

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006164.D
 Acq On : 27 Sep 2021 15:34
 Operator : SY/MD
 Sample : M3917-07RE
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Sep 28 06:21:02 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)

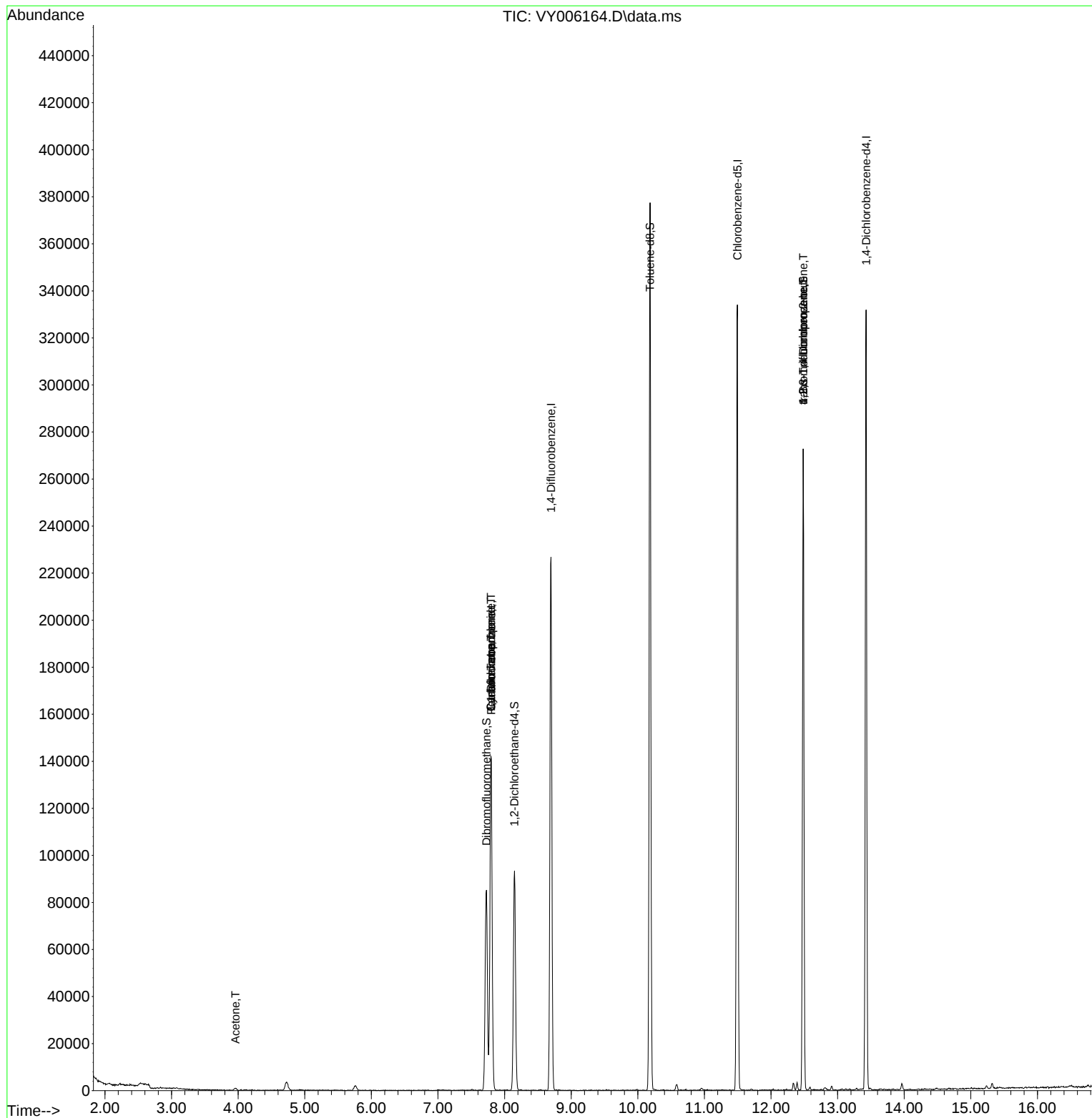
Internal Standards						
1) Pentafluorobenzene	7.801	168	114940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79624	49.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.740%
35) Dibromofluoromethane	7.728	113	56725	48.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.185	98	235554	46.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.483	95	73912	43.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	126	Below Cal	#	77
16) Acetone	3.960	43	1486	3.393	ug/l	92
20) Methylene Chloride	4.729	84	2660	Below Cal	#	64
31) Cyclohexane	7.795	56	2563	1.002	ug/l	# 50
36) 1,1-Dichloropropene	7.795	75	8360	4.079	ug/l	# 53
38) Carbon Tetrachloride	7.795	117	11160	5.001	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	42819	48.716	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	42819	89.564	ug/l	# 7

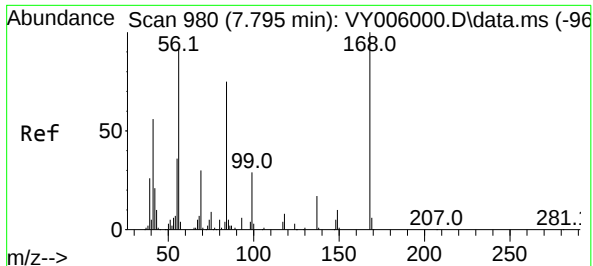
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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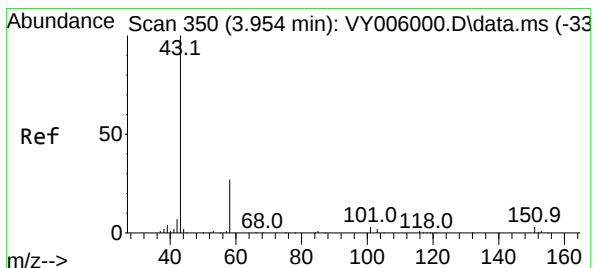
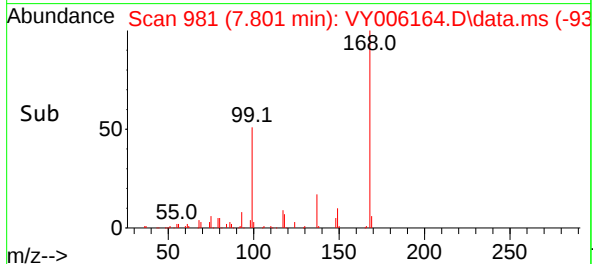
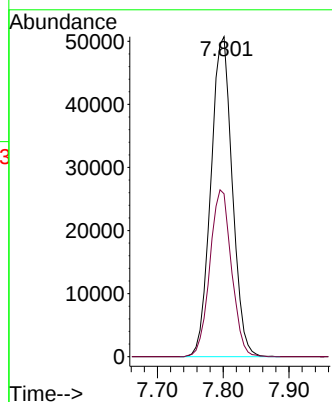
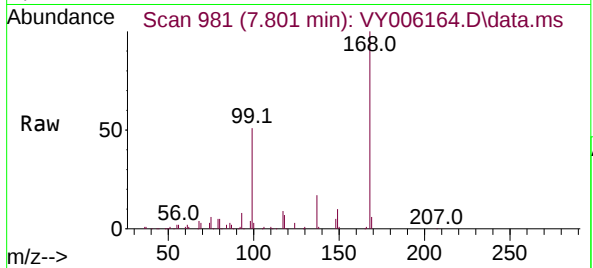




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

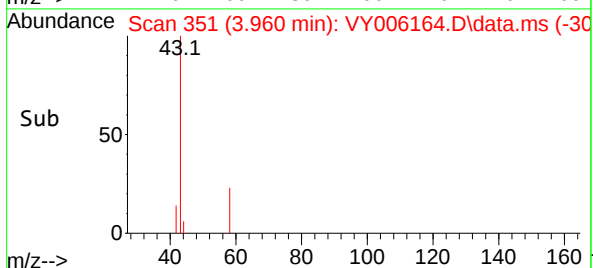
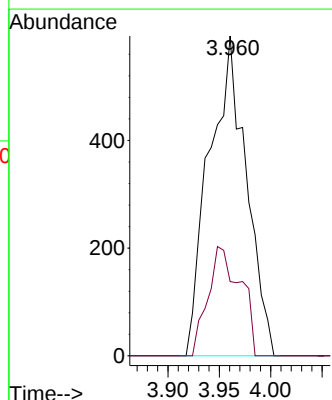
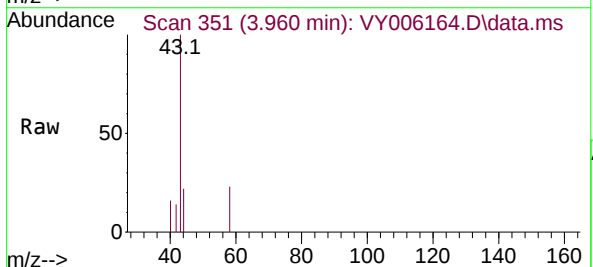
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

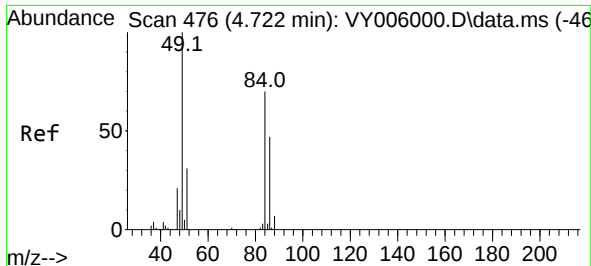
Tgt Ion:168 Resp: 114940
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#16
Acetone
Concen: 3.393 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

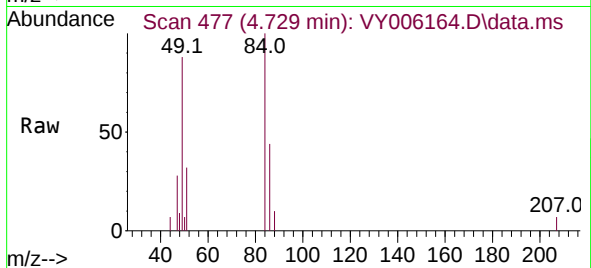
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 23.2 22.0 33.0



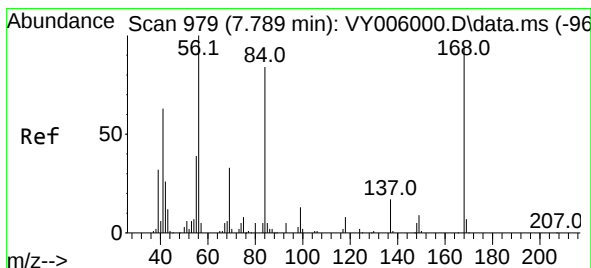
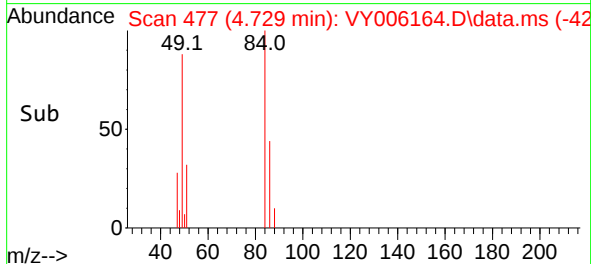
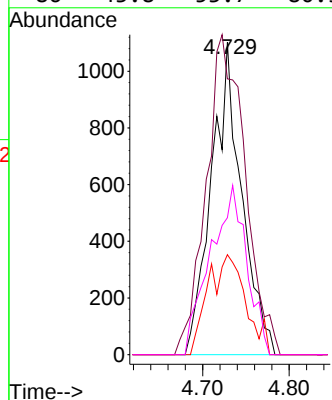


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

Instrument :
MSVOA_Y
ClientSampled :
TP-10

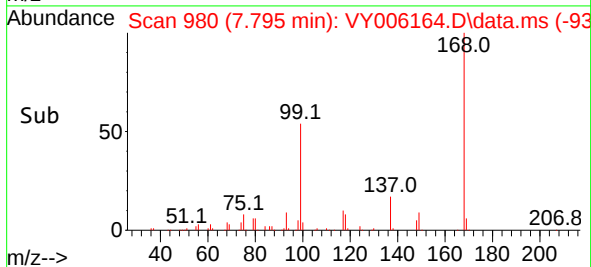
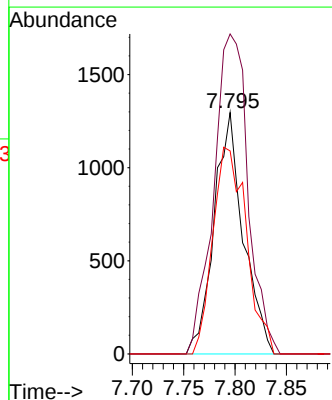
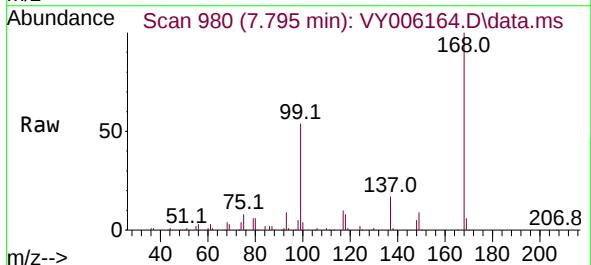


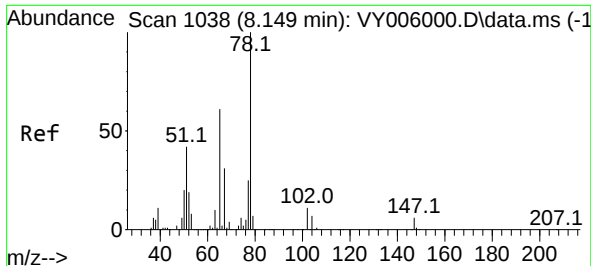
Tgt Ion:	84	Resp:	2660
Ion	Ratio	Lower	Upper
84	100		
49	88.3	114.4	171.6#
51	32.0	35.3	52.9#
86	43.8	53.7	80.5#



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

Tgt Ion:	56	Resp:	2563
Ion	Ratio	Lower	Upper
56	100		
69	132.6	26.7	40.1#
84	84.1	67.2	100.8

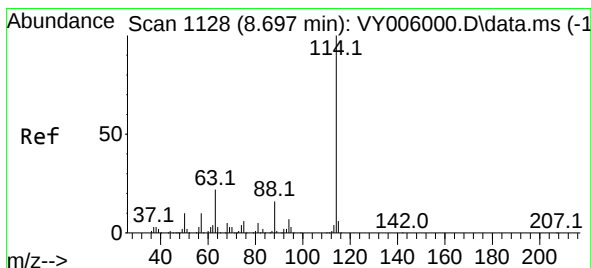
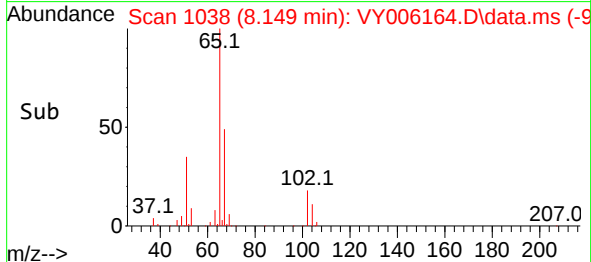
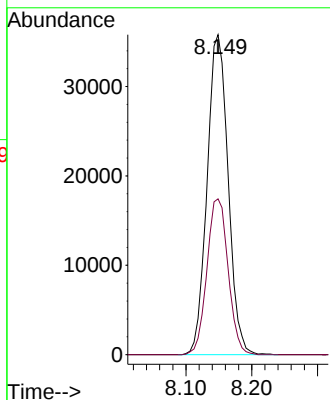
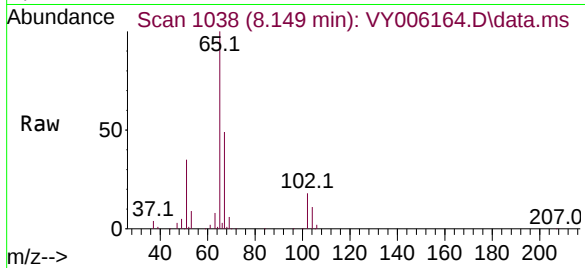




#33
1,2-Dichloroethane-d4
Concen: 49.872 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

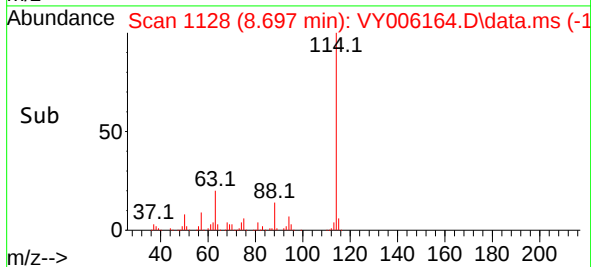
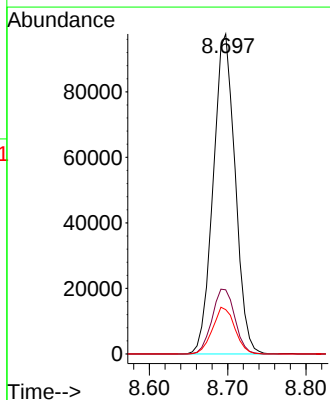
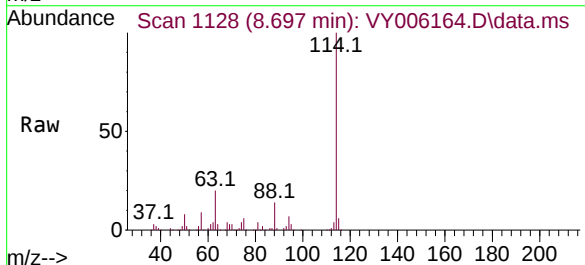
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

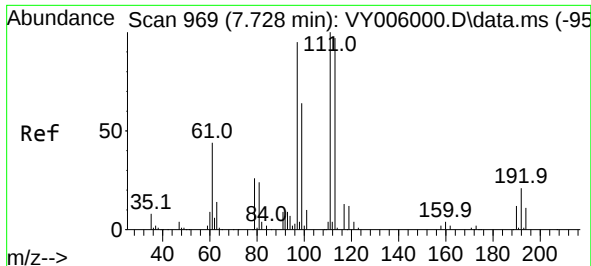
Tgt Ion: 65 Resp: 79624
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

Tgt Ion: 114 Resp: 189906
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 13.8 0.0 31.8

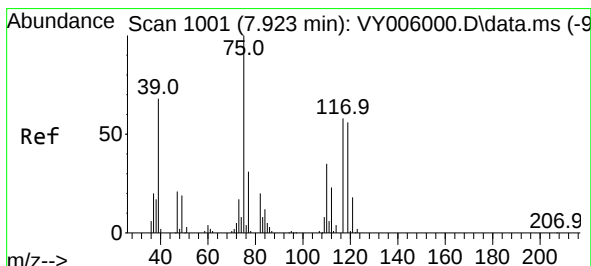
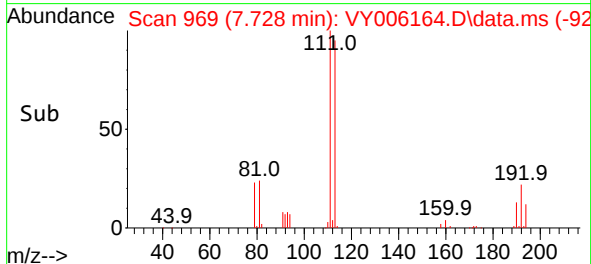
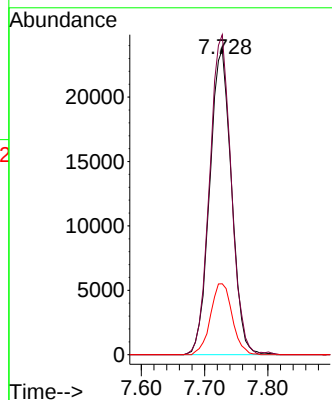
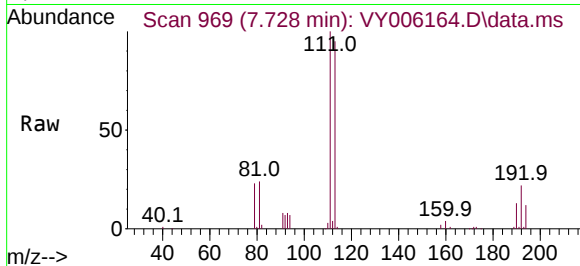




#35
Dibromofluoromethane
Concen: 48.091 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

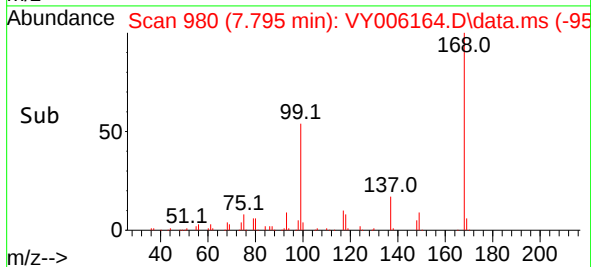
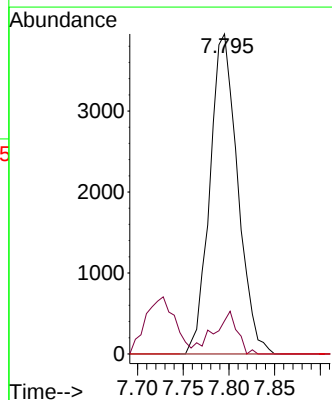
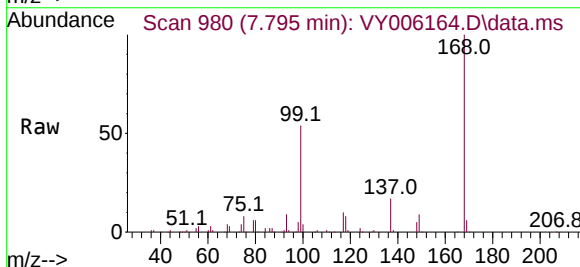
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

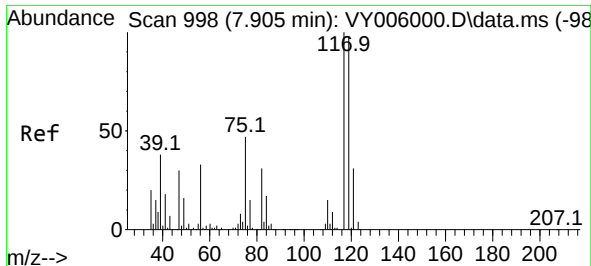
Tgt Ion:	113	Resp:	56725
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	124.0
192	23.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.079 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

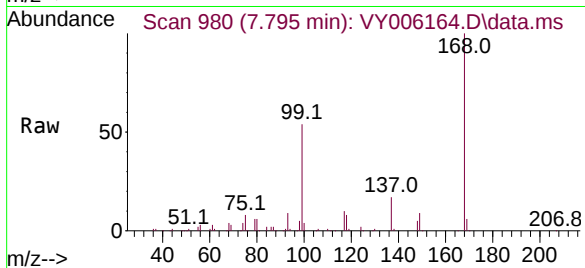
Tgt Ion:	75	Resp:	8360
Ion	Ratio	Lower	Upper
75	100		
110	11.2	17.1	51.2#
77	0.0	24.4	36.6#



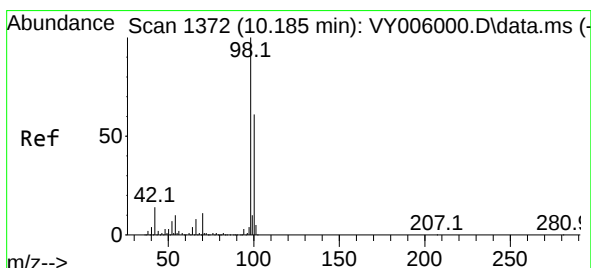
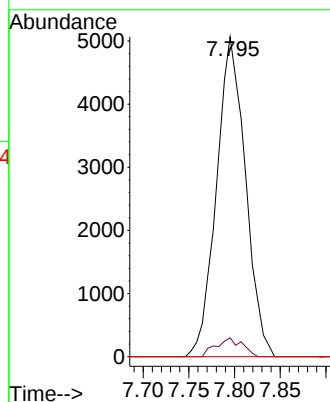
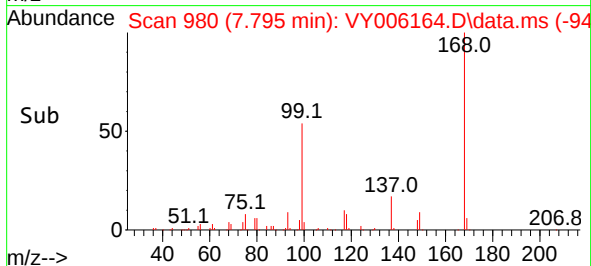


#38
Carbon Tetrachloride
Concen: 5.001 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

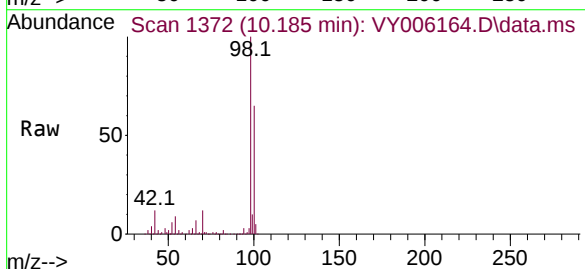
Instrument :
MSVOA_Y
ClientSampled :
TP-10



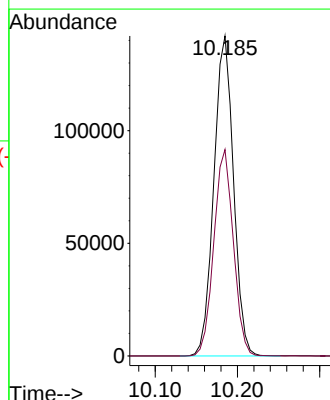
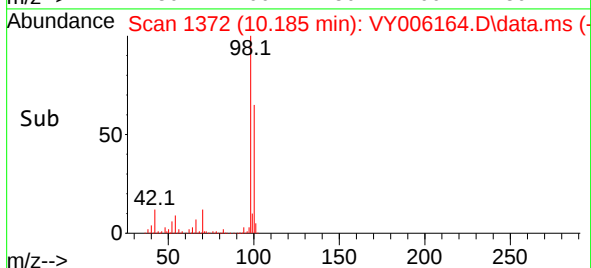
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.9	116.9#
121	0.0	24.8	37.2#

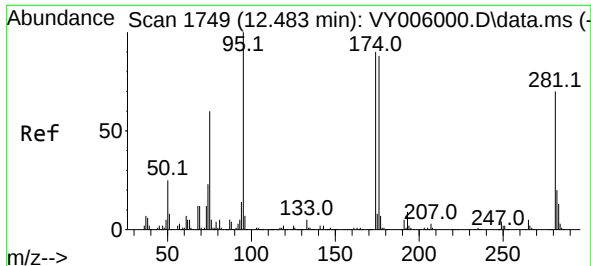


#50
Toluene-d8
Concen: 46.855 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34



Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.2	75.2

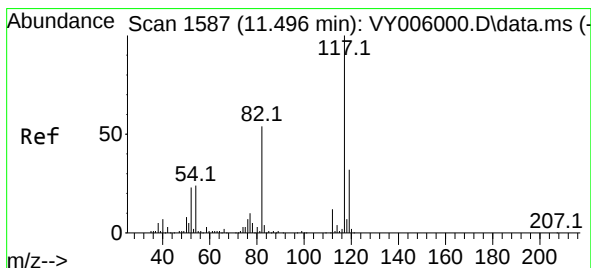
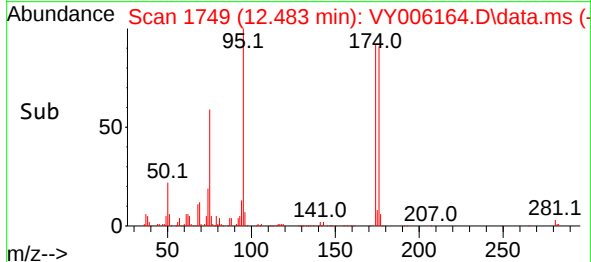
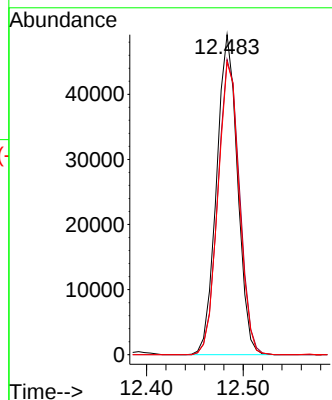
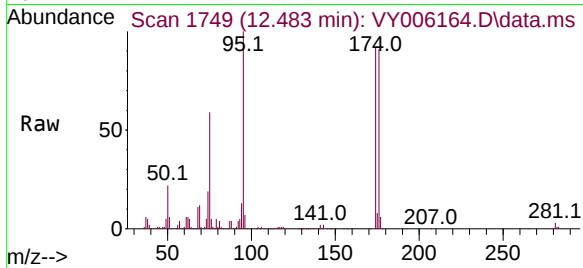




#62
4-Bromofluorobenzene
Concen: 43.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

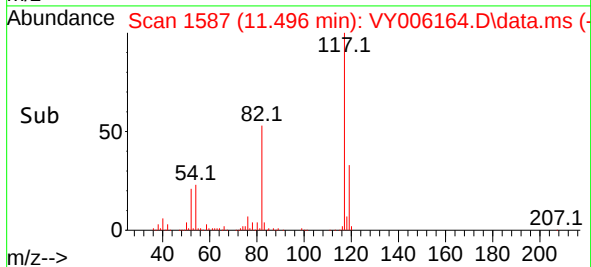
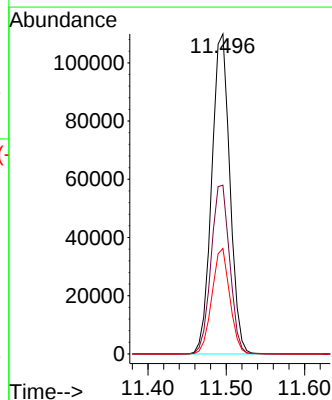
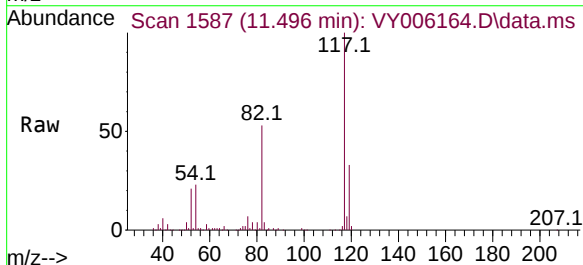
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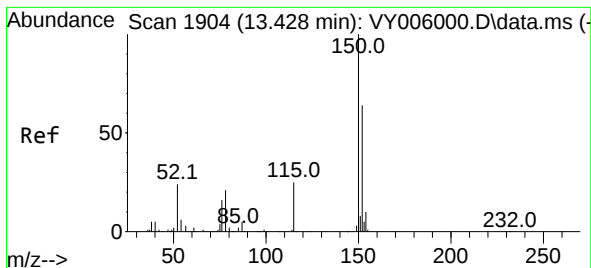
Tgt Ion: 95 Resp: 73912
Ion Ratio Lower Upper
95 100
174 95.1 0.0 177.0
176 92.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006164.D
Acq: 27 Sep 2021 15:34

Tgt Ion: 117 Resp: 176933
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.9 25.4 38.0

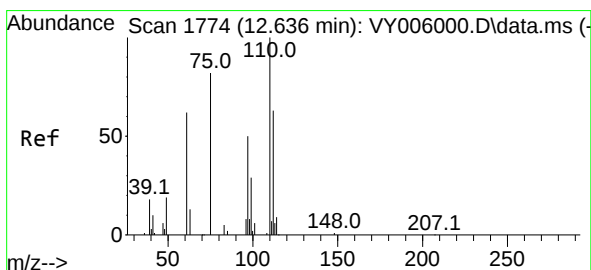
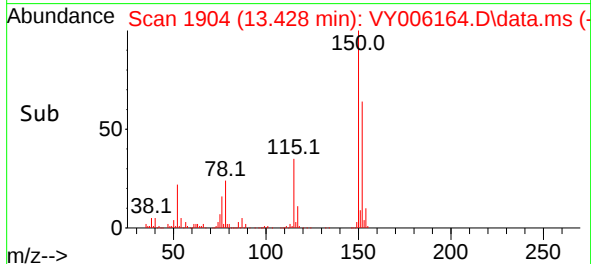
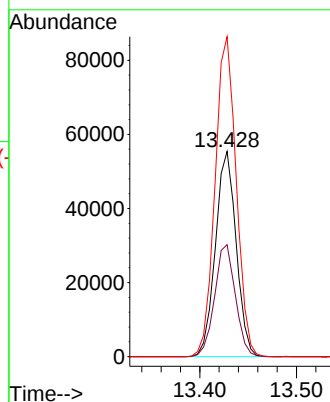
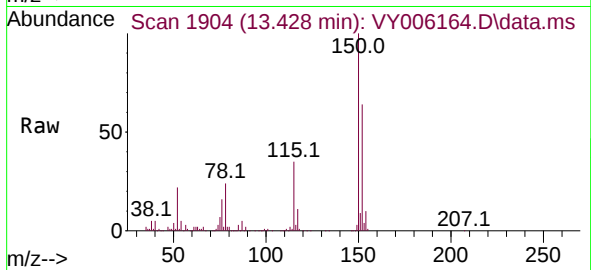




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006164.D
 Acq: 27 Sep 2021 15:34

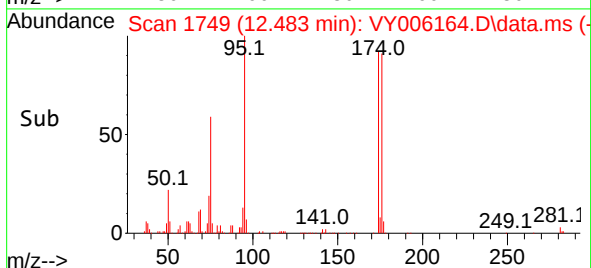
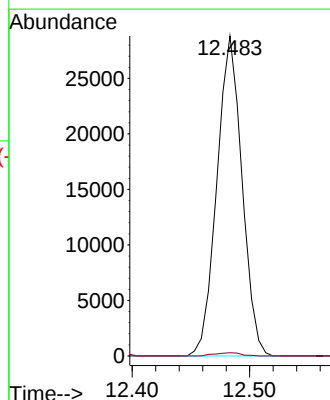
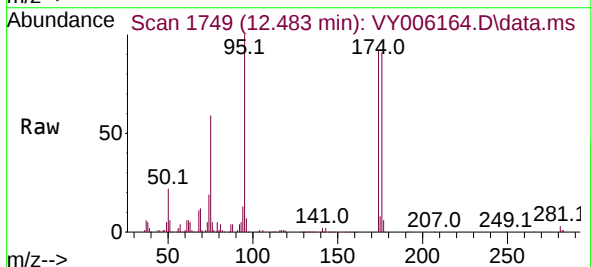
Instrument :
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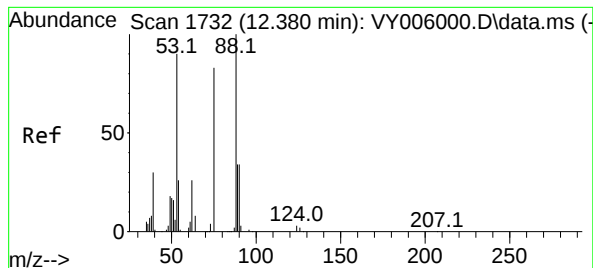
Tgt Ion:152 Resp: 82439
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.716 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006164.D
 Acq: 27 Sep 2021 15:34

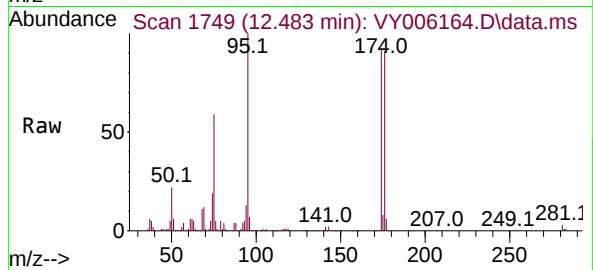
Tgt Ion: 75 Resp: 42819
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.564 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006164.D
 Acq: 27 Sep 2021 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

