

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091621\
 Data File : VV022167.D
 Acq On : 16 Sep 2021 19:45
 Operator : SY/MD
 Sample : M3764-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 01:58:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 17 01:54:12 2021
 Response via : Initial Calibration

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

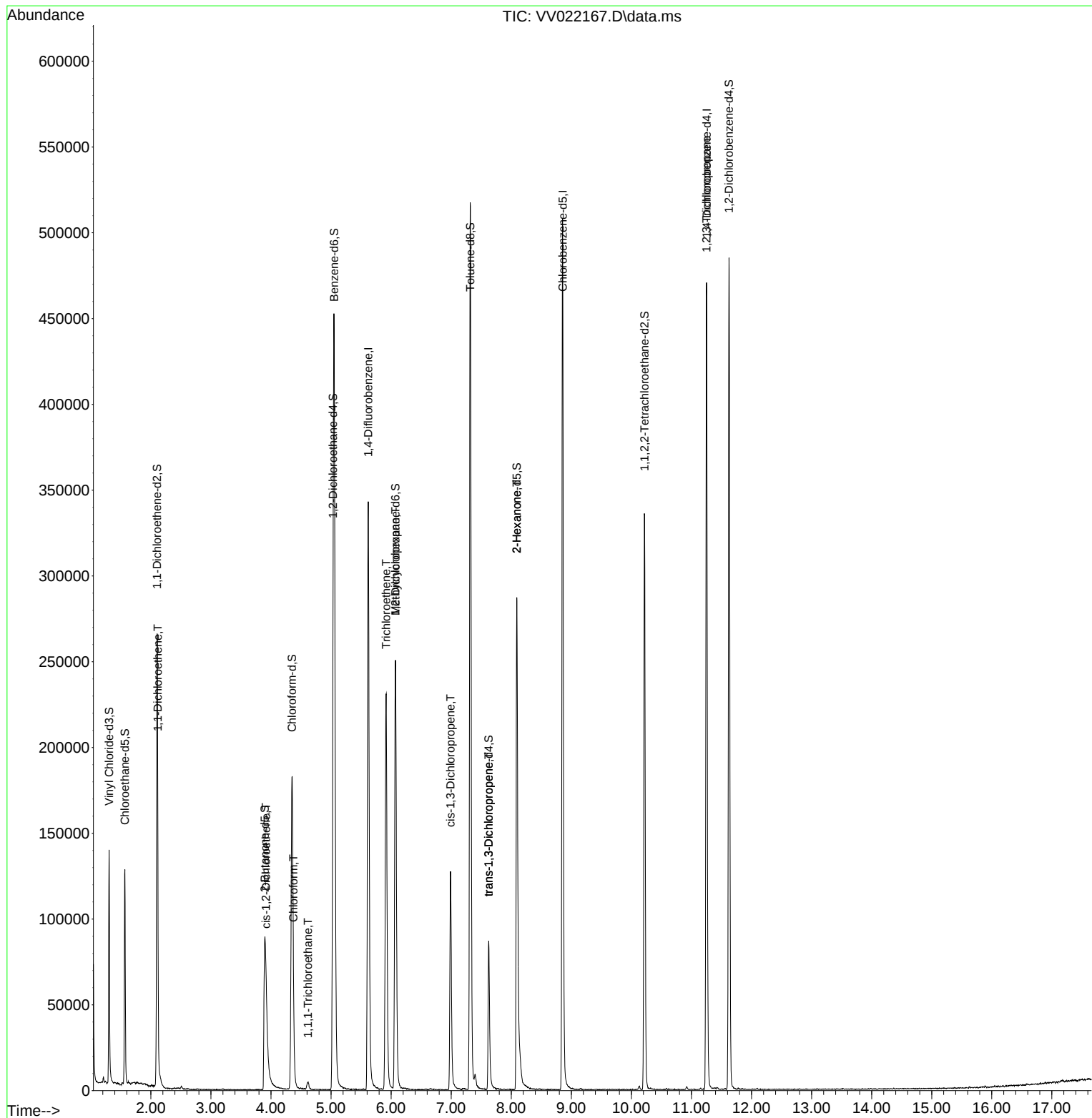
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	305027	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	286424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	128363	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88704	41.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.980%		
7) Chloroethane-d5	1.568	69	76865	46.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.200%		
11) 1,1-Dichloroethene-d2	2.105	63	135339	38.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.480%		
21) 2-Butanone-d5	3.899	46	166015	114.597	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.600%		
24) Chloroform-d	4.352	84	192298	49.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.860%		
26) 1,2-Dichloroethane-d4	5.034	65	120794	53.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.480%		
32) Benzene-d6	5.053	84	396463	51.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.060%		
36) 1,2-Dichloropropane-d6	6.072	67	124723	51.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.100%		
41) Toluene-d8	7.317	98	347187	47.342	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	7.625	79	51466	44.258	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.520%		
47) 2-Hexanone-d5	8.091	63	101274	108.032	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.030%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	160223	51.205	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.420%		
66) 1,2-Dichlorobenzene-d4	11.625	152	130753	51.815	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.620%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	5875	3.339	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	5386	2.275	ug/L	83
25) Chloroform	4.375	83	2262	0.564	ug/L	77
30) 1,1,1-Trichloroethane	4.616	97	3658	1.075	ug/L #	92
34) Trichloroethene	5.918	95	78149	33.107	ug/L	97
35) Methylcyclohexane	6.072	83	30632	8.877	ug/L #	21
39) cis-1,3-Dichloropropene	6.989	75	3203	0.960	ug/L #	60
44) trans-1,3-Dichloropropene	7.625	75	2212	0.713	ug/L #	81
48) 2-Hexanone	8.091	43	11801	5.194	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	14587	6.557	ug/L #	64

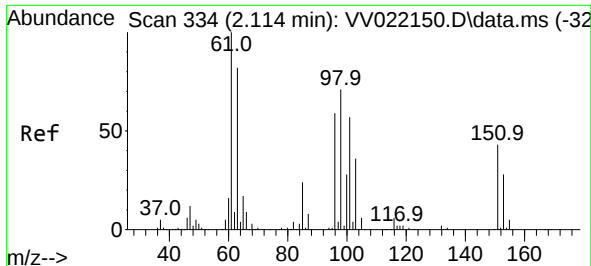
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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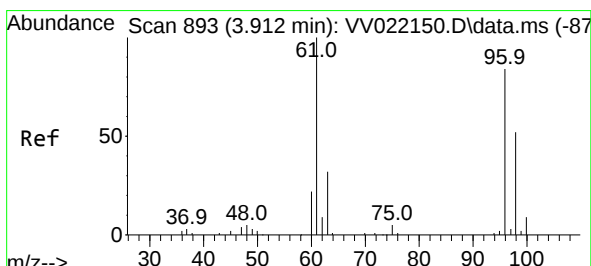
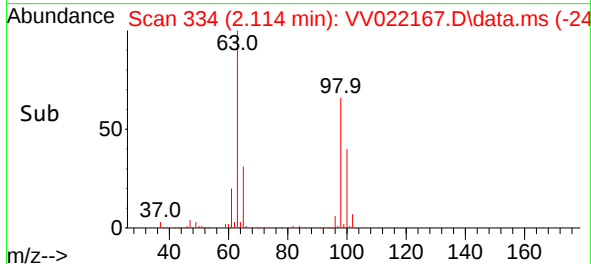
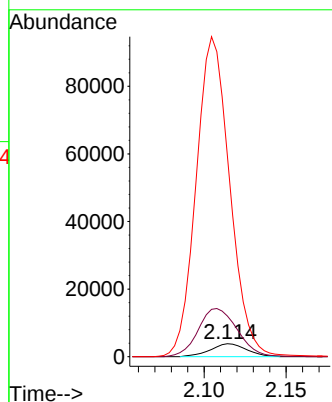
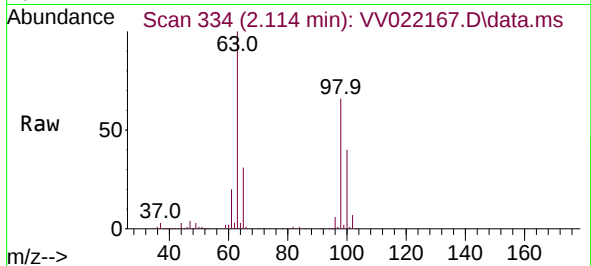




#12
1,1-Dichloroethene
Concen: 3.339 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

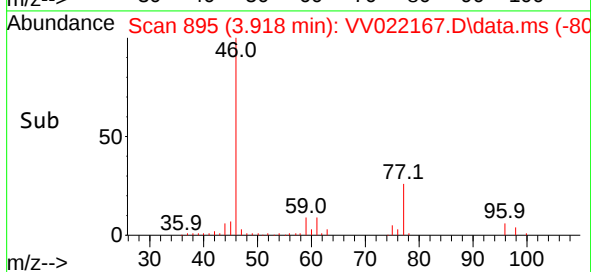
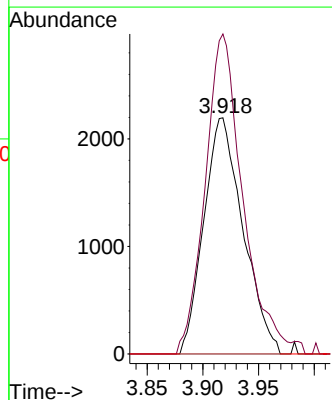
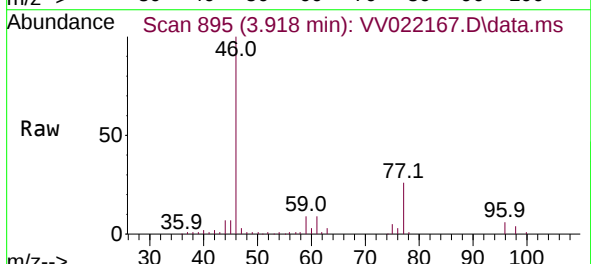
Instrument :
MSVOA_V
ClientSampled :

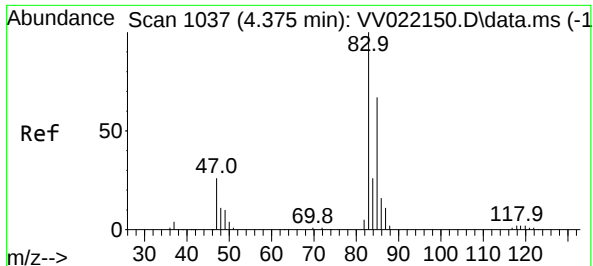
Tgt Ion: 96 Resp: 5875
Ion Ratio Lower Upper
96 100
61 313.7 113.2 210.2#
63 1549.7 102.3 189.9#



#20
cis-1,2-Dichloroethene
Concen: 2.275 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

Tgt Ion: 96 Resp: 5386
Ion Ratio Lower Upper
96 100
61 135.5 81.8 152.0
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.564 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV022167.D

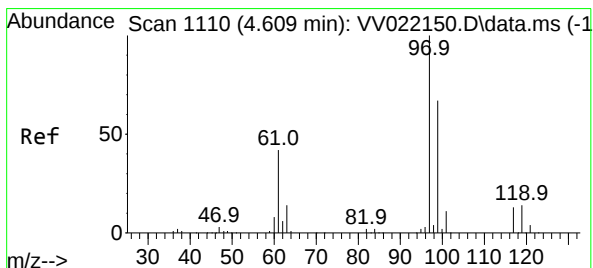
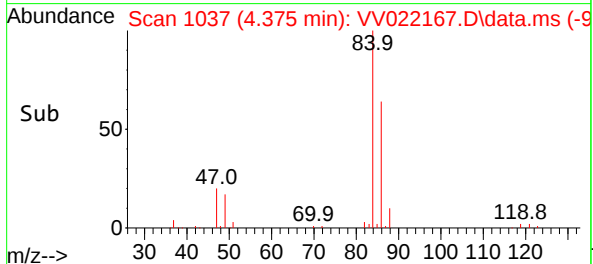
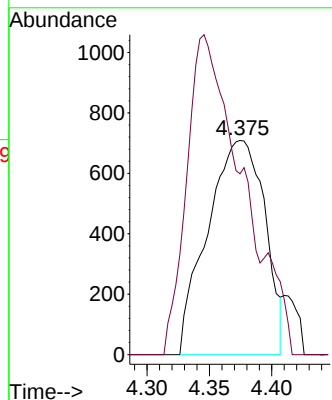
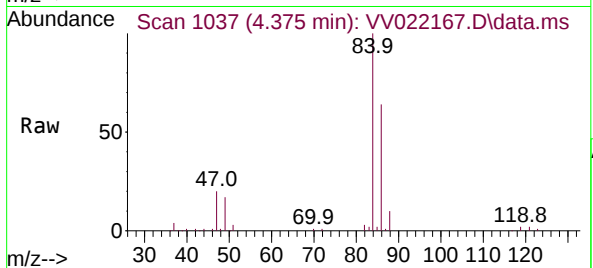
Acq: 16 Sep 2021 19:45

Tgt Ion: 83 Resp: 2262

Ion Ratio Lower Upper

83 100

85 84.5 46.3 85.9



#30

1,1,1-Trichloroethane

Concen: 1.075 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VV022167.D

Acq: 16 Sep 2021 19:45

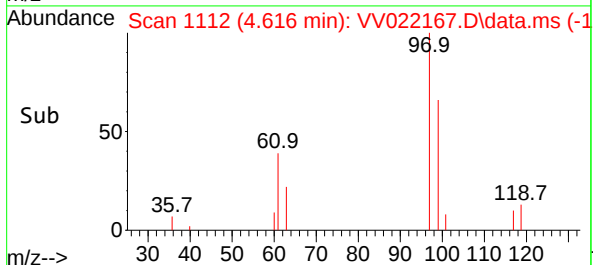
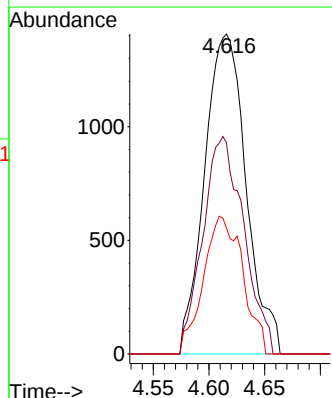
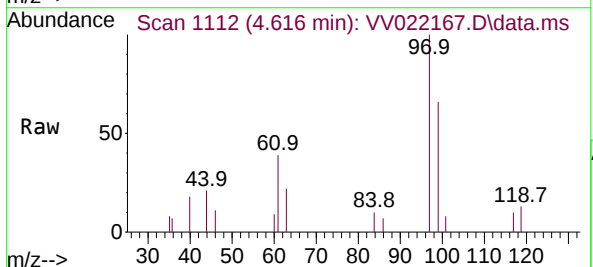
Tgt Ion: 97 Resp: 3658

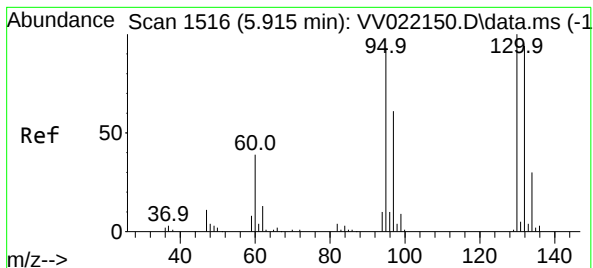
Ion Ratio Lower Upper

97 100

99 66.9 52.0 78.0

61 29.8 31.8 47.8#





#34

Trichloroethene

Concen: 33.107 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV022167.D

Acq: 16 Sep 2021 19:45

Tgt Ion: 95 Resp: 78149

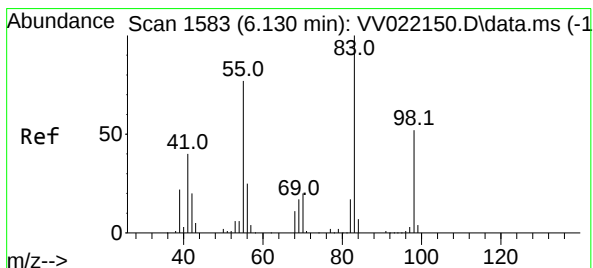
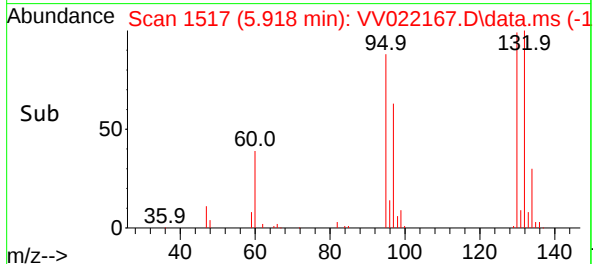
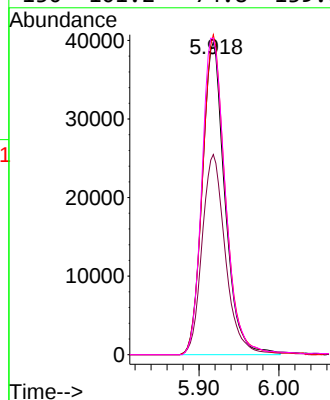
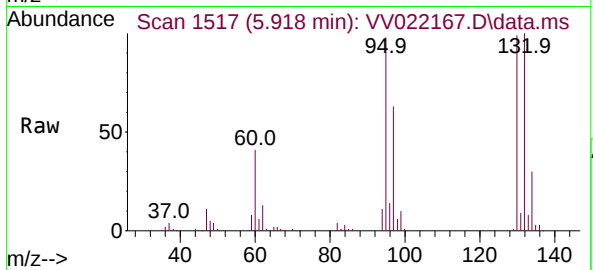
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 102.4 70.7 131.3

130 101.2 74.8 139.0



#35

Methylcyclohexane

Concen: 8.877 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022167.D

Acq: 16 Sep 2021 19:45

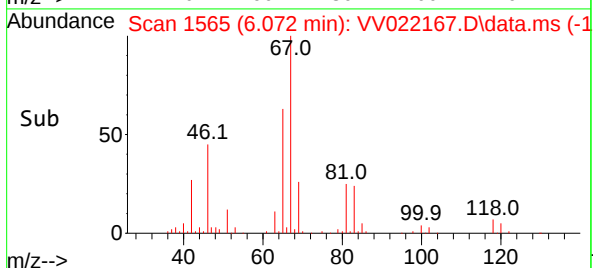
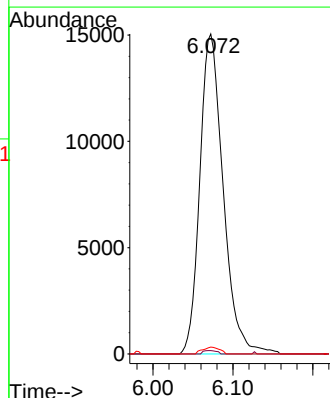
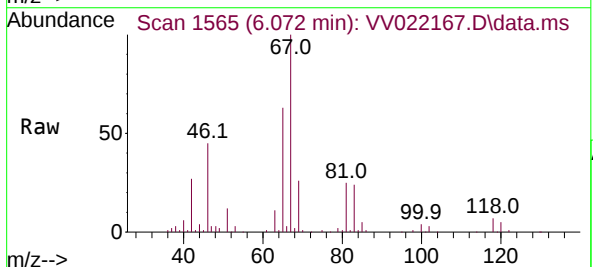
Tgt Ion: 83 Resp: 30632

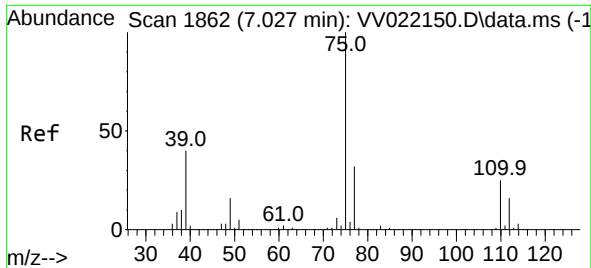
Ion Ratio Lower Upper

83 100

55 0.6 56.8 85.2#

98 1.6 39.9 59.9#



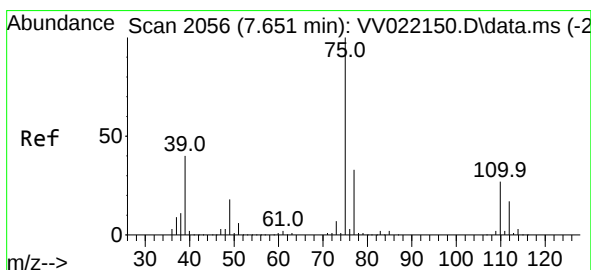
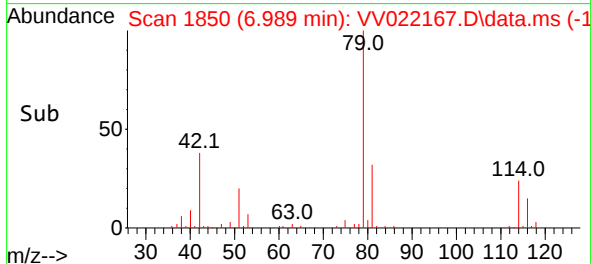
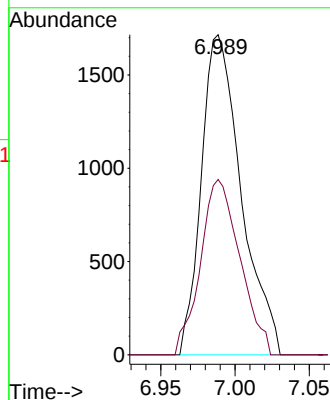
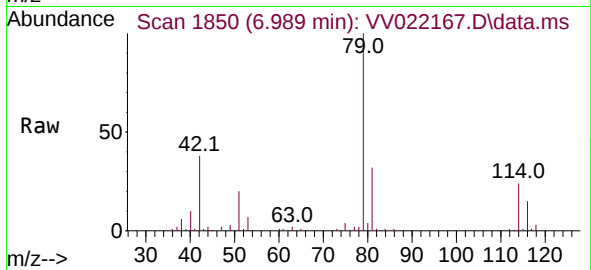


#39

cis-1,3-Dichloropropene
Concen: 0.960 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

Instrument :
MSVOA_V
ClientSampled :

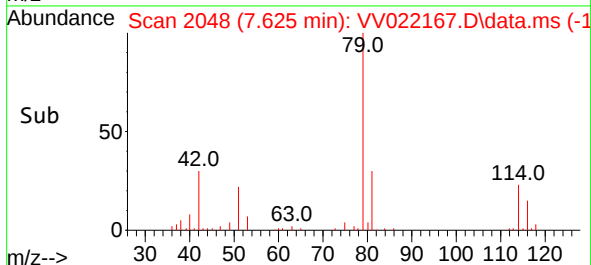
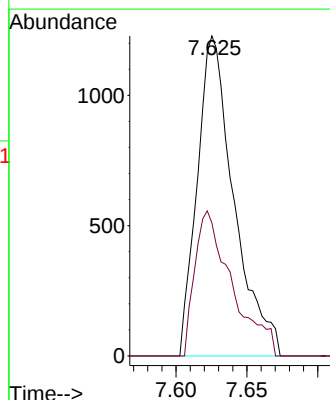
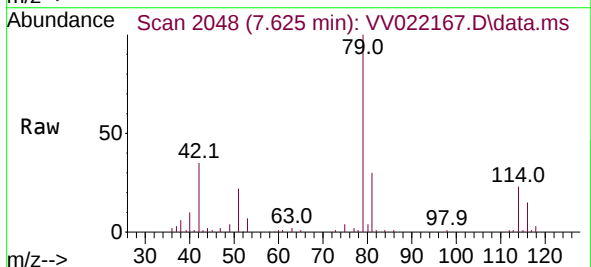
Tgt Ion: 75 Resp: 3203
Ion Ratio Lower Upper
75 100
77 54.8 22.7 42.1#

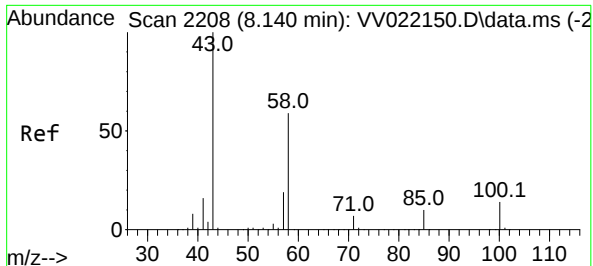


#44

trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

Tgt Ion: 75 Resp: 2212
Ion Ratio Lower Upper
75 100
77 41.6 21.8 40.6#

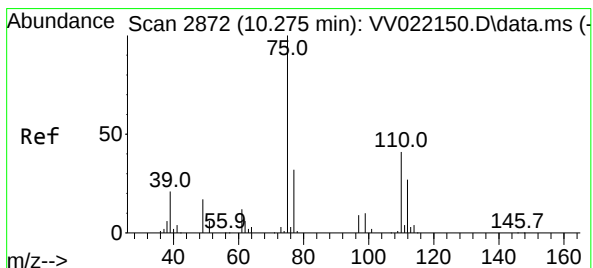
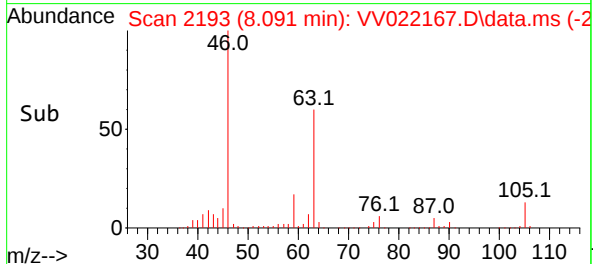
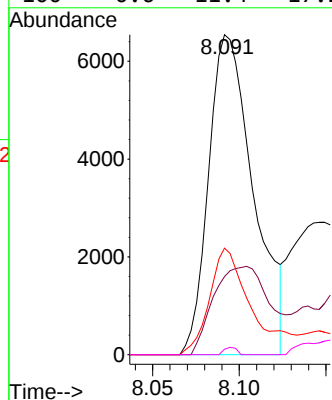
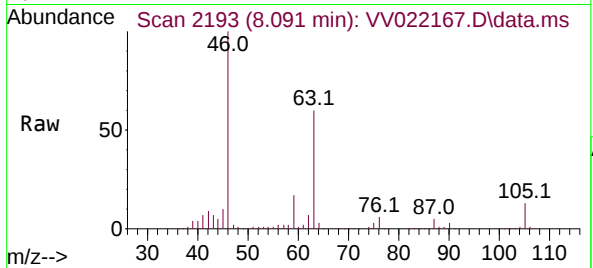




#48
2-Hexanone
Concen: 5.194 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	43	Resp:	11801
Ion	Ratio	Lower	Upper
43	100		
58	34.5	47.5	71.3#
57	27.6	15.9	23.9#
100	0.6	11.4	17.2#



#61
1,2,3-Trichloropropane
Concen: 6.557 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022167.D
Acq: 16 Sep 2021 19:45

Tgt Ion:	75	Resp:	14587
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2
110	2.3	33.8	50.6#

