

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006662.D
 Acq On : 05 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4477-07
 Misc : 5.06G/10ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:41:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

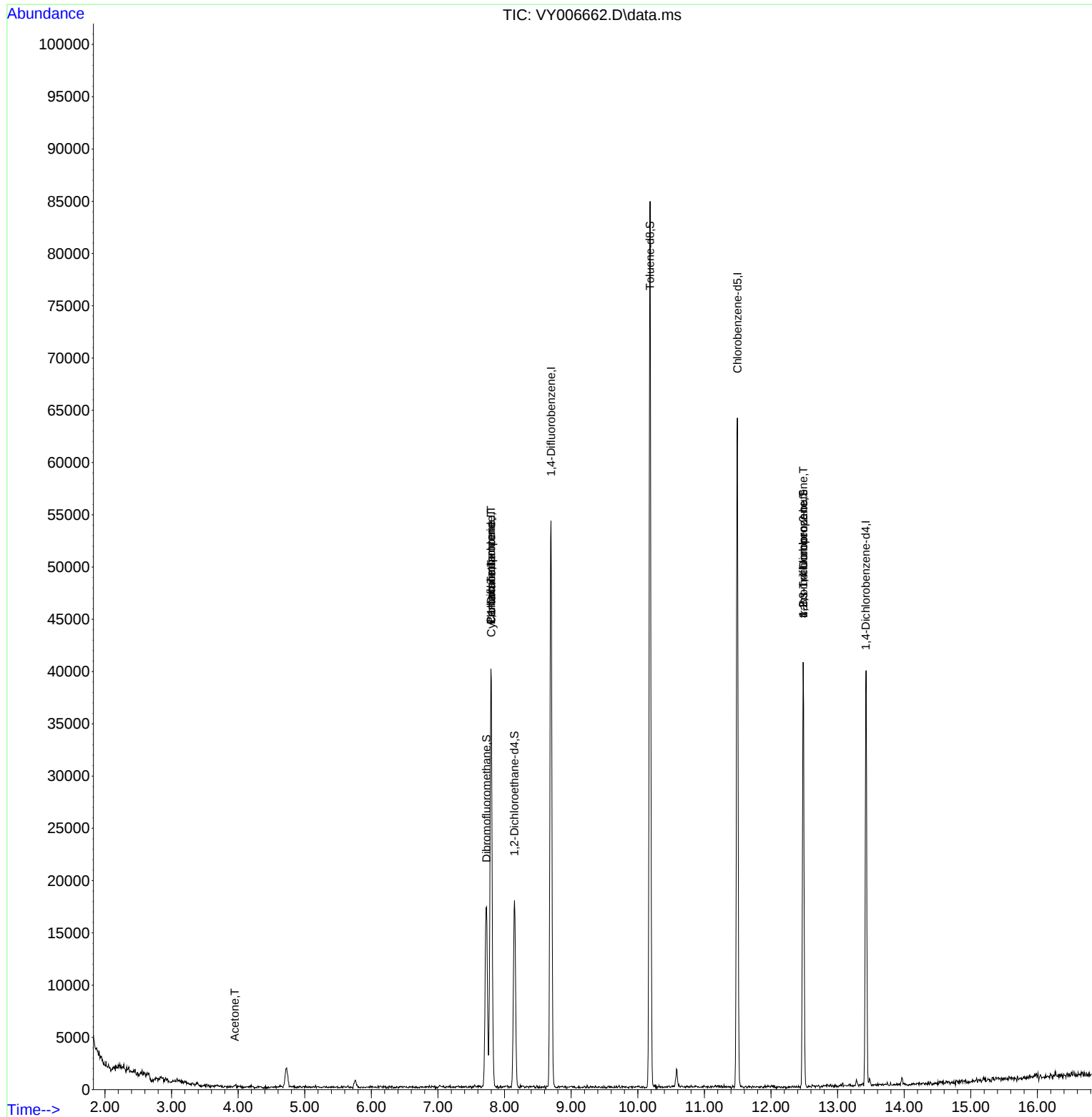
Internal Standards						
1) Pentafluorobenzene	7.795	168	28798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	43301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14769	41.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 83.360%			
35) Dibromofluoromethane	7.728	113	12498	51.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.560%			
50) Toluene-d8	10.185	98	53747	52.533	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.483	95	11103	32.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 64.440%			
Target Compounds						Qvalue
16) Acetone	3.948	43	381	3.734	ug/l #	46
31) Cyclohexane	7.801	56	778	1.356	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	2633	6.154	ug/l #	47
38) Carbon Tetrachloride	7.795	117	3007	6.371	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	6303	62.091	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6303	127.471	ug/l #	7

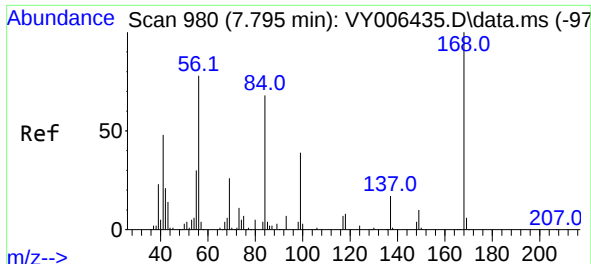
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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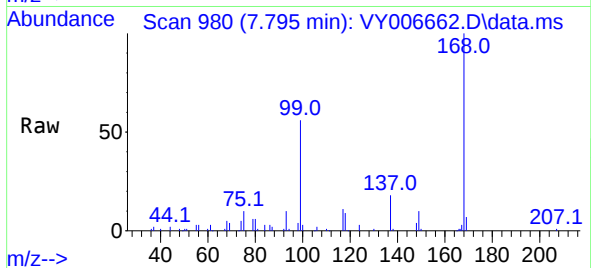
Quant Time: Nov 06 20:41:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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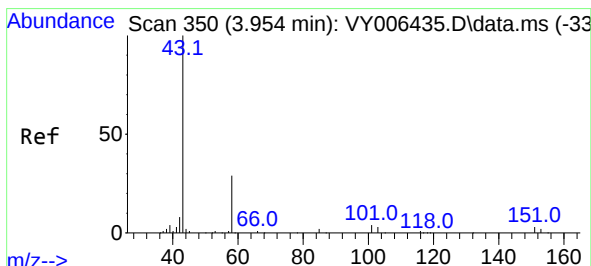
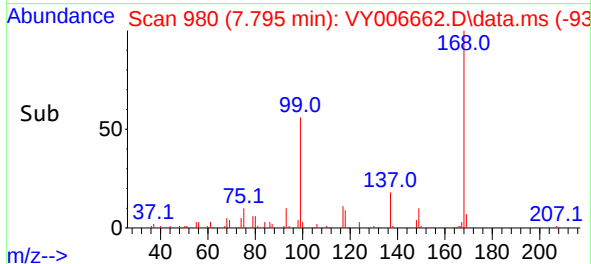
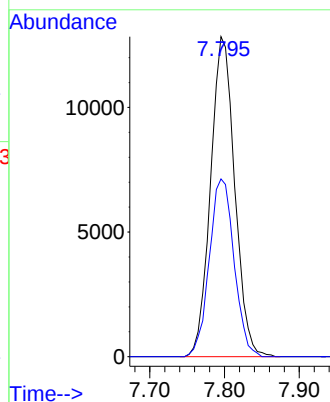


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

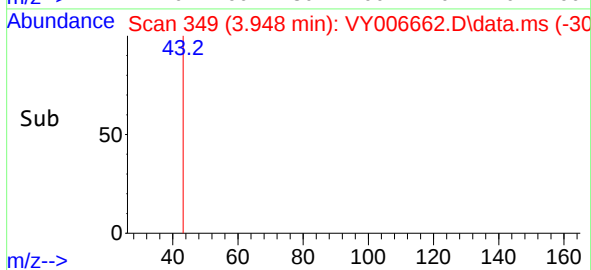
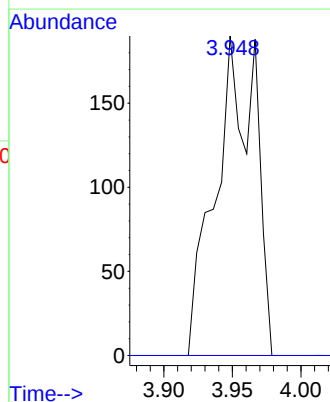
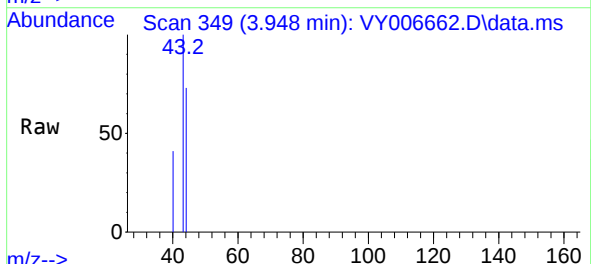


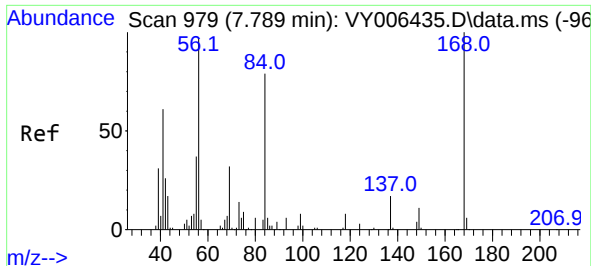
Tgt Ion:168 Resp: 28798
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#16
Acetone
Concen: 3.734 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

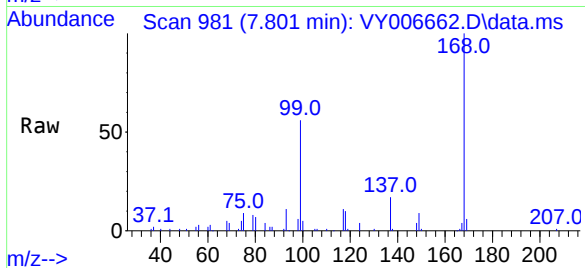
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



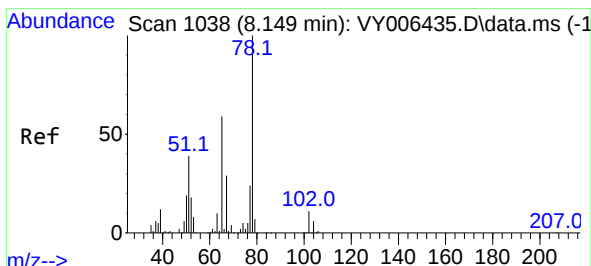
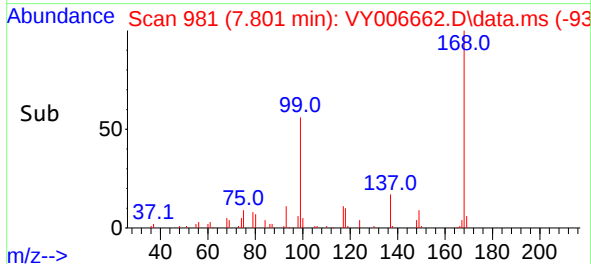
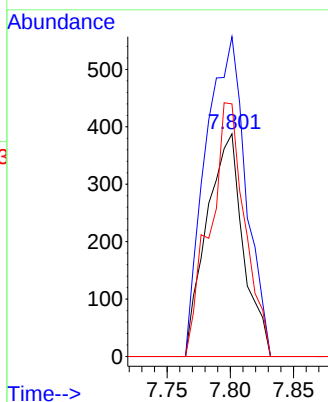


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

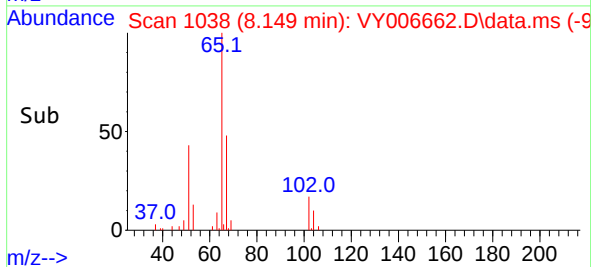
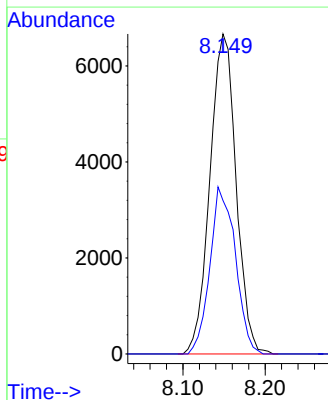
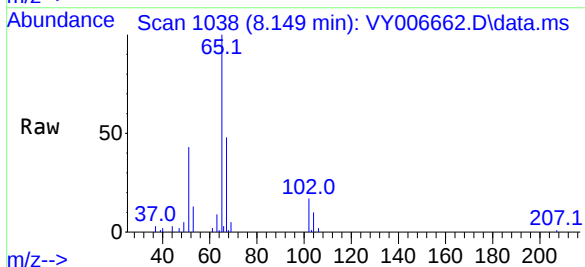


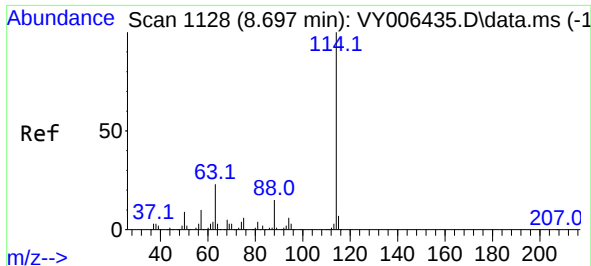
Tgt Ion: 56 Resp: 778
Ion Ratio Lower Upper
56 100
69 143.6 26.6 40.0#
84 113.4 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 41.676 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 65 Resp: 14769
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006662.D

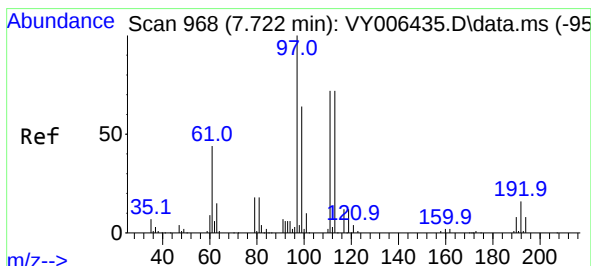
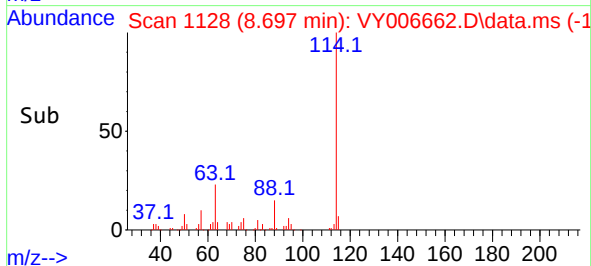
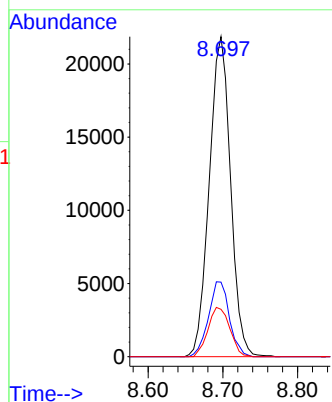
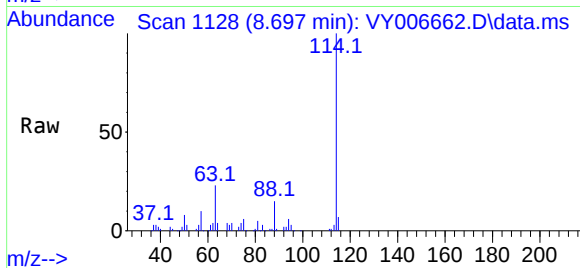
Acq: 05 Nov 2021 17:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	43301
Ion Ratio	Lower	Upper
114	100	
63	23.3	0.0 45.0
88	14.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 51.784 ug/l

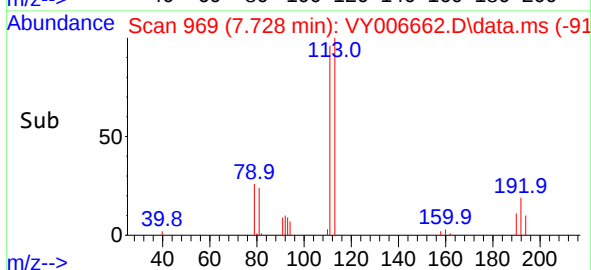
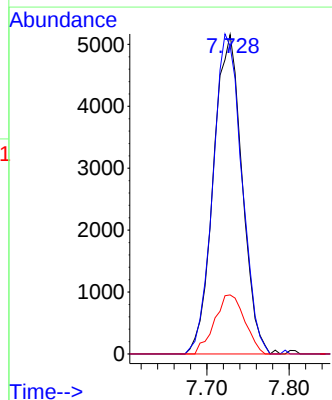
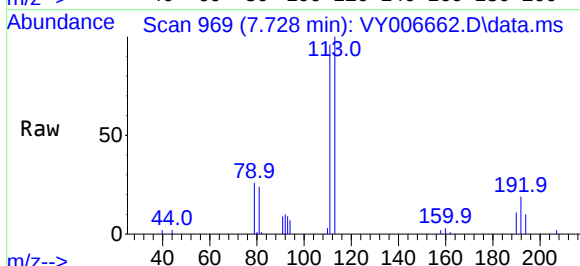
RT: 7.728 min Scan# 969

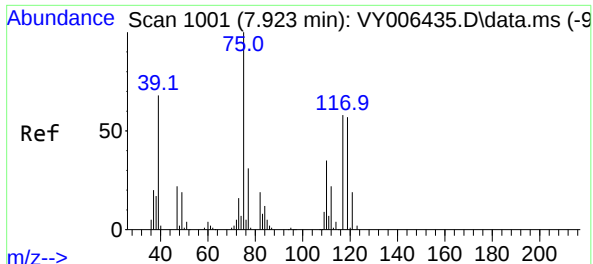
Delta R.T. 0.006 min

Lab File: VY006662.D

Acq: 05 Nov 2021 17:30

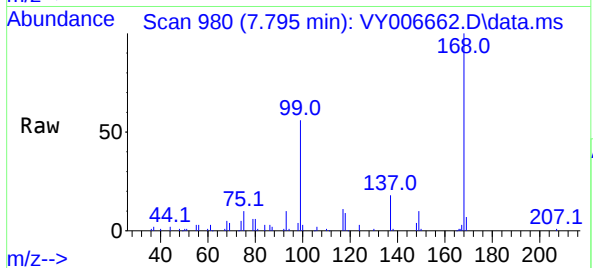
Tgt Ion:113	Resp:	12498
Ion Ratio	Lower	Upper
113	100	
111	100.7	82.3 123.5
192	19.4	17.4 26.2



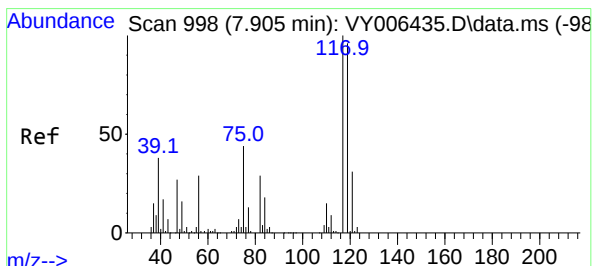
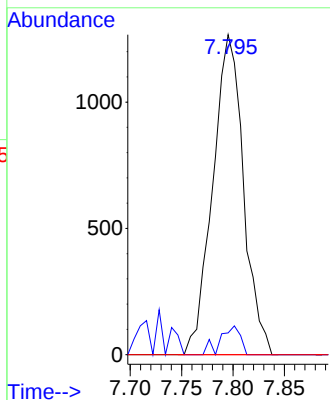
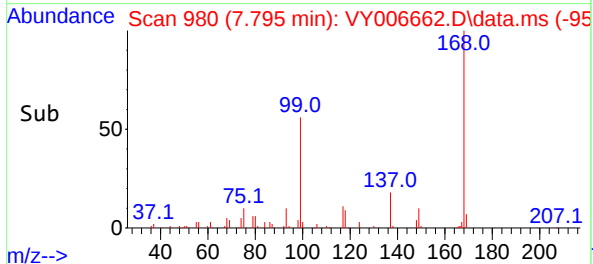


#36
1,1-Dichloropropene
Concen: 6.154 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

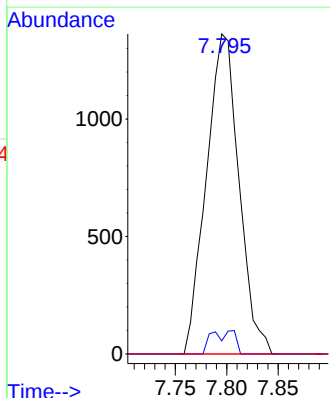
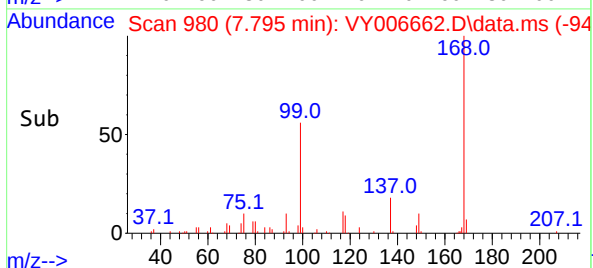
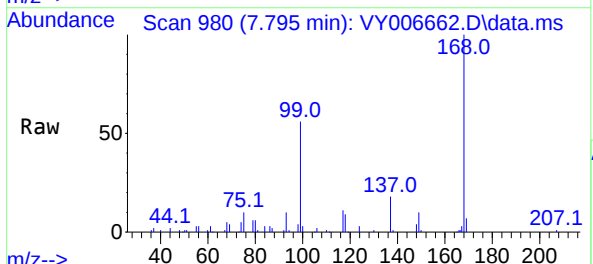


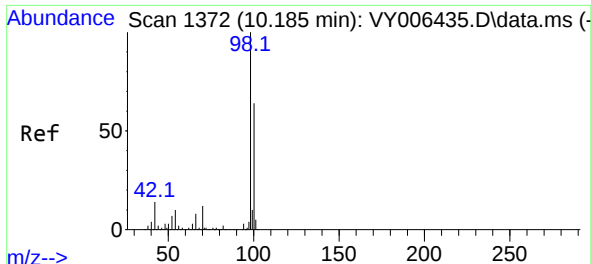
Tgt Ion: 75 Resp: 2633
Ion Ratio Lower Upper
75 100
110 5.8 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 117 Resp: 3007
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 24.7 37.1#

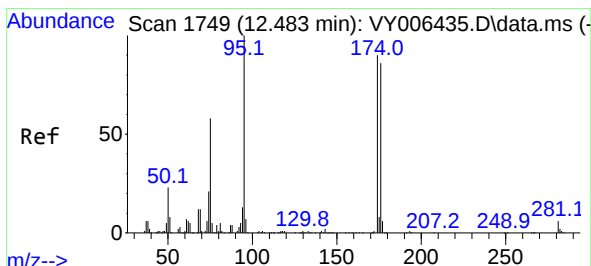
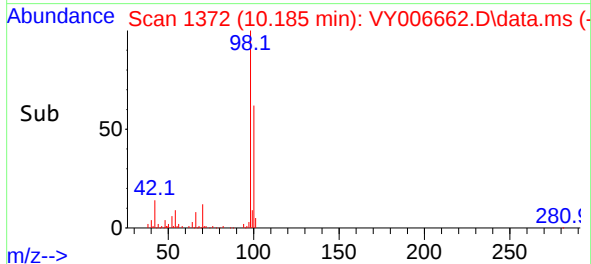
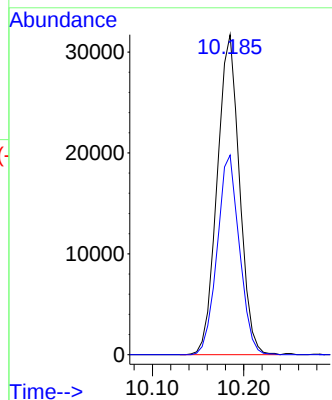
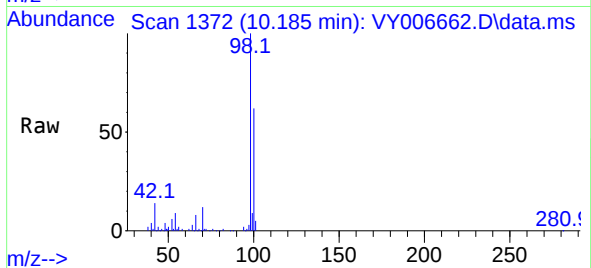




#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

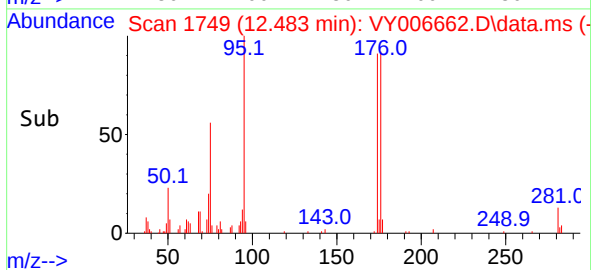
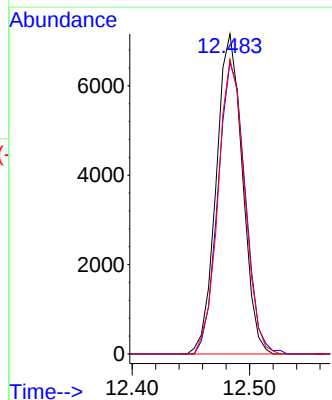
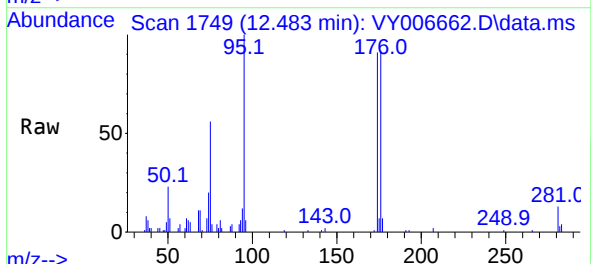
Instrument :
MSVOA_Y
ClientSampleId :

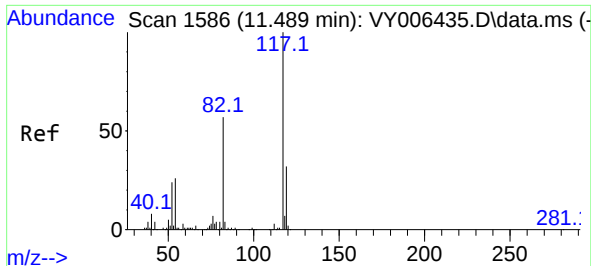
Tgt Ion: 98 Resp: 53747
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 95 Resp: 11103
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 93.2 0.0 169.4

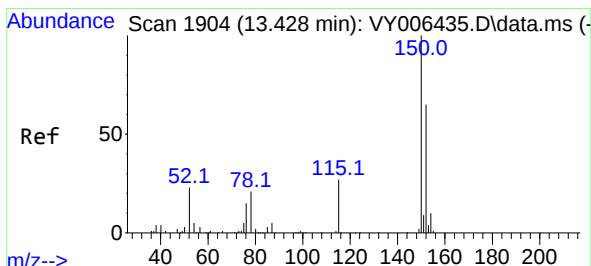
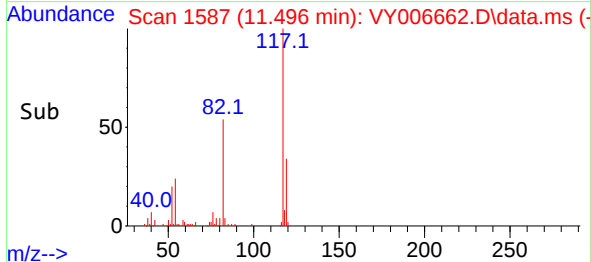
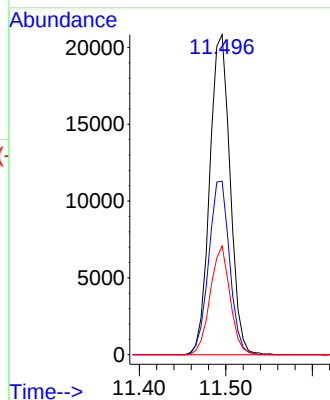
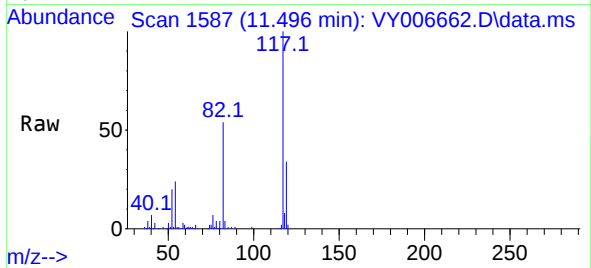




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

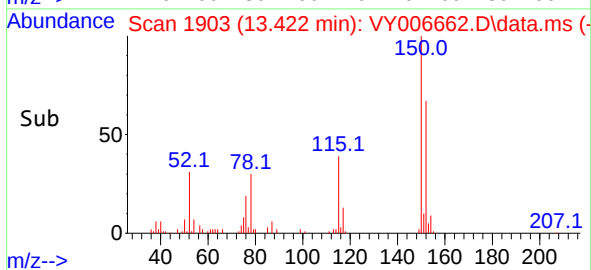
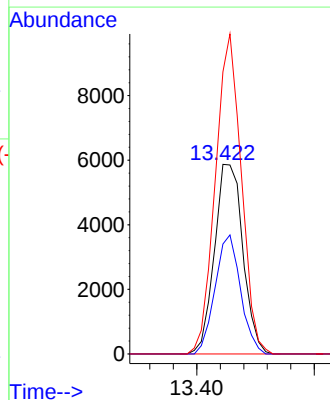
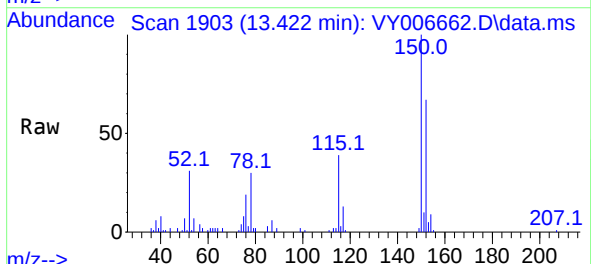
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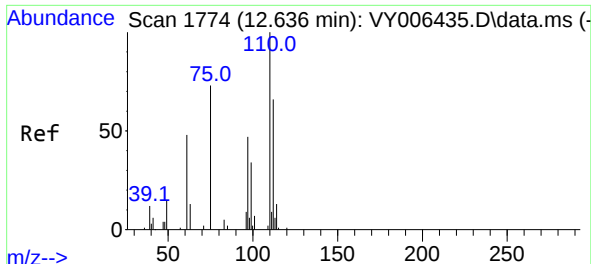
Tgt Ion:117	Resp:	34071
Ion	Ratio	Lower Upper
117	100	
82	54.2	45.7 68.5
119	34.0	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion:152	Resp:	9851
Ion	Ratio	Lower Upper
152	100	
115	56.3	28.5 85.5
150	154.1	0.0 348.2

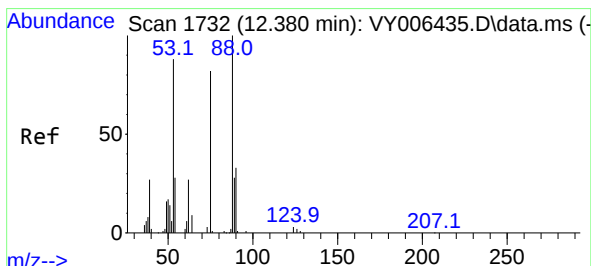
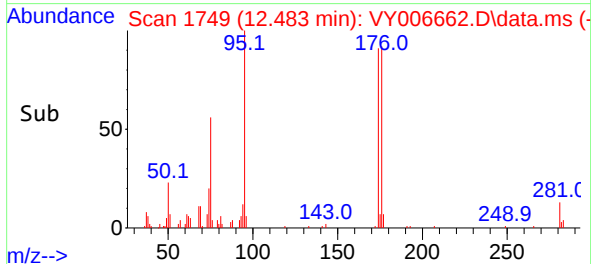
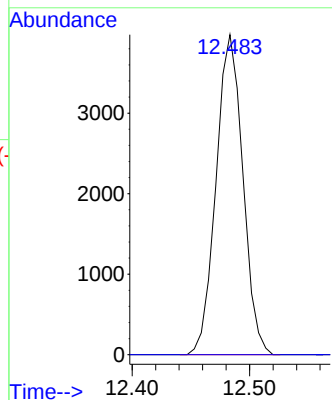
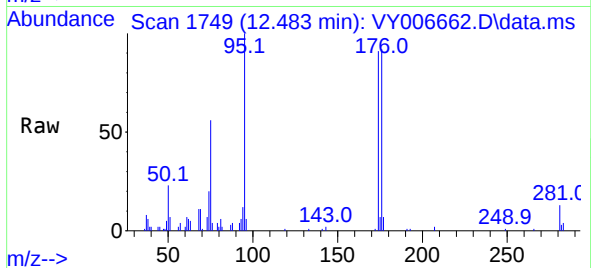




#76
1,2,3-Trichloropropane
Concen: 62.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 127.471 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

