

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006075.D
 Acq On : 17 Sep 2021 17:10
 Operator : SY/MD
 Sample : M3775-06
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Sep 20 01:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

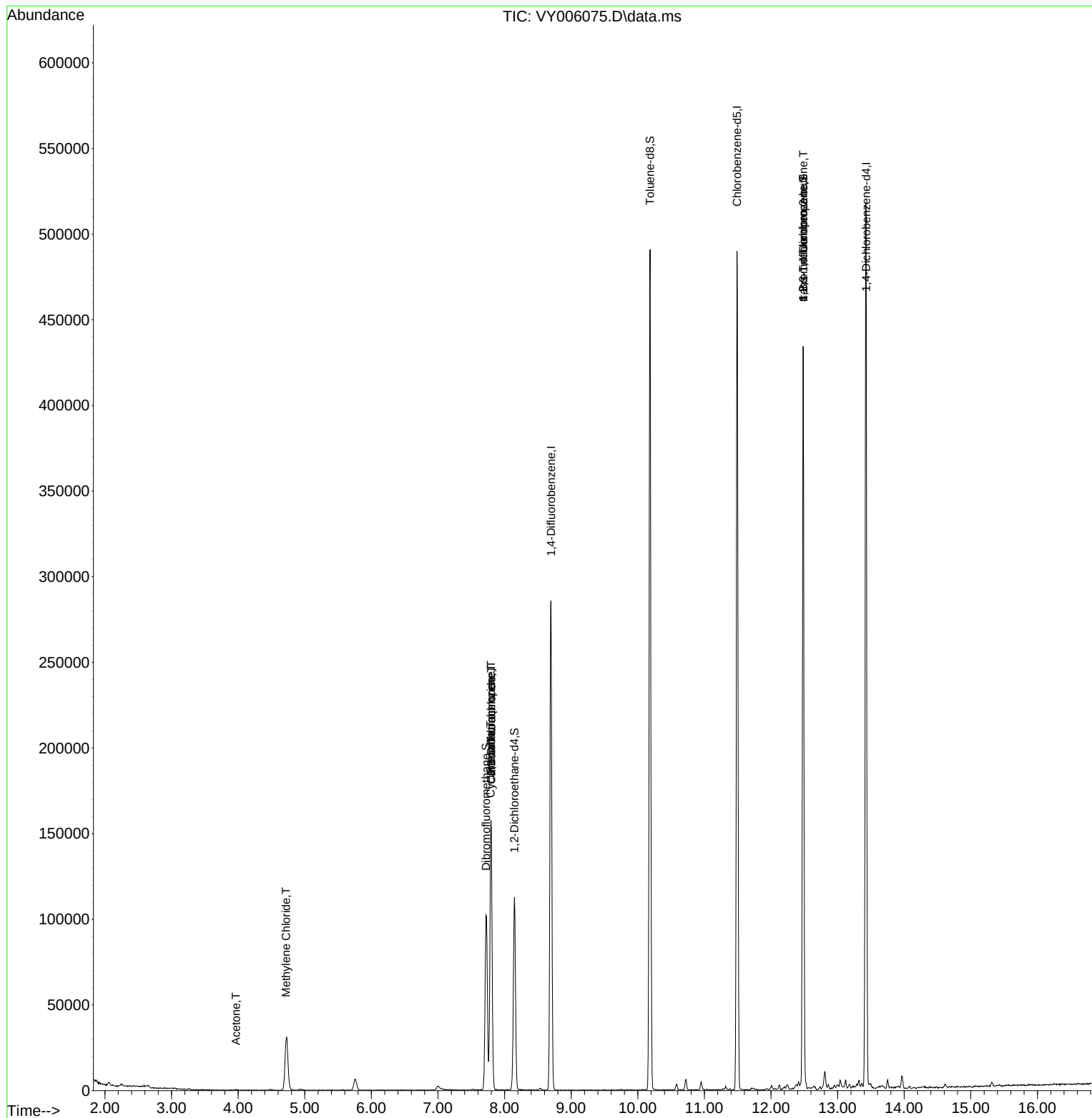
Internal Standards						
1) Pentafluorobenzene	7.795	168	122066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92167	54.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.720%	
35) Dibromofluoromethane	7.722	113	70216	48.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.185	98	305870	50.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.483	95	117053	56.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	299	Below Cal	#	77
16) Acetone	3.966	43	638	1.372	ug/l	95
20) Methylene Chloride	4.716	84	22098	11.666	ug/l #	86
31) Cyclohexane	7.789	56	3064	1.128	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	9917	3.982	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11776	4.344	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68169	50.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68169	92.528	ug/l #	7

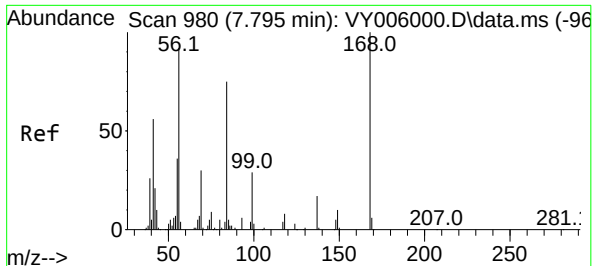
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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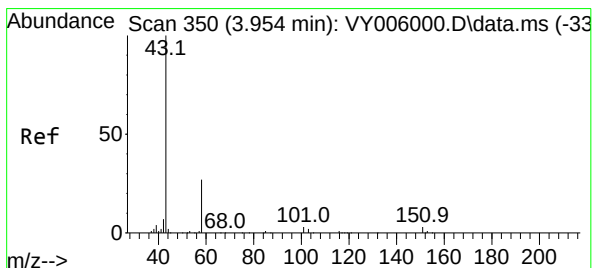
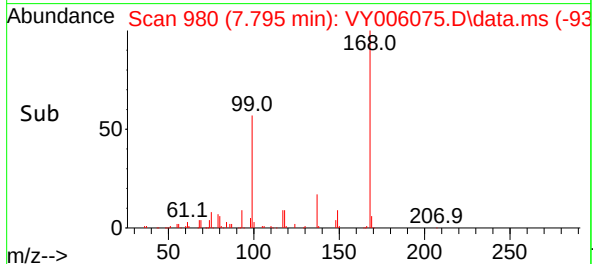
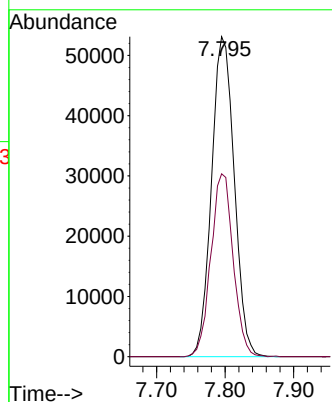
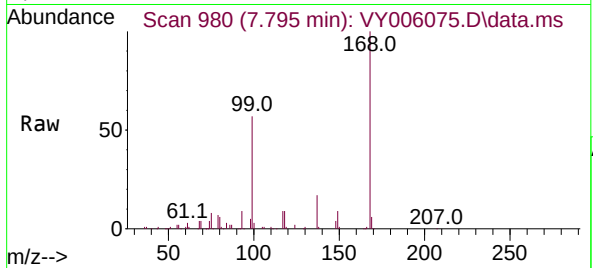




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

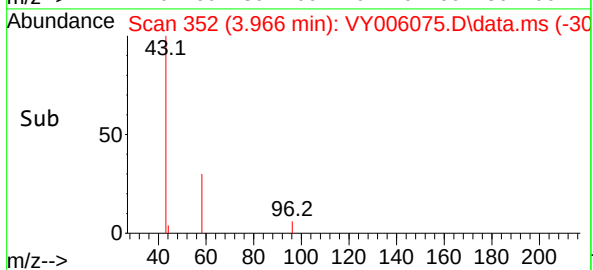
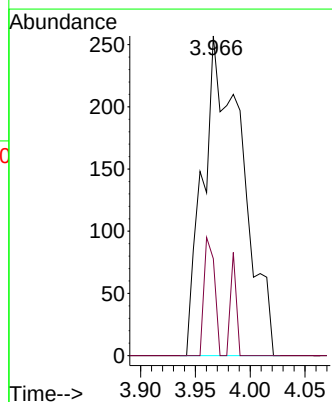
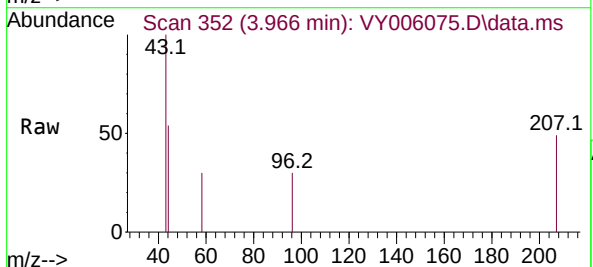
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

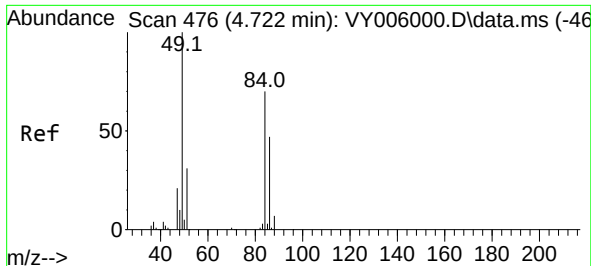
Tgt Ion:168 Resp: 122066
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#16
Acetone
Concen: 1.372 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

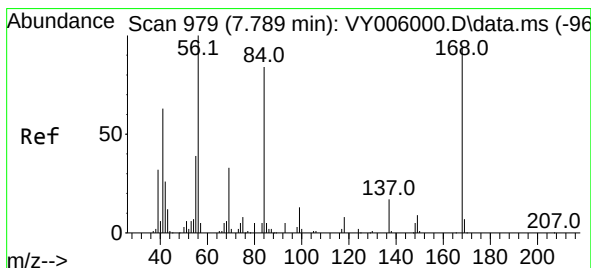
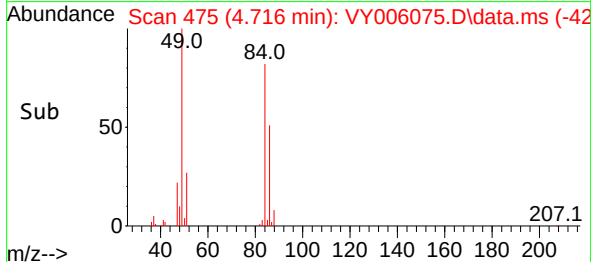
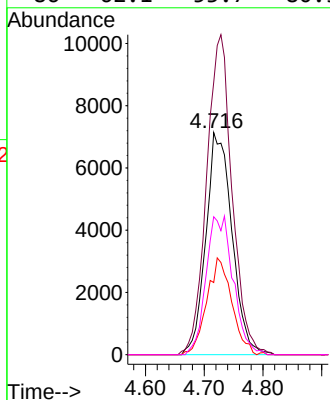
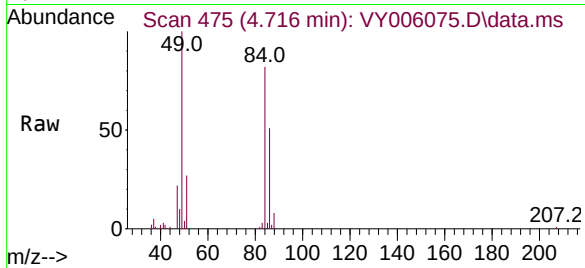




#20
Methylene Chloride
Concen: 11.666 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

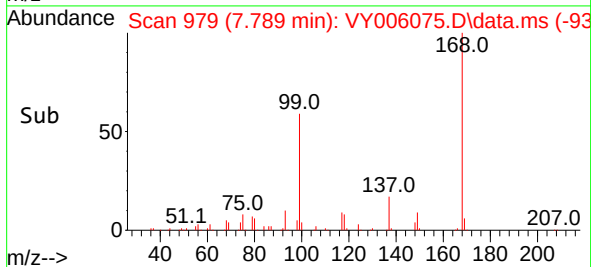
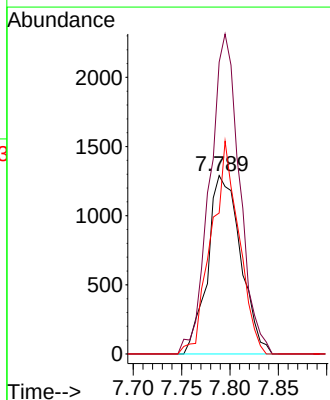
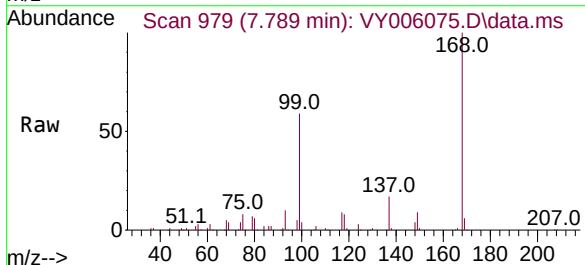
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

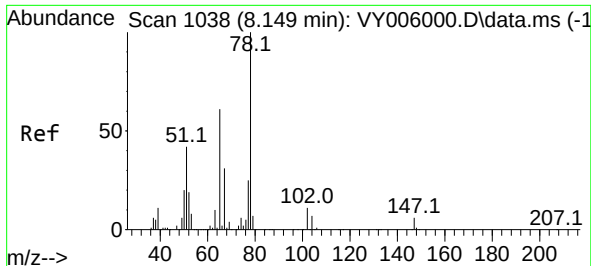
Tgt Ion:	84	Resp:	22098
Ion	Ratio	Lower	Upper
84	100		
49	122.7	114.4	171.6
51	32.5	35.3	52.9#
86	62.1	53.7	80.5



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion:	56	Resp:	3064
Ion	Ratio	Lower	Upper
56	100		
69	163.6	26.7	40.1#
84	79.1	67.2	100.8

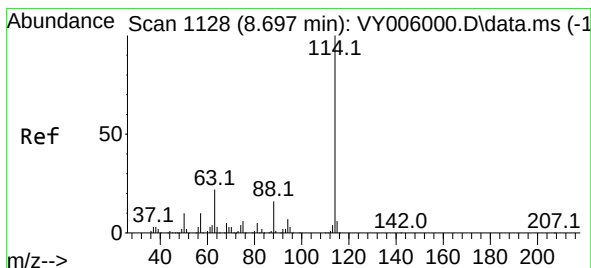
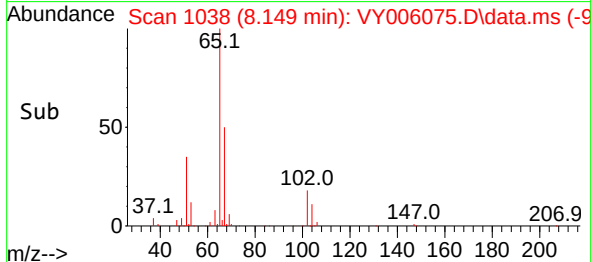
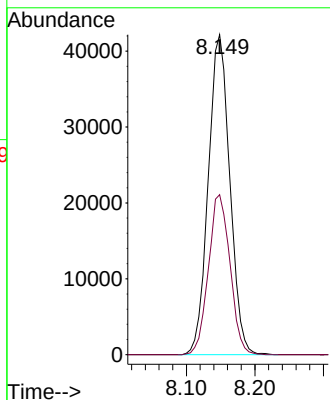
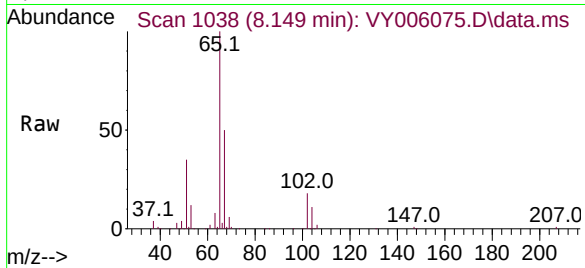




#33
 1,2-Dichloroethane-d4
 Concen: 54.358 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006075.D
 Acq: 17 Sep 2021 17:10

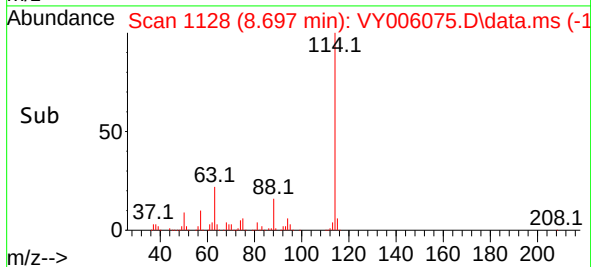
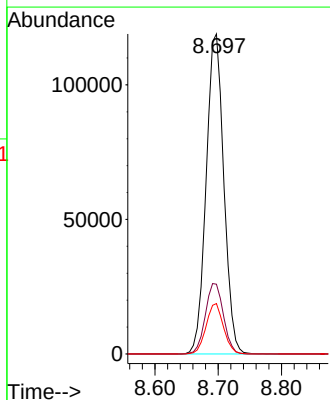
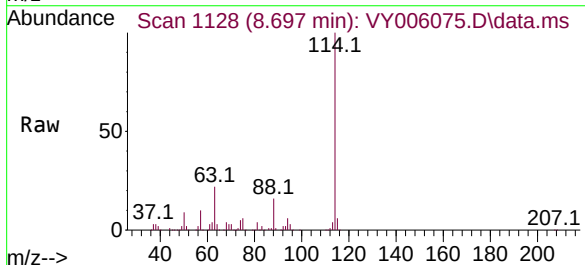
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

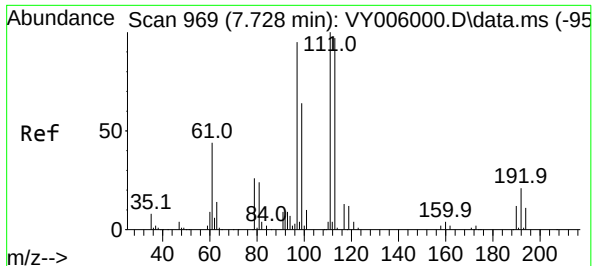
Tgt Ion: 65 Resp: 92167
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006075.D
 Acq: 17 Sep 2021 17:10

Tgt Ion: 114 Resp: 230724
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.997 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006075.D

Acq: 17 Sep 2021 17:10

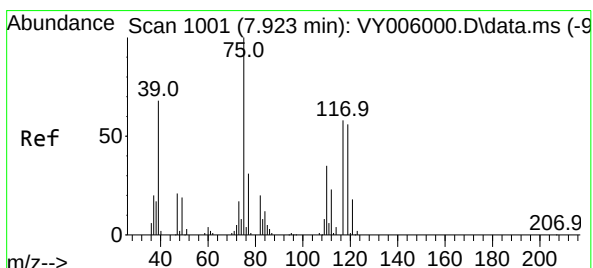
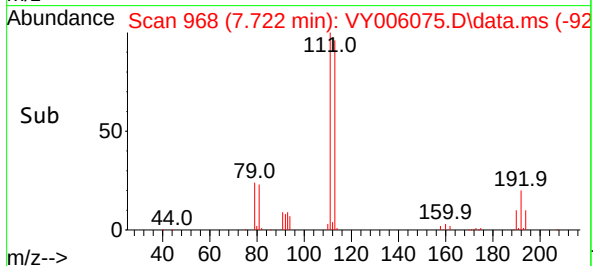
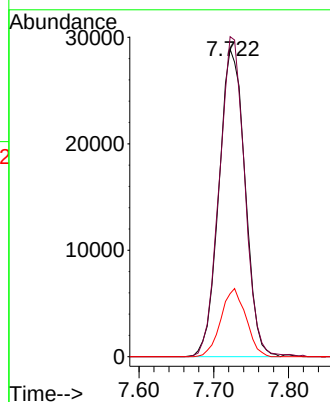
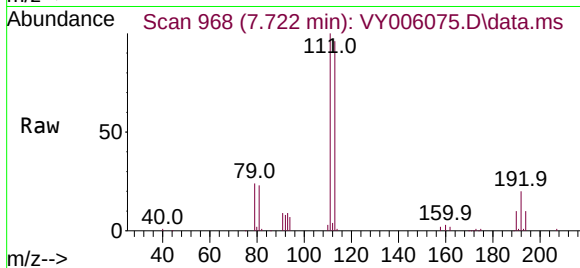
Instrument :

MSVOA_Y

ClientSampleId :

PE-5

Tgt Ion:	113	Resp:	70216
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	21.2	17.6	26.4



#36

1,1-Dichloropropene

Concen: 3.982 ug/l

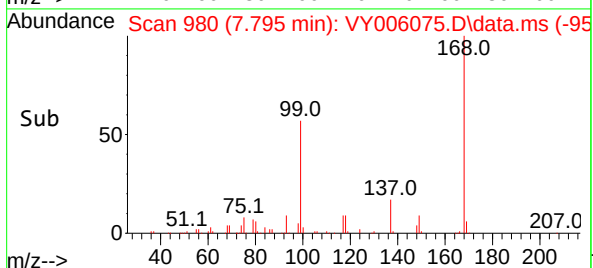
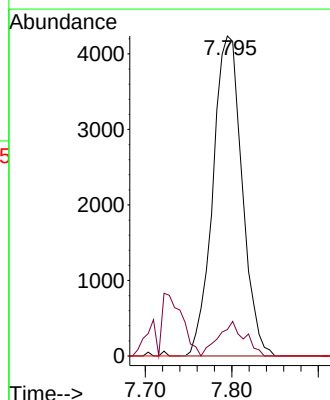
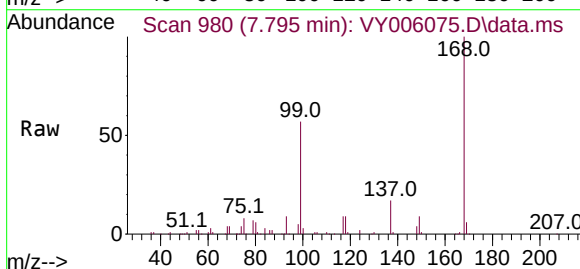
RT: 7.795 min Scan# 980

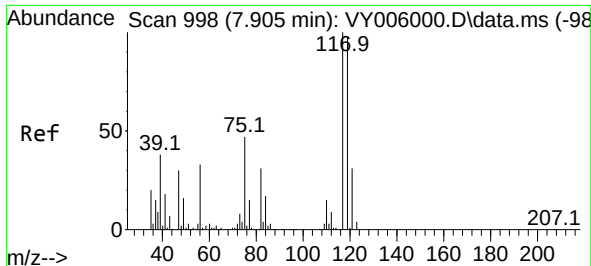
Delta R.T. -0.128 min

Lab File: VY006075.D

Acq: 17 Sep 2021 17:10

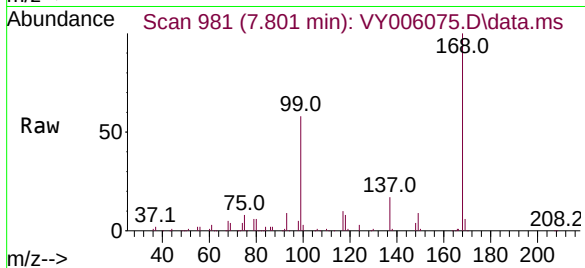
Tgt Ion:	75	Resp:	9917
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#



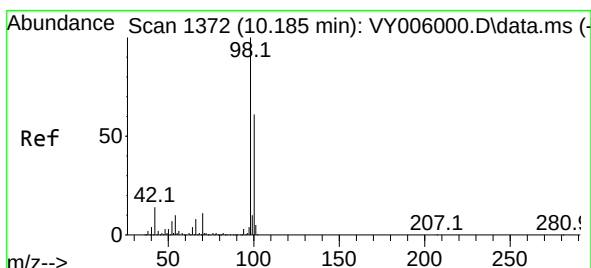
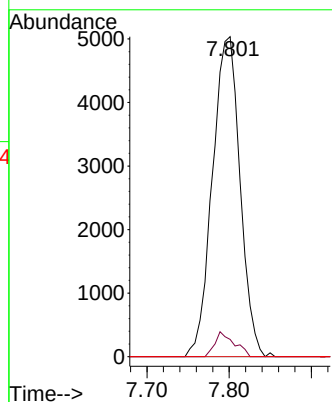
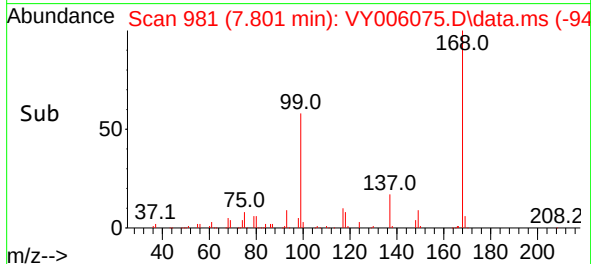


#38
Carbon Tetrachloride
Concen: 4.344 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

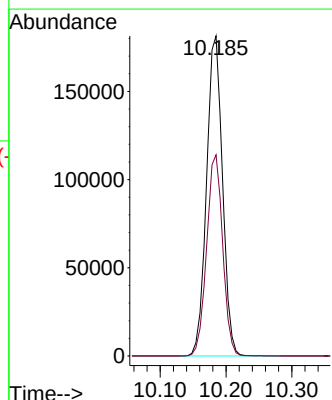
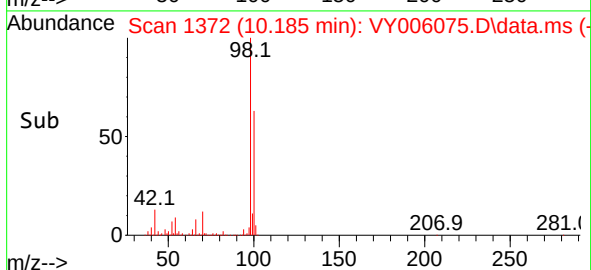
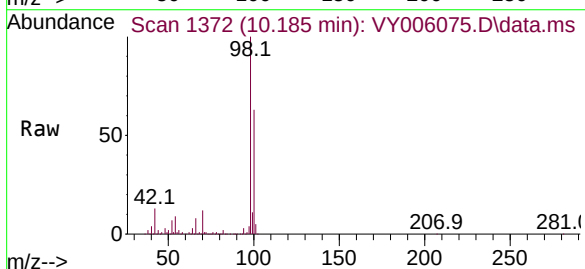


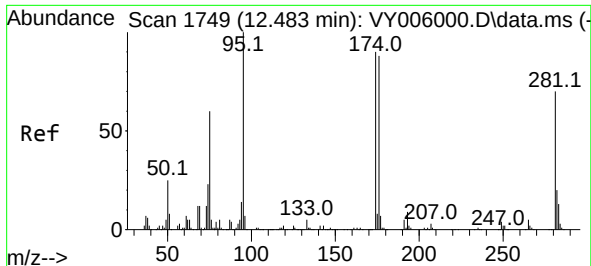
Tgt Ion: 117 Resp: 11776
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 98 Resp: 305870
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

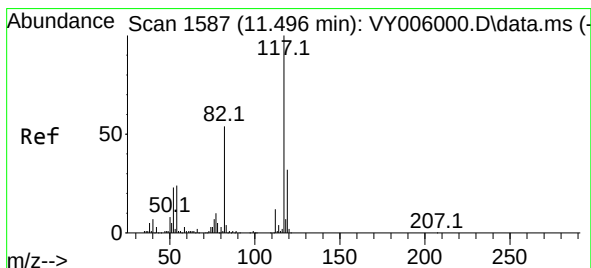
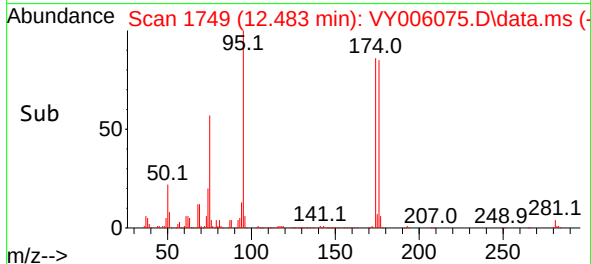
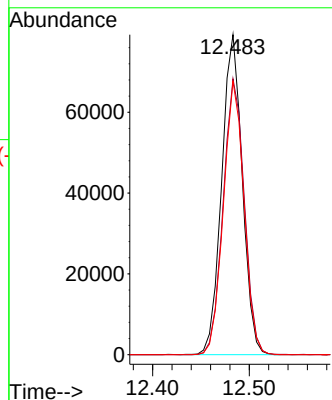
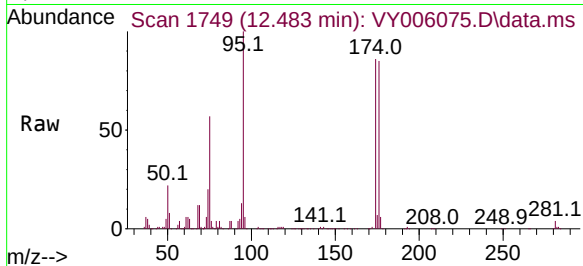




#62
4-Bromofluorobenzene
Concen: 56.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

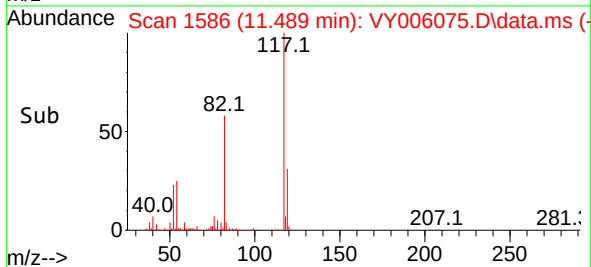
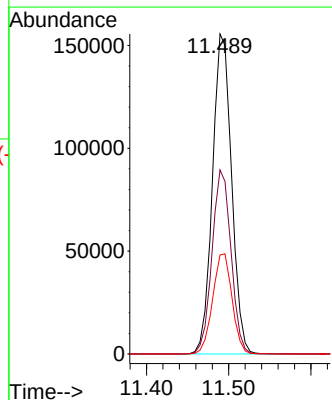
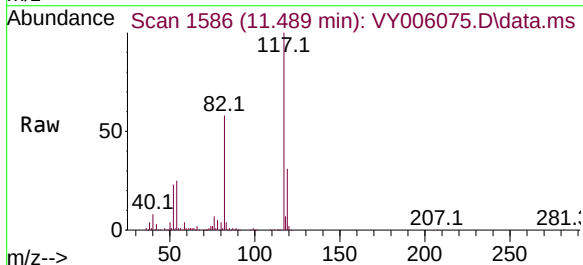
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

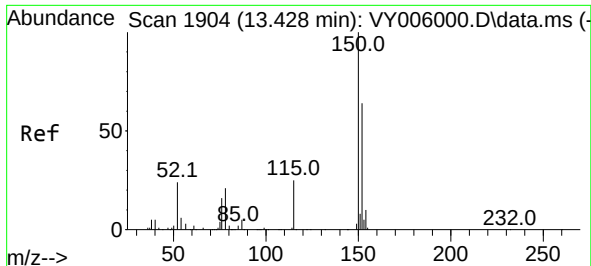
Tgt Ion: 95 Resp: 117053
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 117 Resp: 250967
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 30.9 25.4 38.0

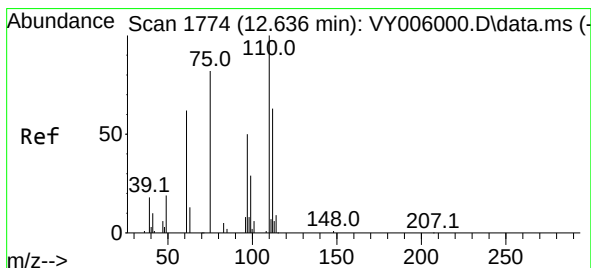
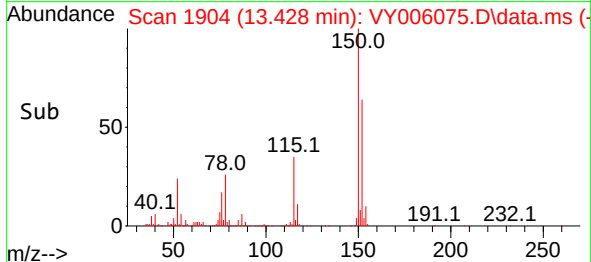
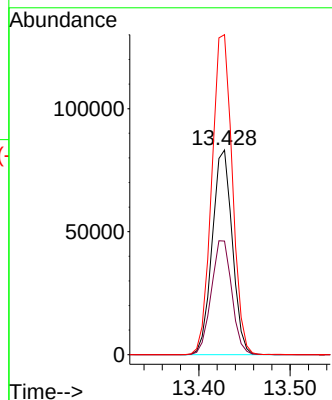
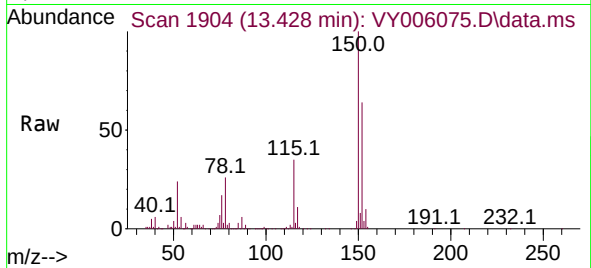




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006075.D
 Acq: 17 Sep 2021 17:10

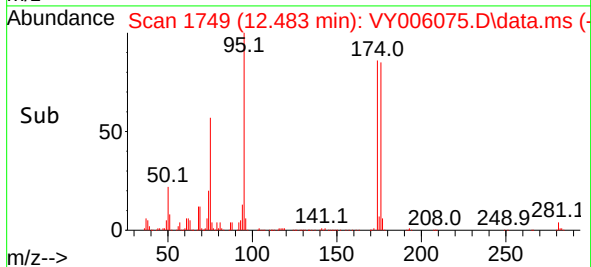
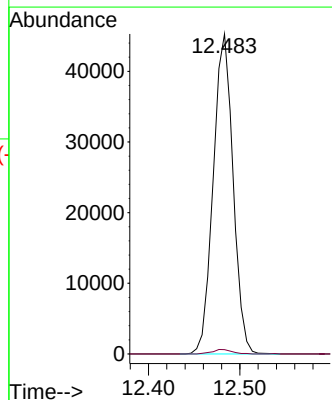
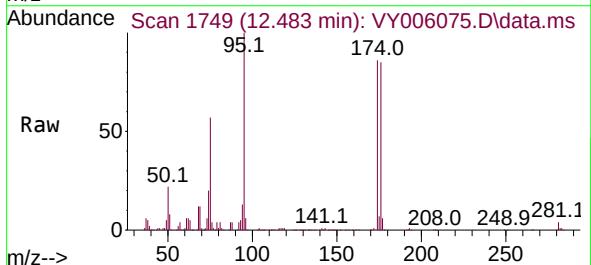
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-5

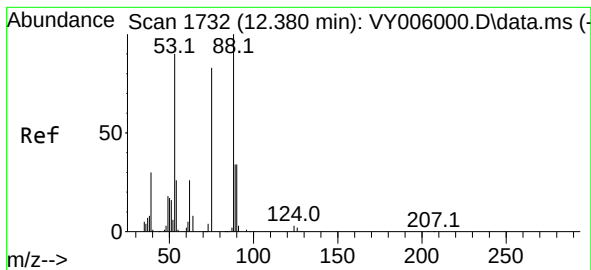
Tgt Ion:152 Resp: 127042
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 159.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.327 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006075.D
 Acq: 17 Sep 2021 17:10

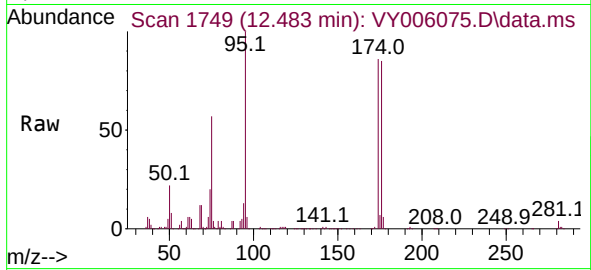
Tgt Ion: 75 Resp: 68169
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.528 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006075.D
 Acq: 17 Sep 2021 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

