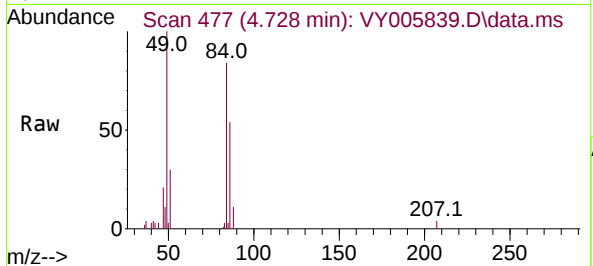




#20
Methylene Chloride
Concen: 4.233 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

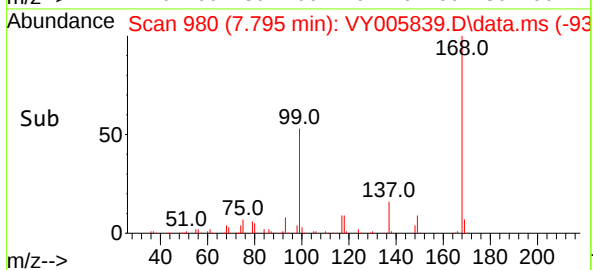
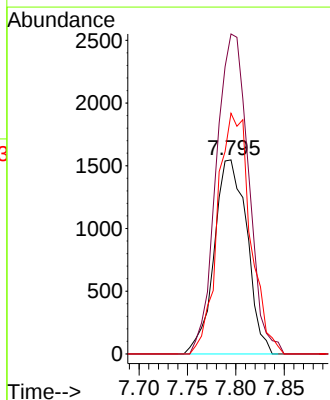
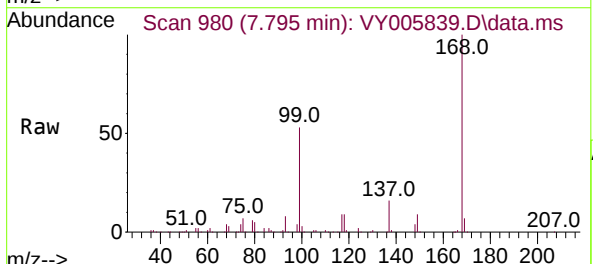
Instrument :
MSVOA_Y
ClientSampled :
PE-4

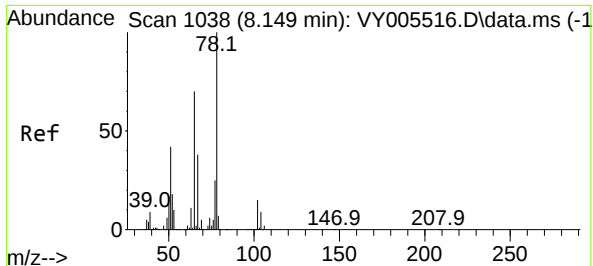
Tgt Ion:	84	Resp:	18563
Ion	Ratio	Lower	Upper
84	100		
49	119.0	105.8	158.6
51	36.2	33.4	50.2
86	63.8	54.2	81.4



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

Tgt Ion:	56	Resp:	3629
Ion	Ratio	Lower	Upper
56	100		
69	164.9	27.7	41.5#
84	124.0	70.9	106.3#

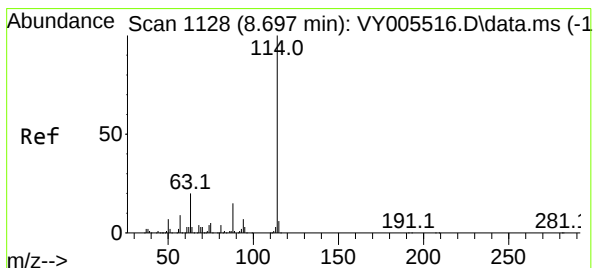
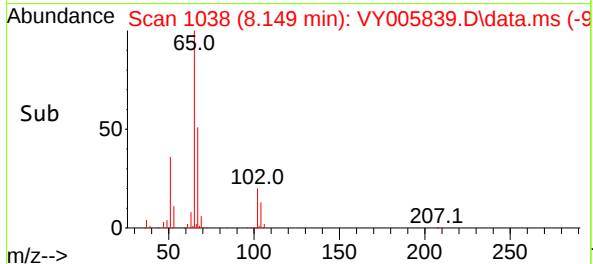
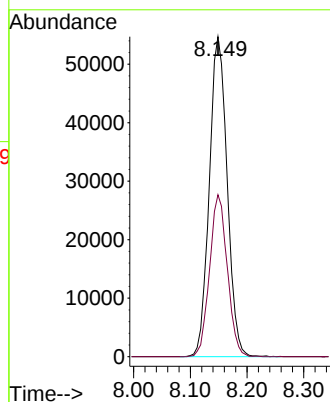
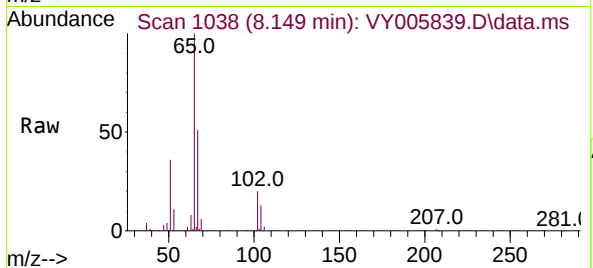




#33
 1,2-Dichloroethane-d4
 Concen: 62.932 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005839.D
 Acq: 25 Aug 2021 14:52

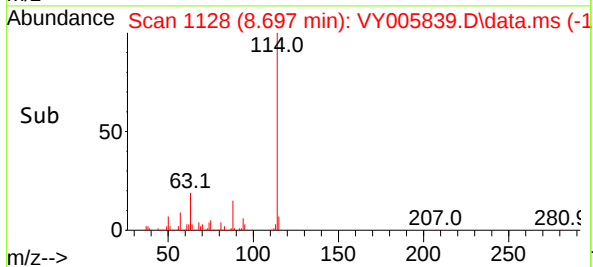
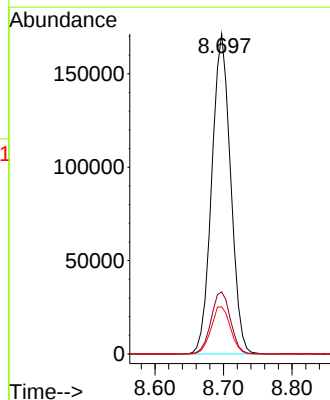
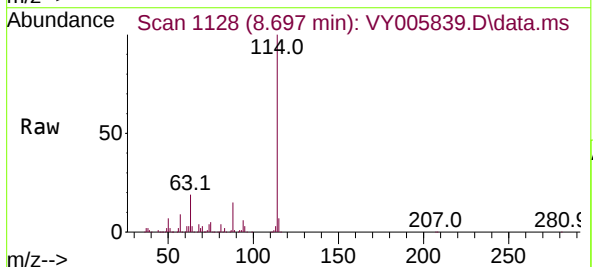
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-4

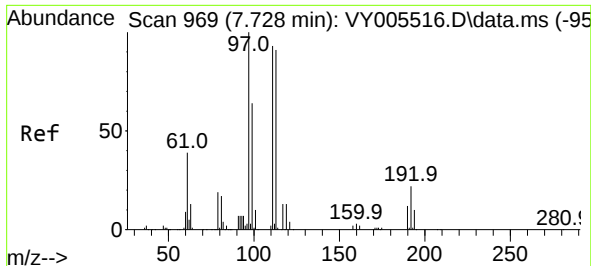
Tgt Ion: 65 Resp: 119471
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005839.D
 Acq: 25 Aug 2021 14:52

Tgt Ion:114 Resp: 326346
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.7 0.0 30.8

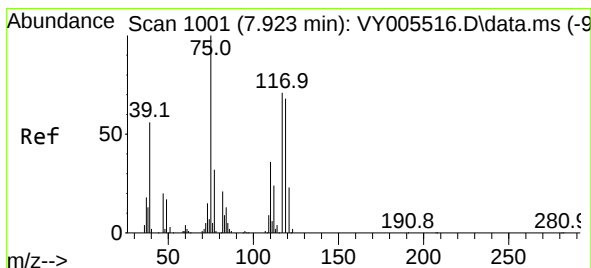
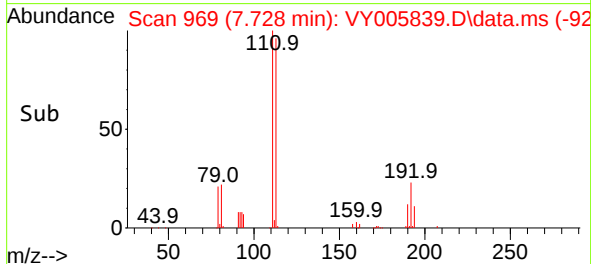
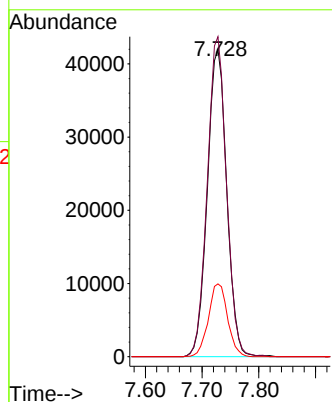
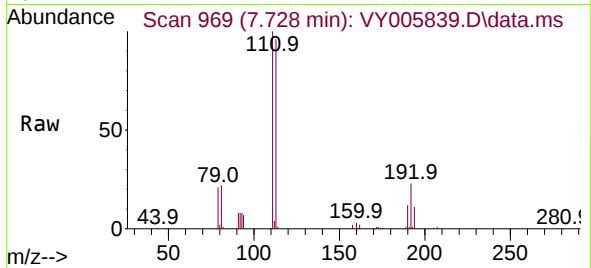




#35
Dibromofluoromethane
Concen: 54.685 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

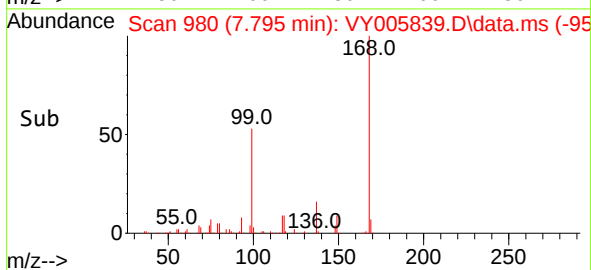
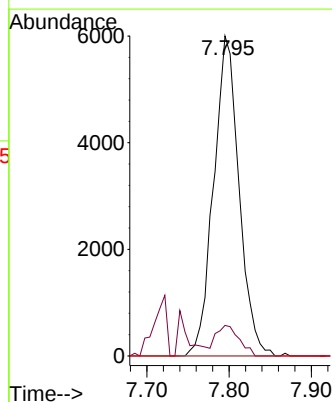
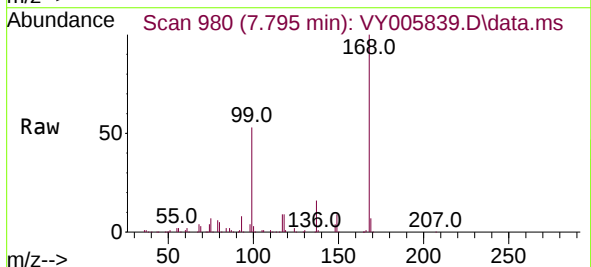
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

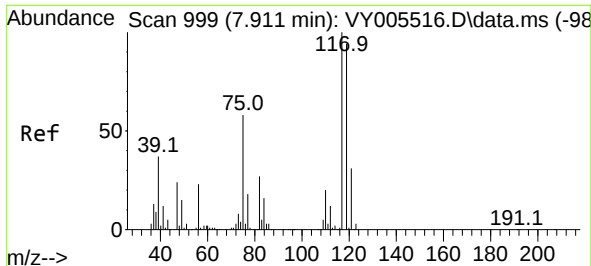
Tgt Ion:113 Resp: 99916
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

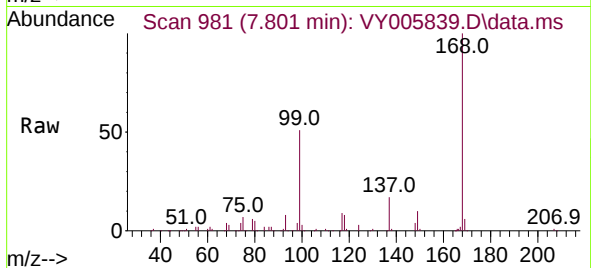
Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.1#
77 0.0 25.1 37.7#



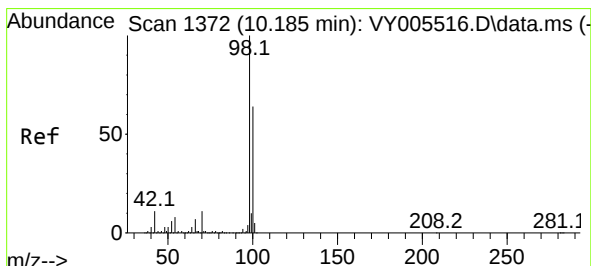
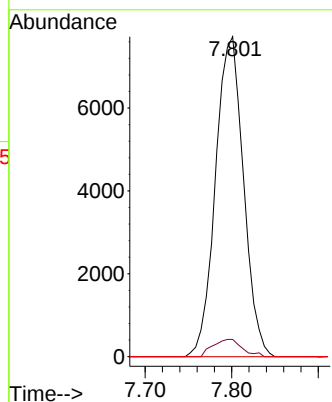
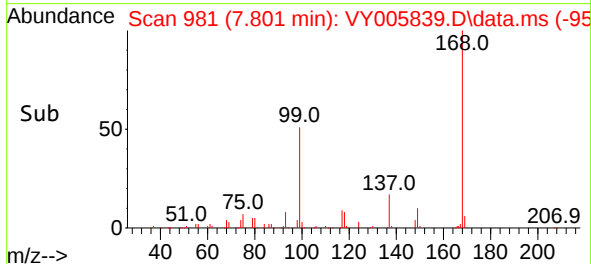


#38
Carbon Tetrachloride
Concen: 5.215 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

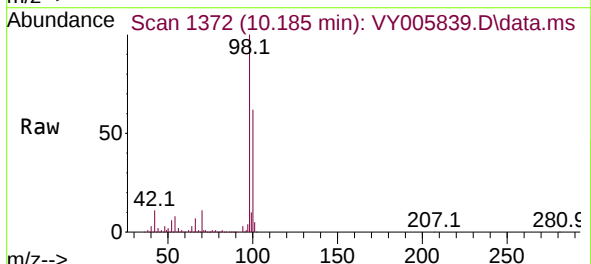
Instrument :
MSVOA_Y
ClientSampleId :
PE-4



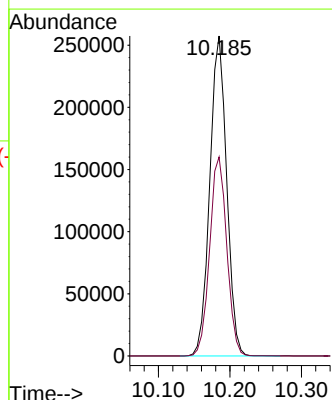
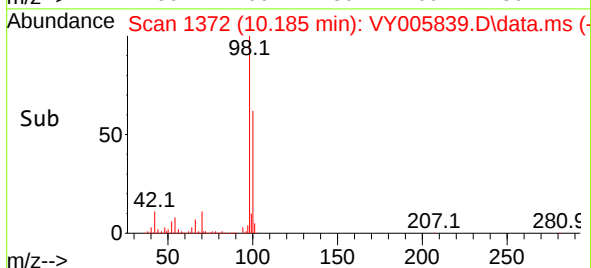
Tgt Ion:117 Resp: 17348
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.0#
121 0.0 25.1 37.7#

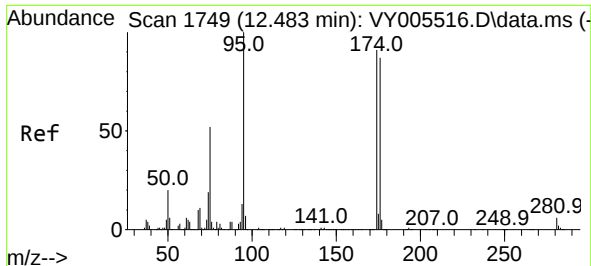


#50
Toluene-d8
Concen: 55.011 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52



Tgt Ion: 98 Resp: 421544
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

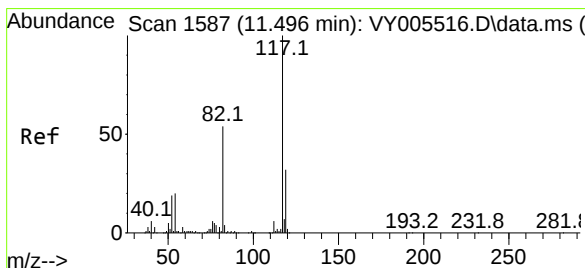
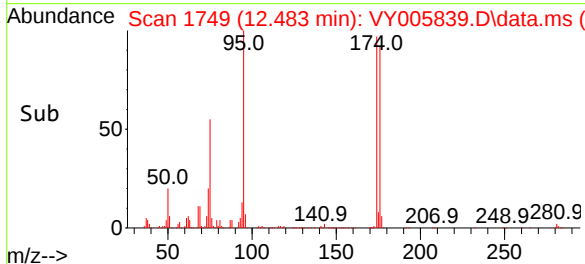
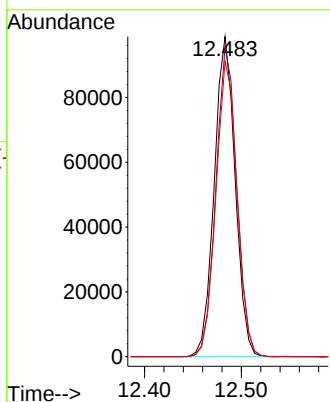
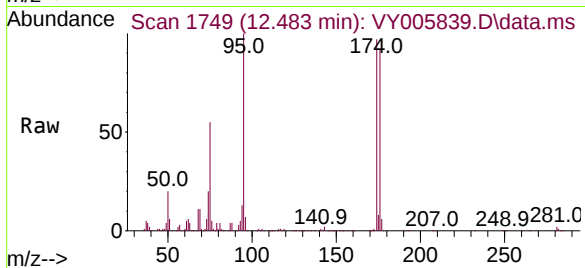




#62
4-Bromofluorobenzene
Concen: 58.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

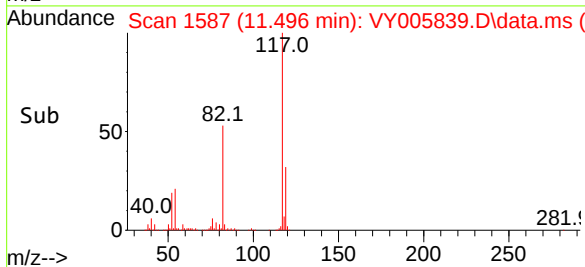
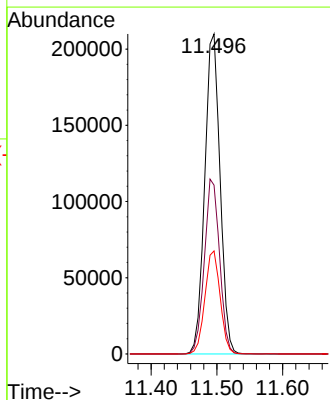
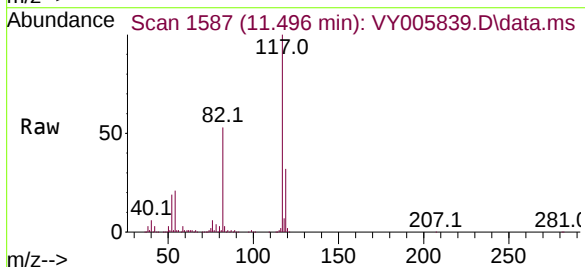
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

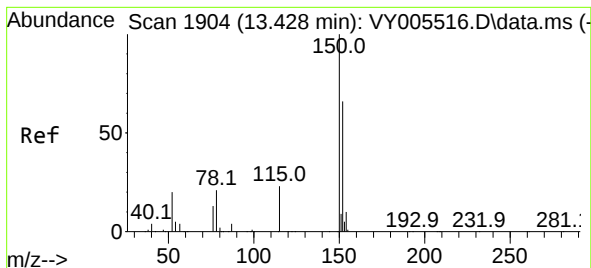
Tgt Ion: 95 Resp: 148080
Ion Ratio Lower Upper
95 100
174 96.9 0.0 191.4
176 93.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005839.D
Acq: 25 Aug 2021 14:52

Tgt Ion: 117 Resp: 340333
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.2 25.5 38.3

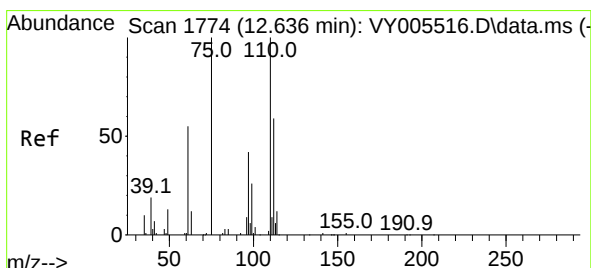
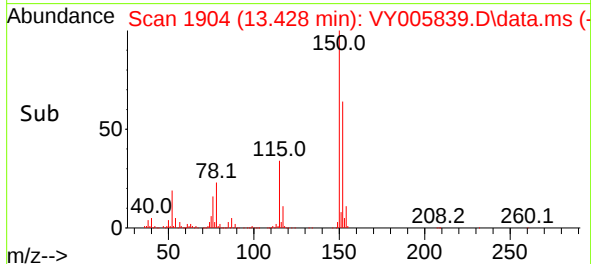
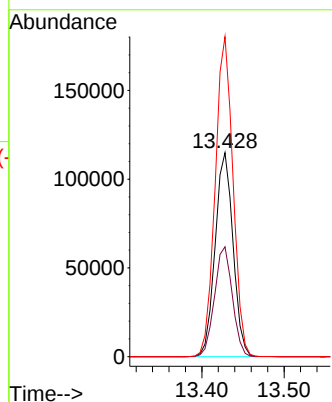
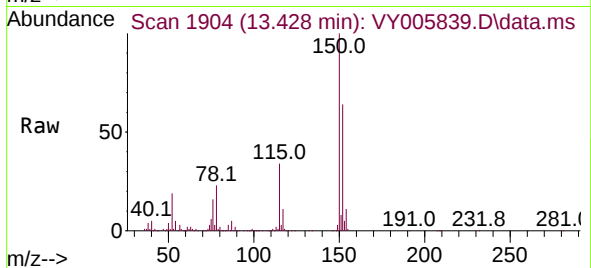




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005839.D
 Acq: 25 Aug 2021 14:52

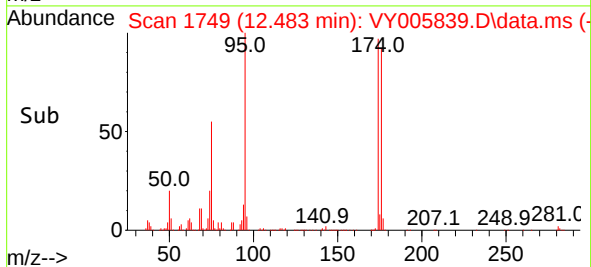
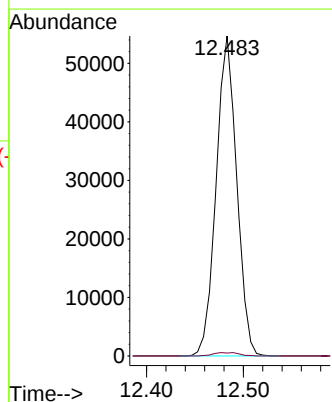
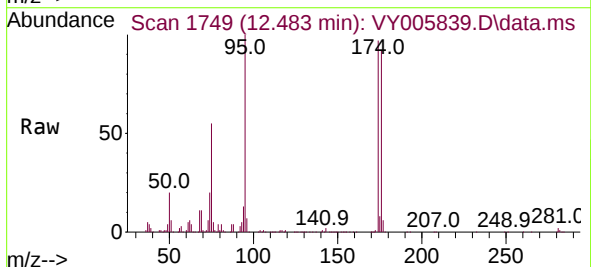
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

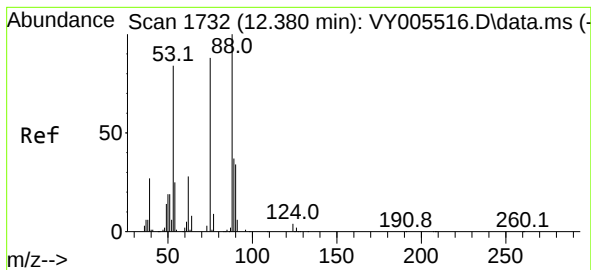
Tgt Ion:152 Resp: 173924
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 156.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.737 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005839.D
 Acq: 25 Aug 2021 14:52

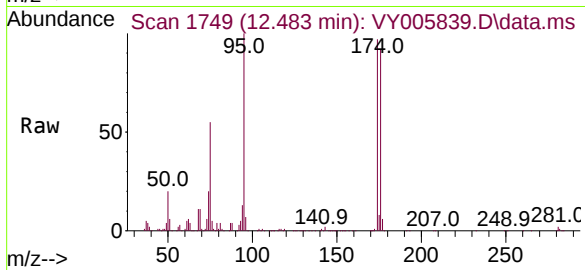
Tgt Ion: 75 Resp: 80632
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.184 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005839.D
 Acq: 25 Aug 2021 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.4	57.6#

