

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005840.D
 Acq On : 25 Aug 2021 15:16
 Operator : SY/MD
 Sample : M3524-05
 Misc : 5.087G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Aug 26 03:38:00 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)

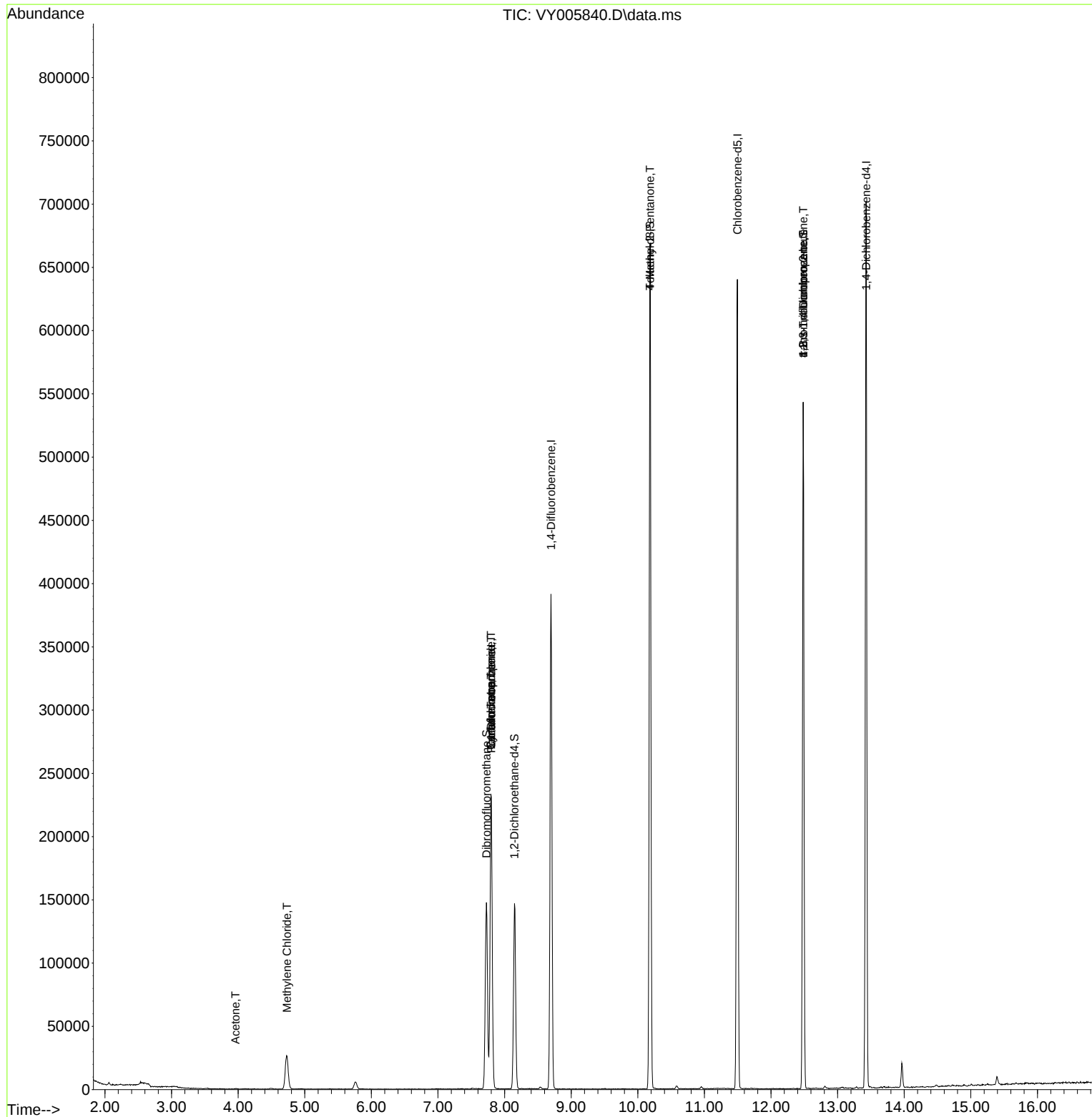
Internal Standards						
1) Pentafluorobenzene	7.801	168	188565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	345766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118987	62.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.728	113	99559	53.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.185	98	430449	55.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.483	95	149733	57.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	591	1.228	ug/l #	78
20) Methylene Chloride	4.734	84	20607	5.393	ug/l	90
31) Cyclohexane	7.795	56	3774	1.153	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	13468	4.308	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17381	5.116	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1936	1.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83776	45.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83776	91.327	ug/l #	11

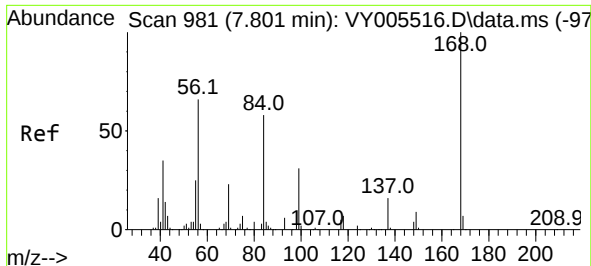
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
PE-5

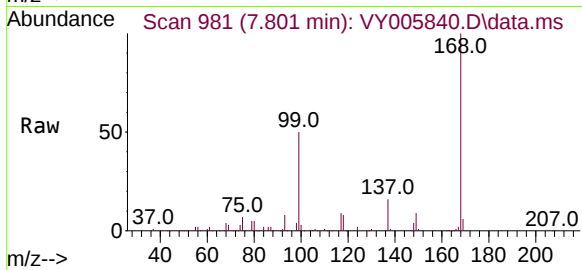
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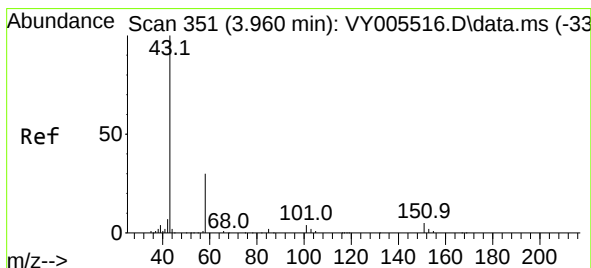
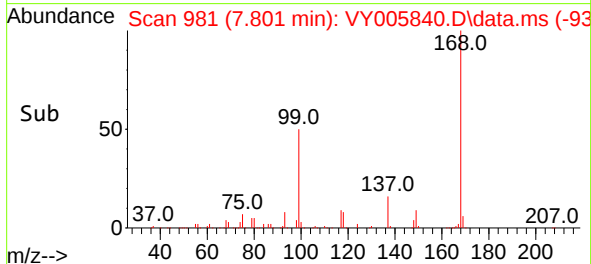
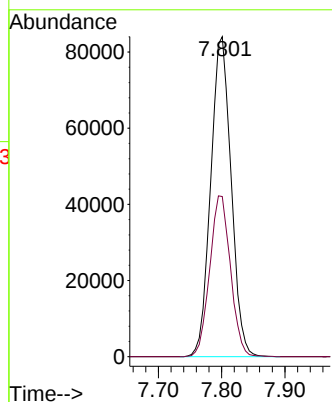


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Instrument :
MSVOA_Y
ClientSampled :
PE-5

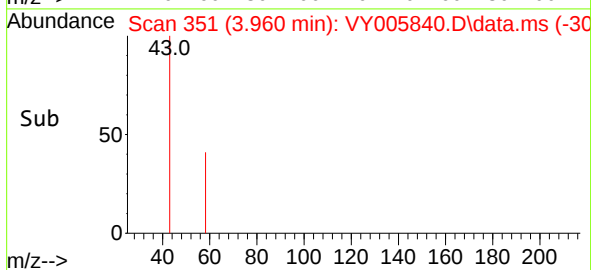
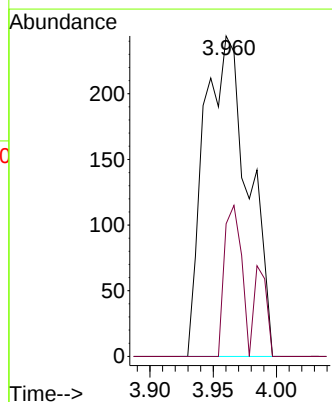
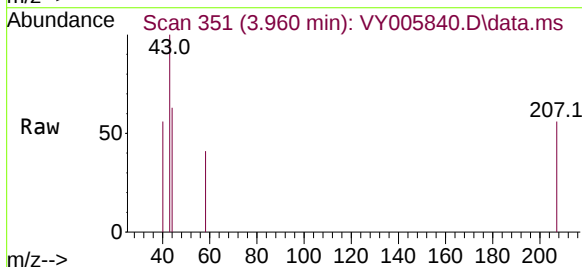


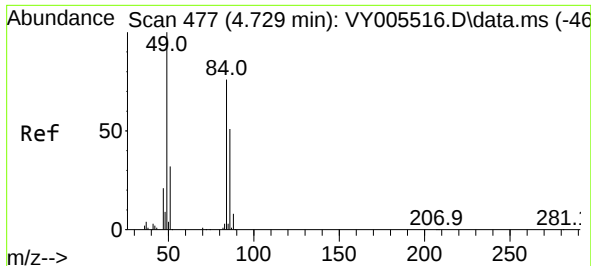
Tgt Ion:168 Resp: 188565
Ion Ratio Lower Upper
168 100
99 50.0 38.9 58.3



#16
Acetone
Concen: 1.228 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 41.4 23.8 35.6#

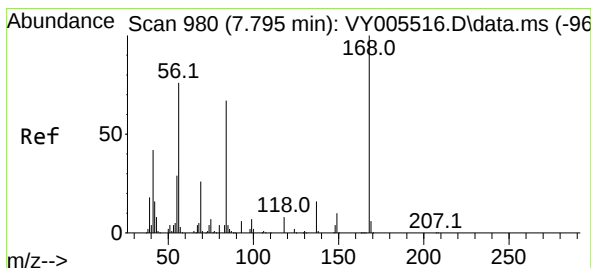
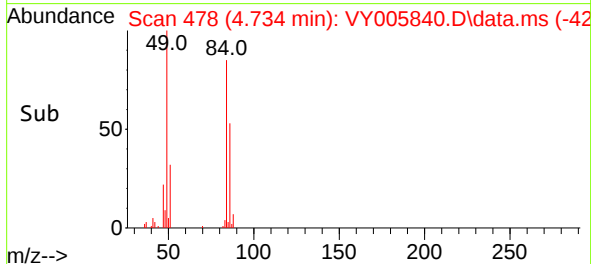
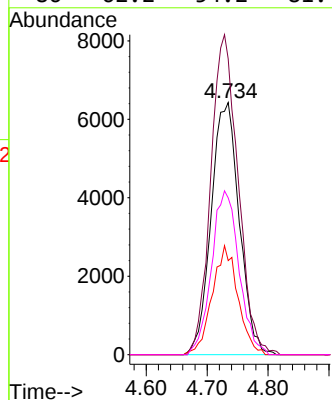
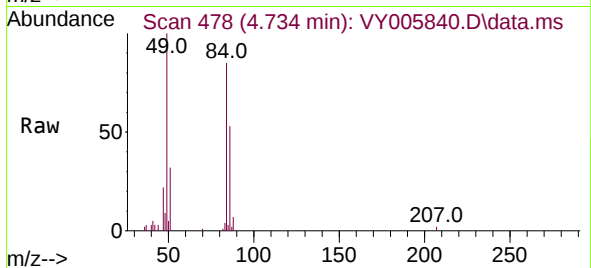




#20
Methylene Chloride
Concen: 5.393 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

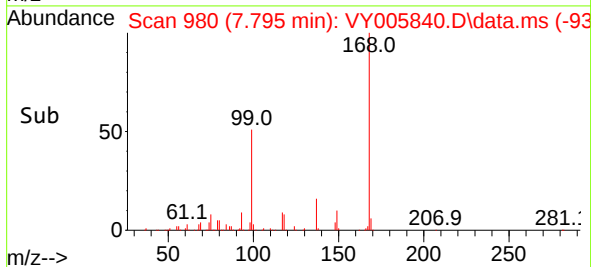
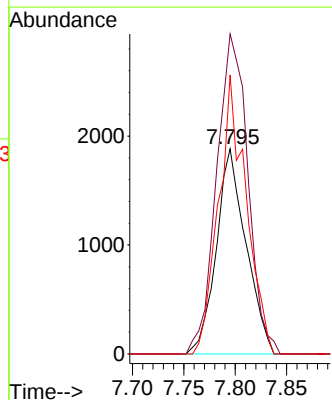
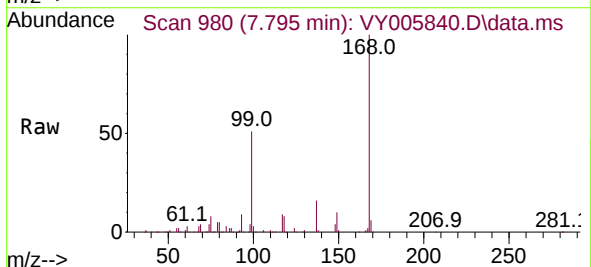
Instrument :
MSVOA_Y
ClientSampled :
PE-5

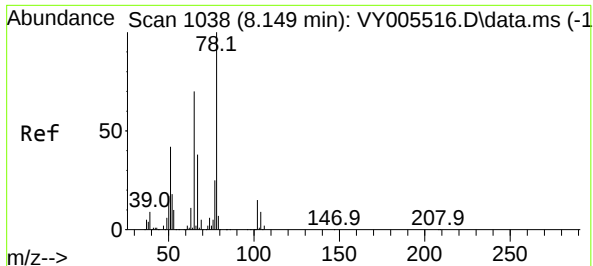
Tgt Ion:	84	Resp:	20607
Ion	Ratio	Lower	Upper
84	100		
49	117.3	105.8	158.6
51	37.3	33.4	50.2
86	62.2	54.2	81.4



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion:	56	Resp:	3774
Ion	Ratio	Lower	Upper
56	100		
69	156.0	27.7	41.5#
84	136.0	70.9	106.3#

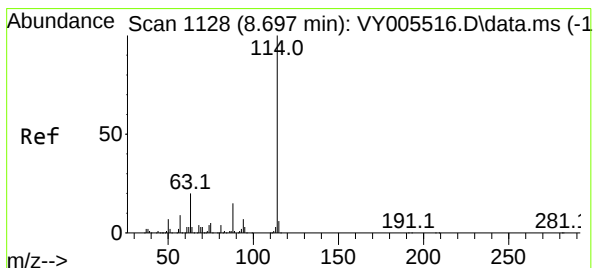
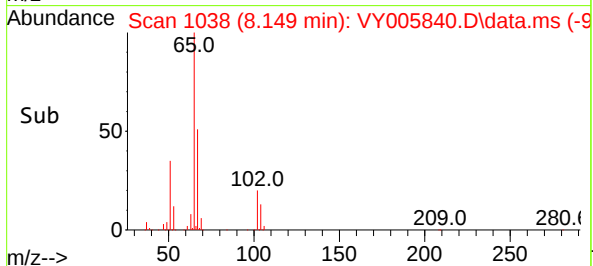
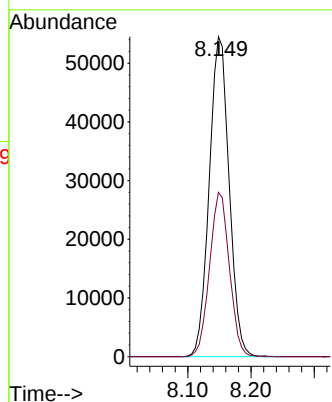
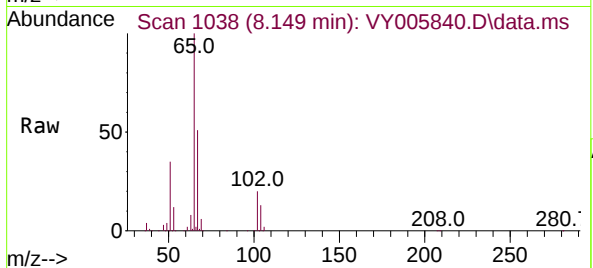




#33
 1,2-Dichloroethane-d4
 Concen: 62.338 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005840.D
 Acq: 25 Aug 2021 15:16

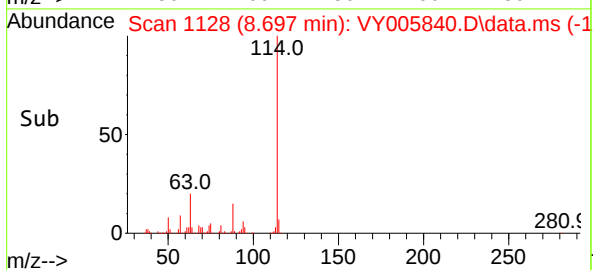
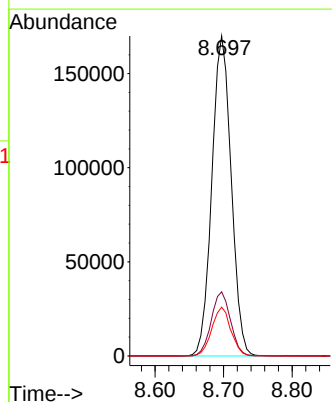
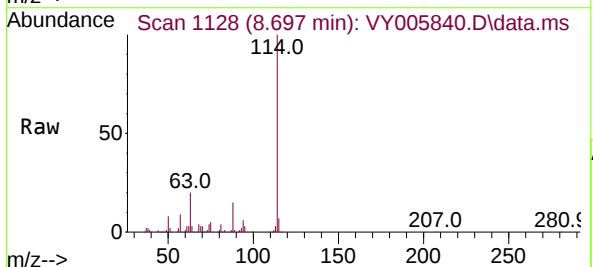
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-5

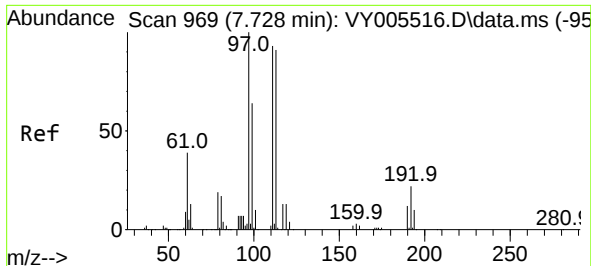
Tgt Ion: 65 Resp: 118987
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005840.D
 Acq: 25 Aug 2021 15:16

Tgt Ion: 114 Resp: 333288
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.2 0.0 30.8

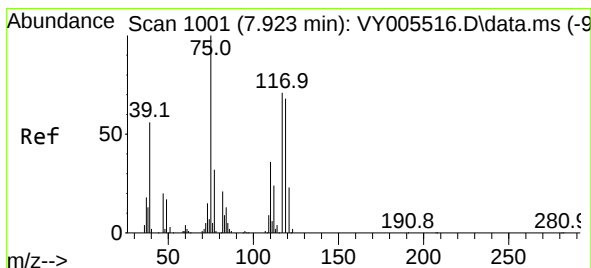
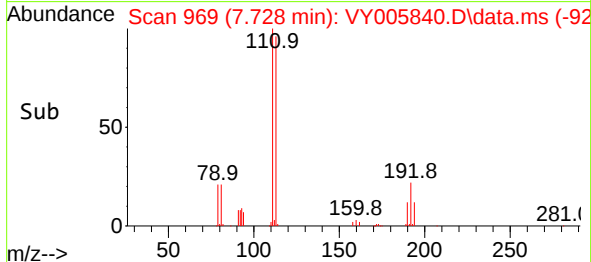
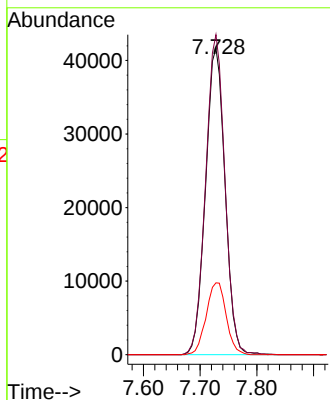
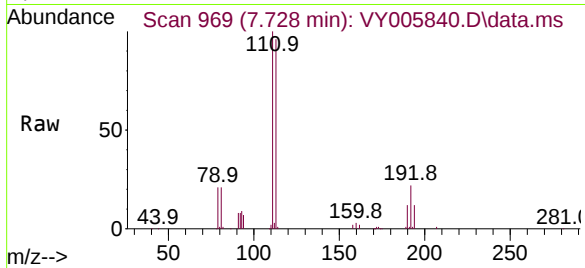




#35
Dibromofluoromethane
Concen: 53.354 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

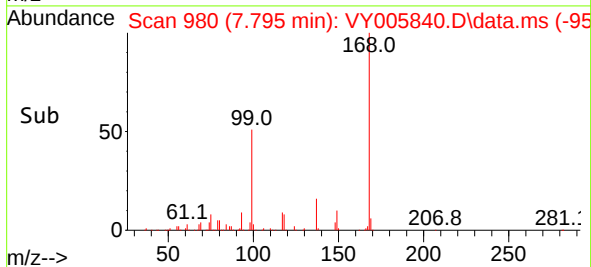
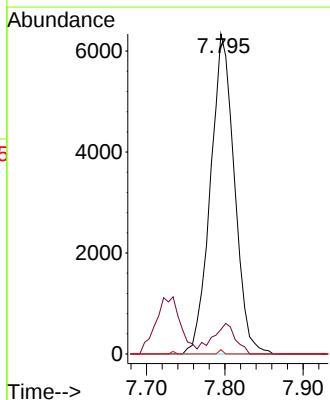
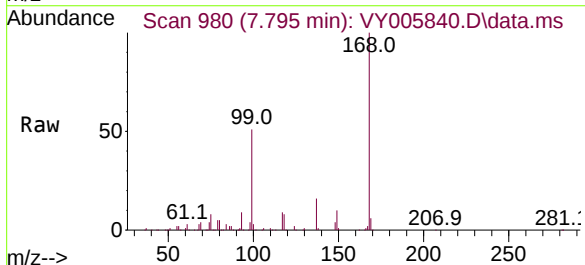
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

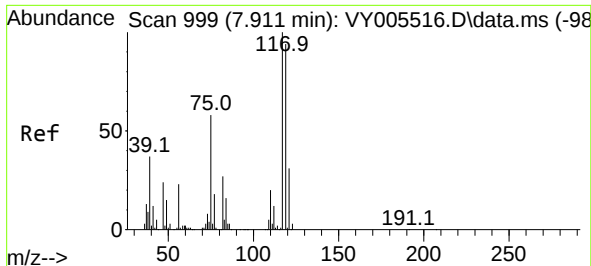
Tgt Ion:113 Resp: 99559
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion: 75 Resp: 13468
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.2 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.116 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005840.D

Acq: 25 Aug 2021 15:16

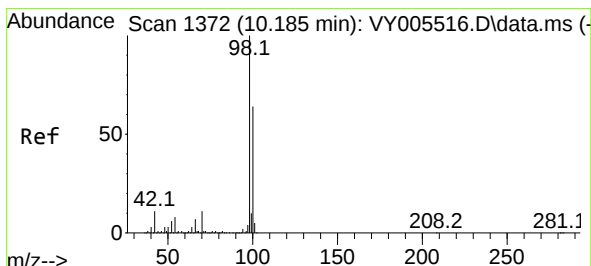
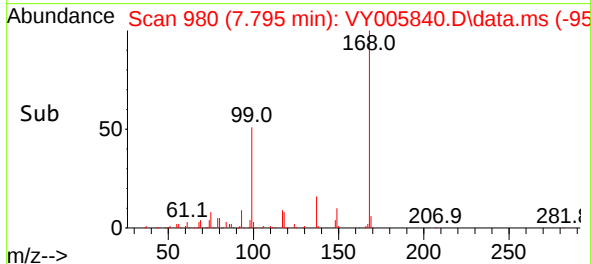
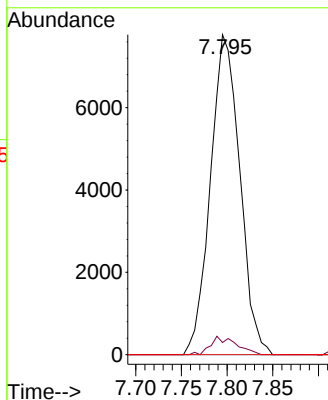
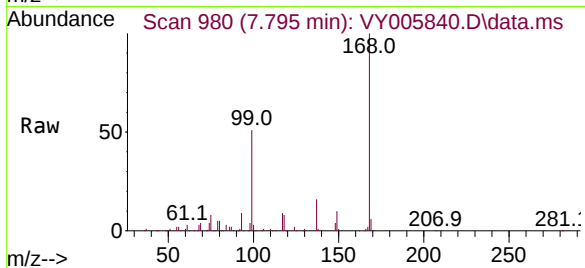
Instrument :

MSVOA_Y

ClientSampleId :

PE-5

Tgt Ion:117	Resp:	17381
Ion Ratio	Lower	Upper
117	100	
119	3.8	75.4 113.0#
121	0.0	25.1 37.7#



#50

Toluene-d8

Concen: 55.003 ug/l

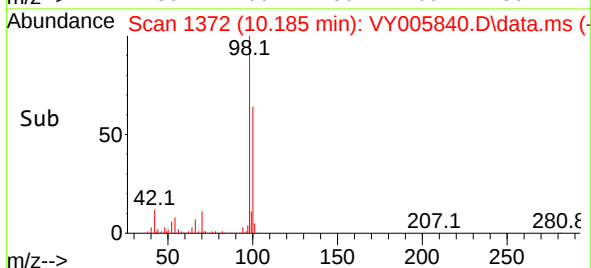
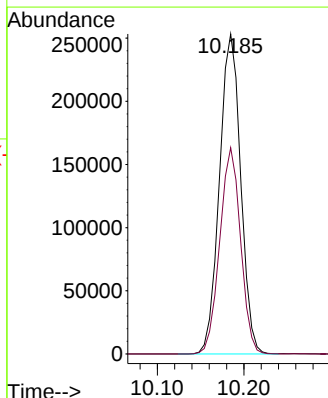
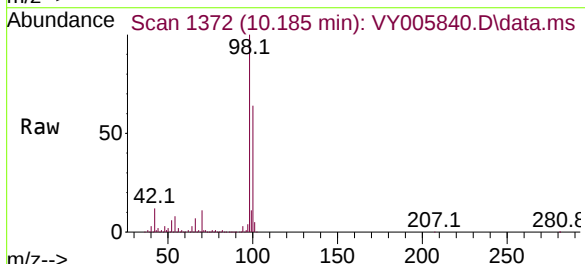
RT: 10.185 min Scan# 1372

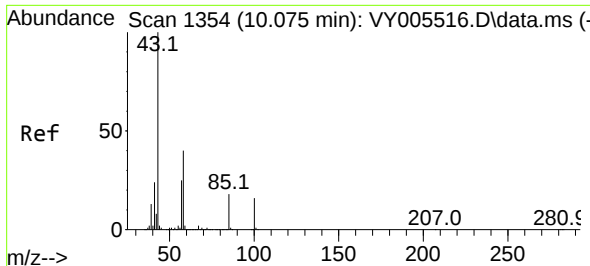
Delta R.T. -0.000 min

Lab File: VY005840.D

Acq: 25 Aug 2021 15:16

Tgt Ion: 98	Resp:	430449
Ion Ratio	Lower	Upper
98	100	
100	63.2	51.3 76.9

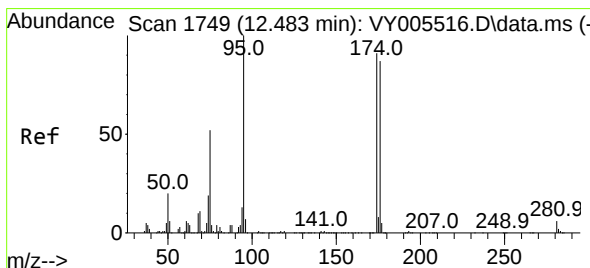
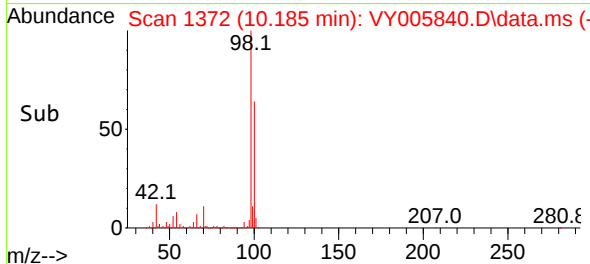
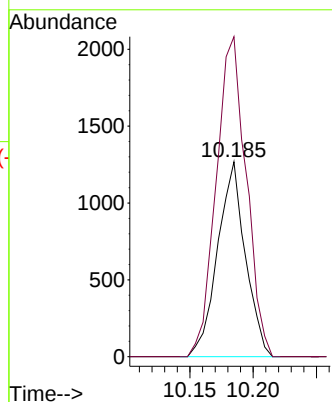
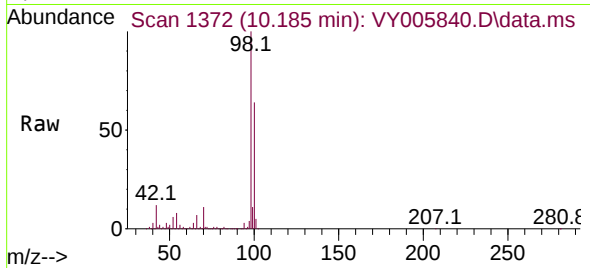




#51
4-Methyl-2-Pentanone
Concen: 1.025 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

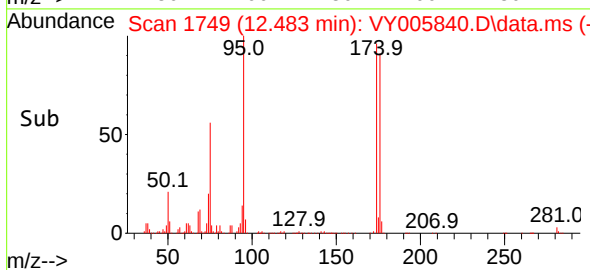
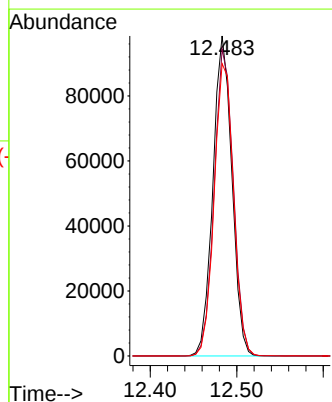
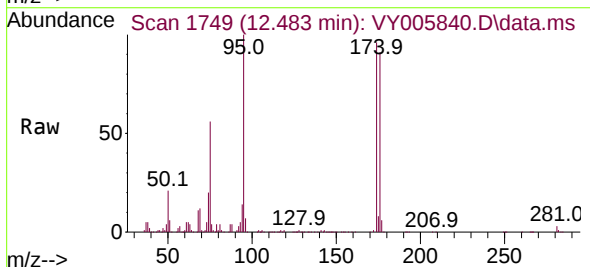
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MSVOA_Y
ClientSampleId :
PE-5

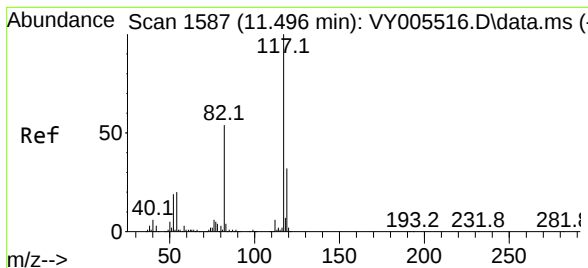
Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
58 177.3 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 57.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion: 95 Resp: 149733
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.4
176 93.4 0.0 183.6

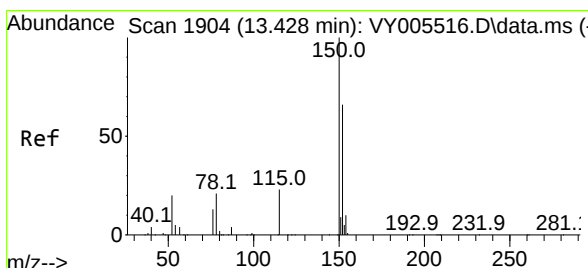
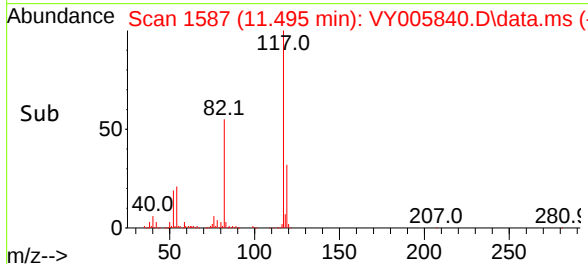
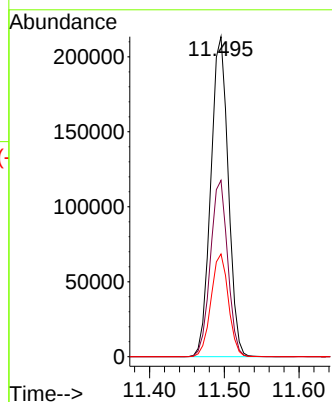
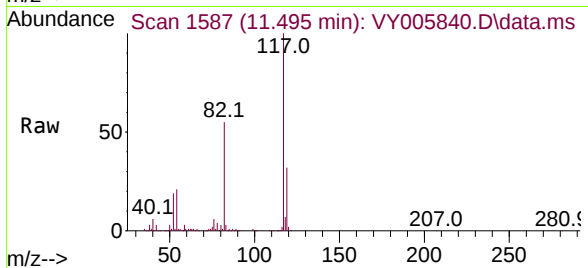




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

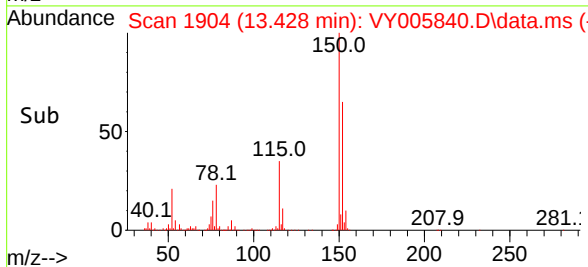
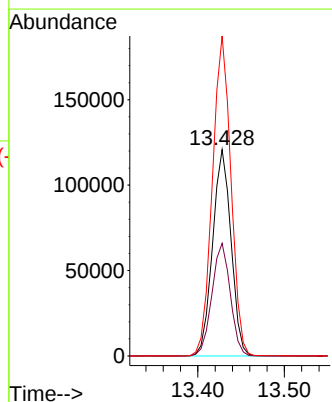
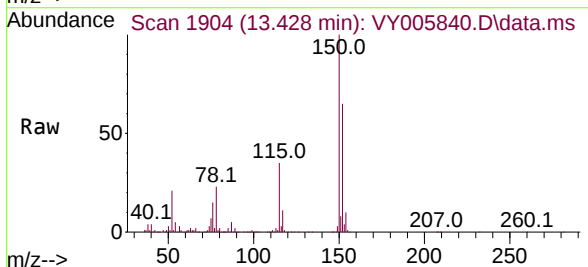
Instrument :
MSVOA_Y
ClientSampled :
PE-5

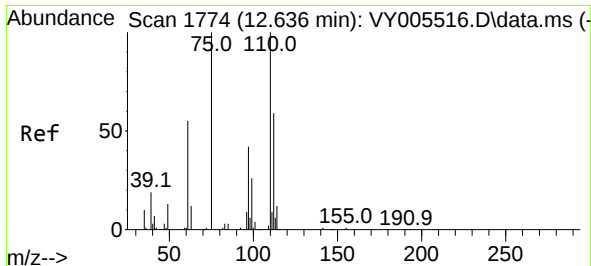
Tgt Ion:117 Resp: 345766
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion:152 Resp: 178445
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 155.9 0.0 350.2

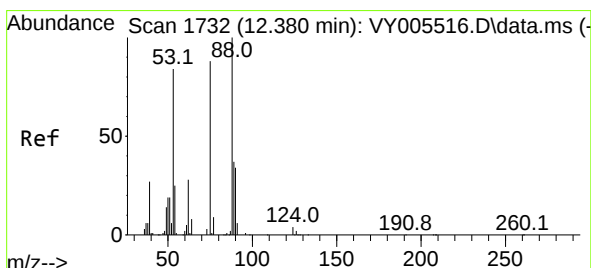
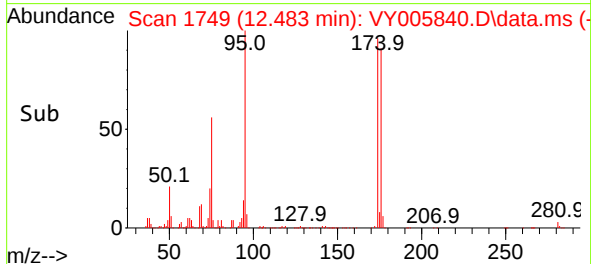
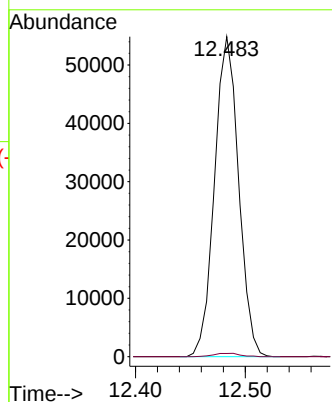
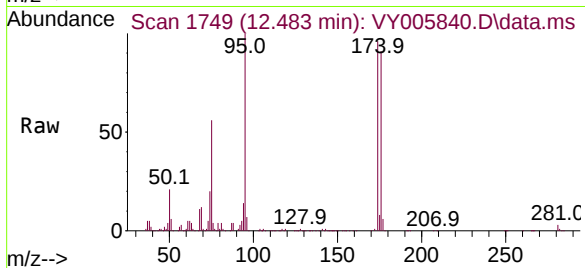




#76
1,2,3-Trichloropropane
Concen: 45.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Instrument :
MSVOA_Y
ClientSampled :
PE-5

Tgt Ion: 75 Resp: 83776
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005840.D
Acq: 25 Aug 2021 15:16

Tgt Ion: 75 Resp: 83776
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

