

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022392.D
 Acq On : 29 Sep 2021 20:56
 Operator : SY/MD
 Sample : M3978-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 05:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

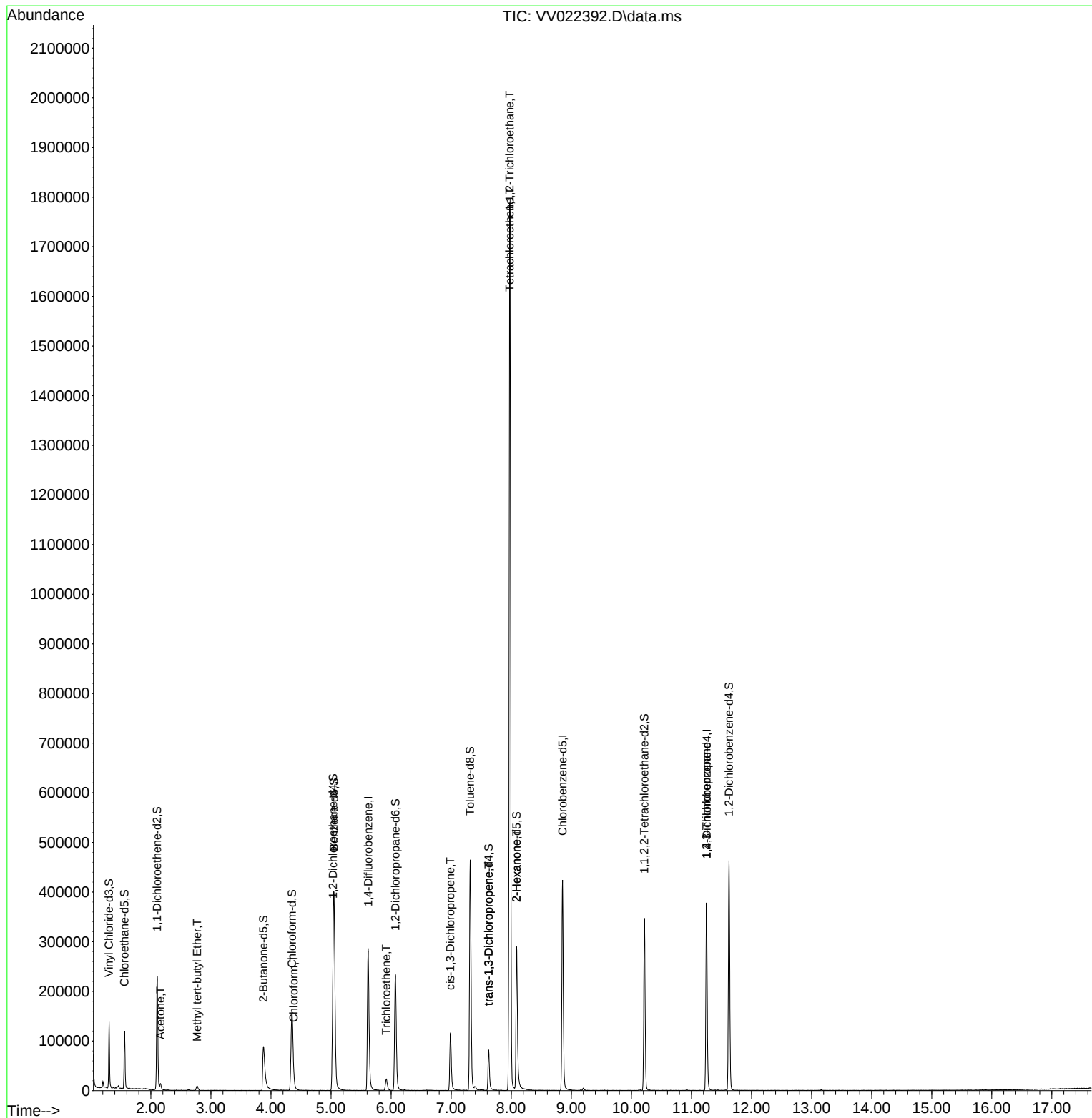
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	250551	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	243257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80010	37.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.260%		
7) Chloroethane-d5	1.561	69	72690	43.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.440%		
11) 1,1-Dichloroethene-d2	2.105	63	116382	31.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.960%		
21) 2-Butanone-d5	3.873	46	139944	93.258	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.260%		
24) Chloroform-d	4.349	84	166225	43.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.580%		
26) 1,2-Dichloroethane-d4	5.034	65	108476	46.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
32) Benzene-d6	5.050	84	352133	46.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
36) 1,2-Dichloropropane-d6	6.072	67	115715	47.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.520%		
41) Toluene-d8	7.317	98	309826	44.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.460%		
43) trans-1,3-Dichloroprop...	7.622	79	47475	42.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.940%		
47) 2-Hexanone-d5	8.088	63	99121	99.639	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.640%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	167576	47.153	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.300%		
66) 1,2-Dichlorobenzene-d4	11.625	152	123303	53.173	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.340%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	9947	8.446	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	8099	1.433	ug/L	97
25) Chloroform	4.378	83	8262	2.338	ug/L	98
34) Trichloroethene	5.918	95	7916	4.146	ug/L	97
39) cis-1,3-Dichloropropene	6.985	75	3000	1.070	ug/L #	31
44) trans-1,3-Dichloropropene	7.625	75	1956	0.731	ug/L #	66
45) 1,1,2-Trichloroethane	7.972	97	3097	1.597	ug/L #	1
46) Tetrachloroethene	7.976	164	410058	260.865	ug/L	97
48) 2-Hexanone	8.088	43	11734	5.763	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	11750	6.039	ug/L #	61

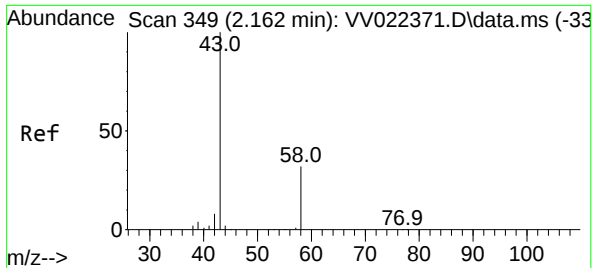
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
Response via : Initial Calibration

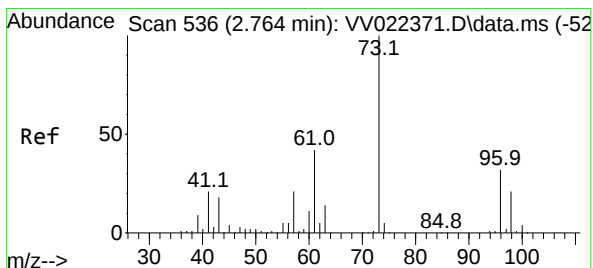
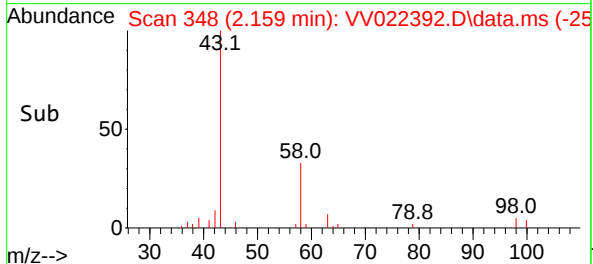
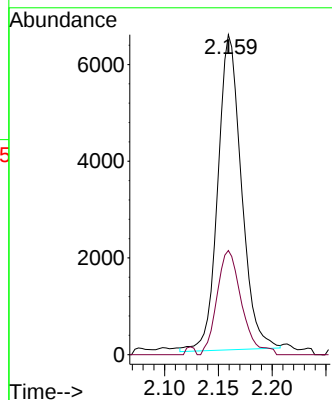
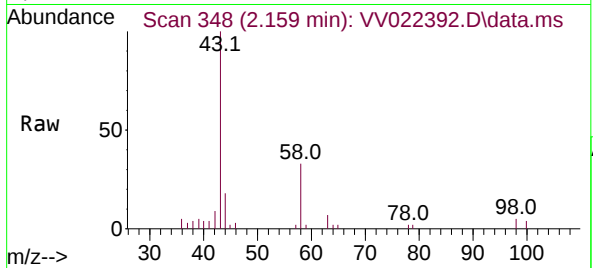




#13
Acetone
Concen: 8.446 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.003 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

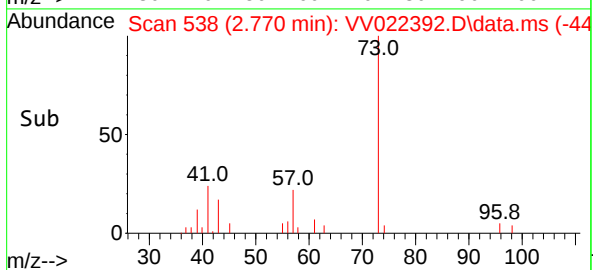
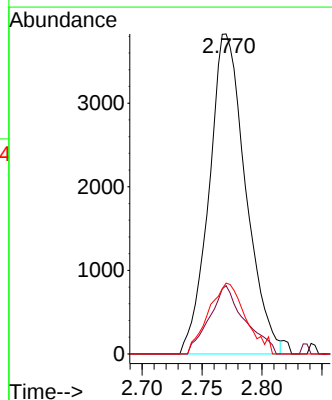
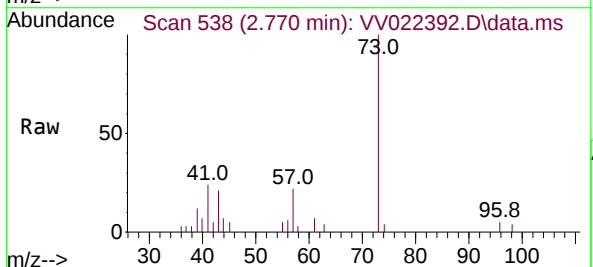
Instrument :
MSVOA_V
ClientSampled :

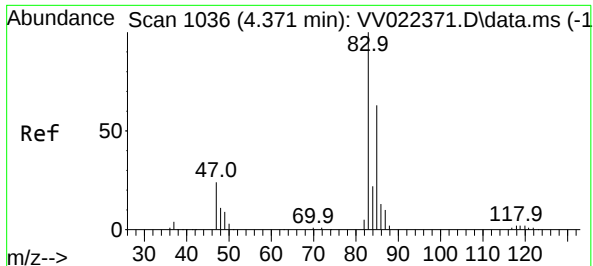
Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
58 34.4 0.0 67.2



#18
Methyl tert-butyl Ether
Concen: 1.433 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

Tgt Ion: 73 Resp: 8099
Ion Ratio Lower Upper
73 100
43 20.7 14.6 21.8
57 22.1 17.6 26.4





#25

Chloroform

Concen: 2.338 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022392.D

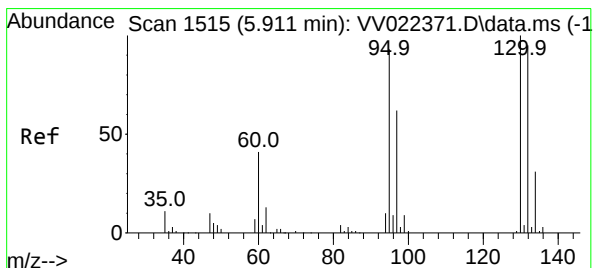
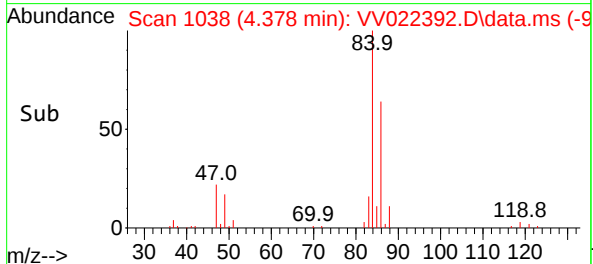
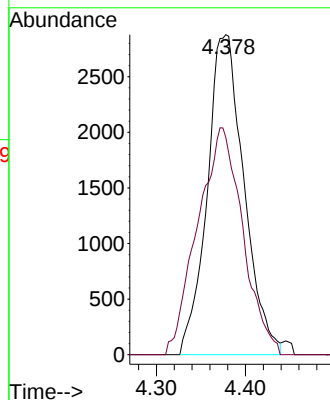
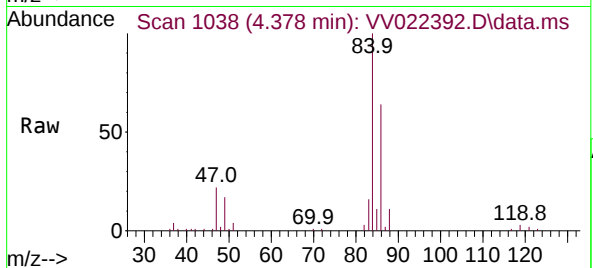
Acq: 29 Sep 2021 20:56

Tgt Ion: 83 Resp: 8262

Ion Ratio Lower Upper

83 100

85 67.9 46.5 86.3



#34

Trichloroethene

Concen: 4.146 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022392.D

Acq: 29 Sep 2021 20:56

Tgt Ion: 95 Resp: 7916

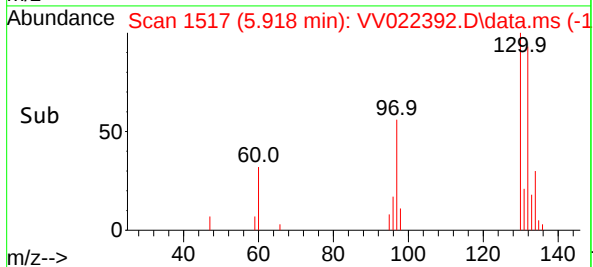
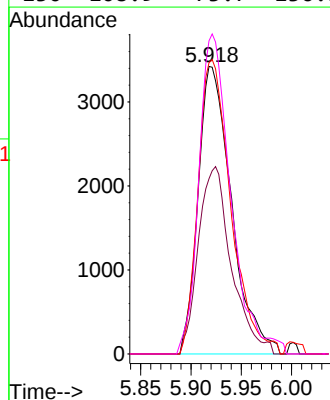
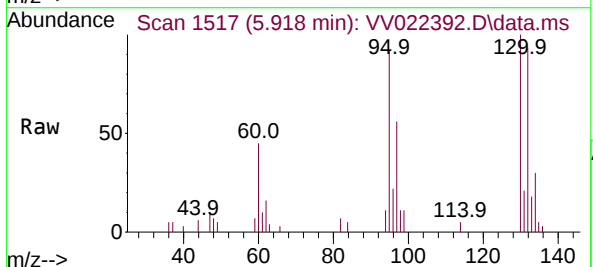
Ion Ratio Lower Upper

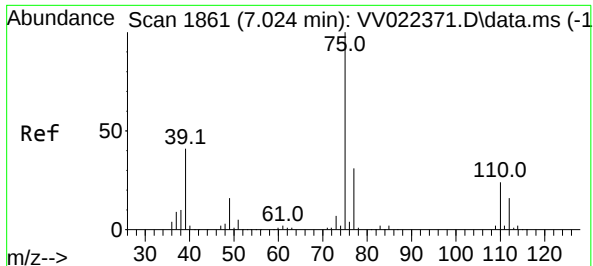
95 100

97 61.0 45.2 84.0

132 101.3 71.0 131.8

130 108.9 73.7 136.9



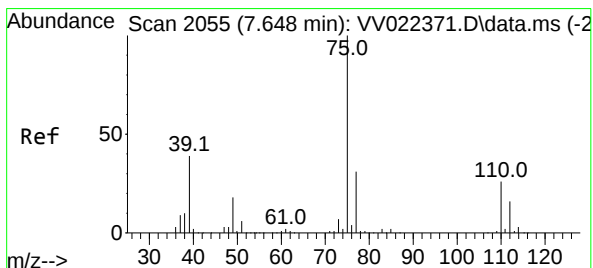
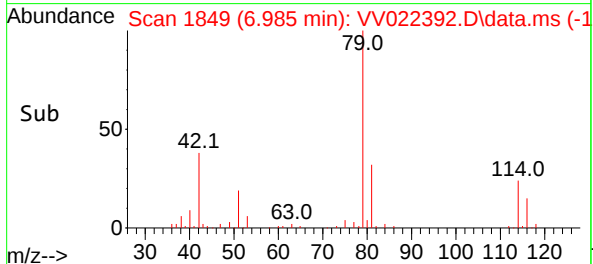
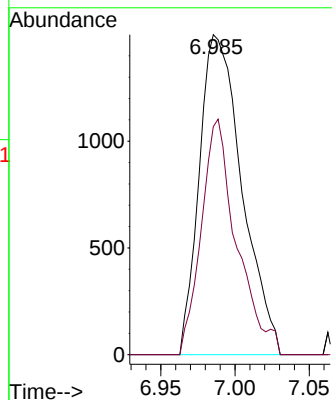
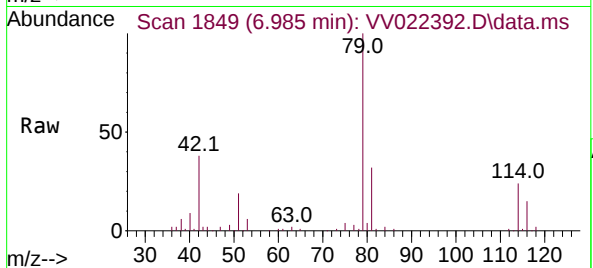


#39

cis-1,3-Dichloropropene
Concen: 1.070 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

Instrument :
MSVOA_V
ClientSampled :

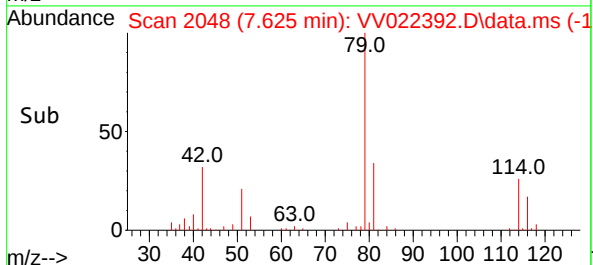
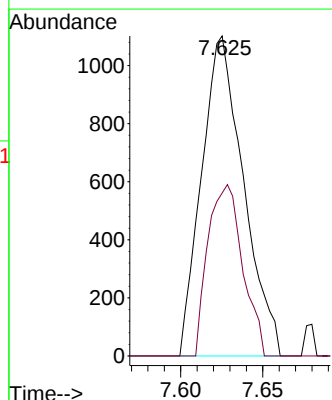
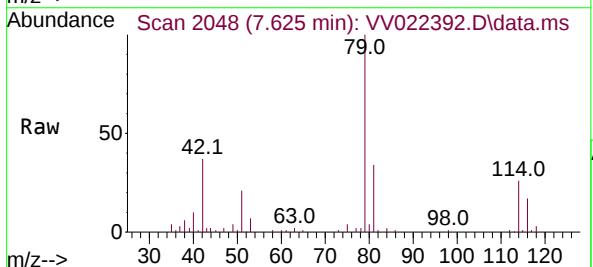
Tgt Ion: 75 Resp: 3000
Ion Ratio Lower Upper
75 100
77 71.3 22.7 42.1#

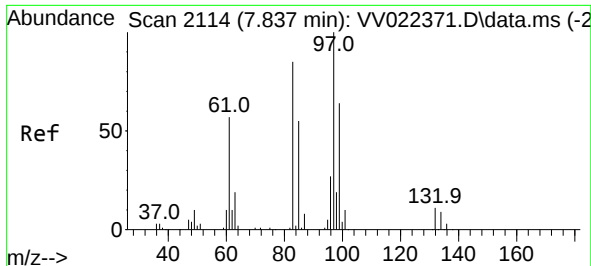


#44

trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

Tgt Ion: 75 Resp: 1956
Ion Ratio Lower Upper
75 100
77 50.9 22.3 41.3#





#45

1,1,2-Trichloroethane

Concen: 1.597 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV022392.D

Acq: 29 Sep 2021 20:56

Tgt Ion: 97 Resp: 3097

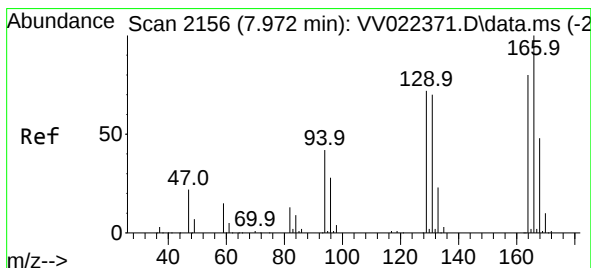
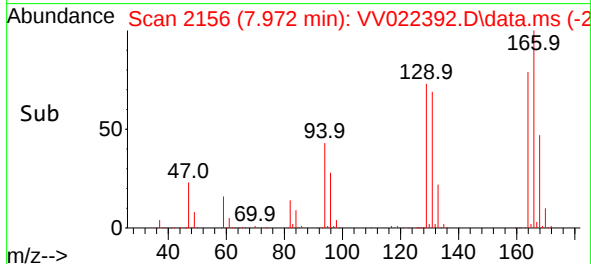
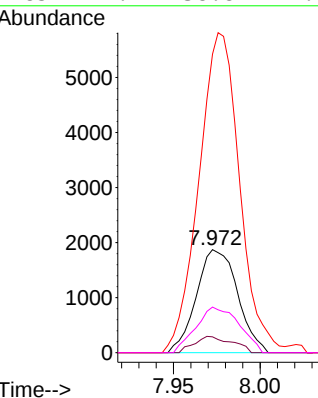
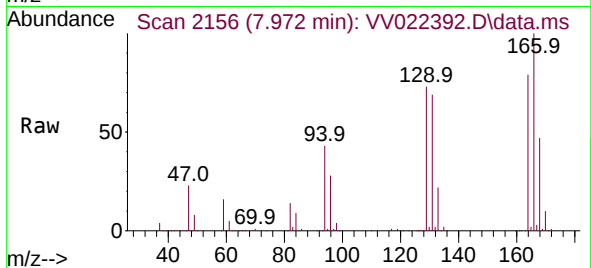
Ion Ratio Lower Upper

97 100

99 15.4 44.6 82.8#

83 289.9 59.8 111.1#

85 44.2 38.8 72.0



#46

Tetrachloroethene

Concen: 260.865 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022392.D

Acq: 29 Sep 2021 20:56

Tgt Ion:164 Resp: 410058

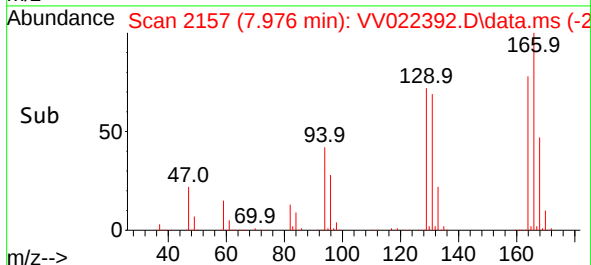
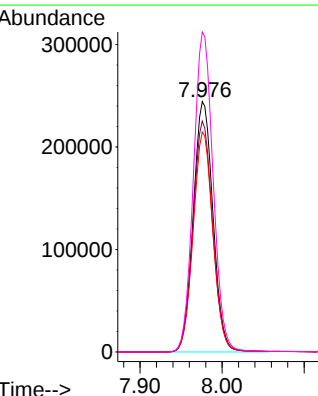
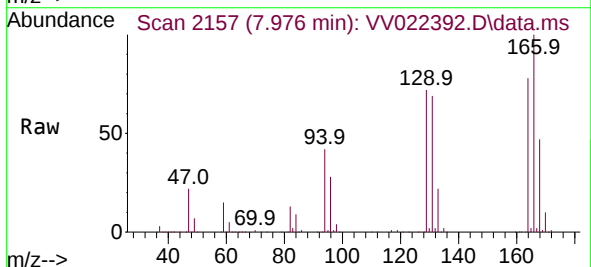
Ion Ratio Lower Upper

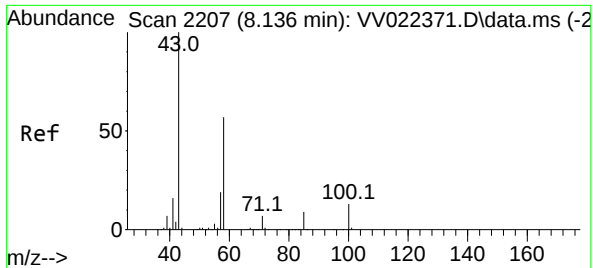
164 100

129 92.2 66.4 123.4

131 87.9 63.6 118.0

166 127.8 91.6 170.0

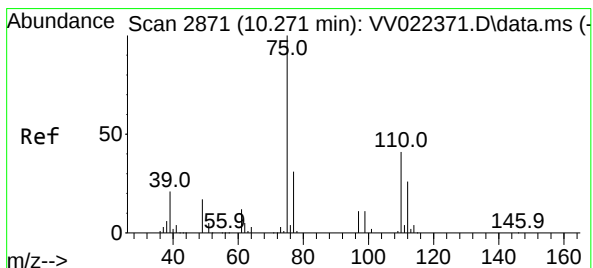
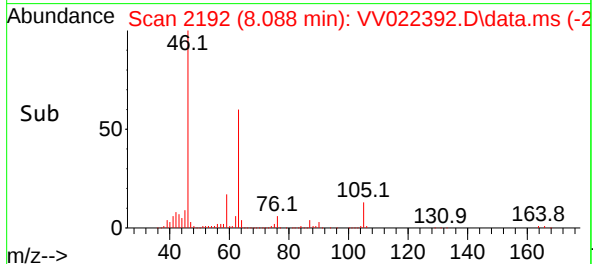
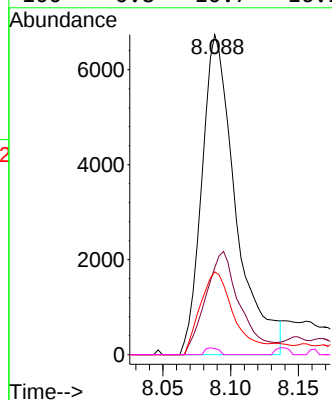
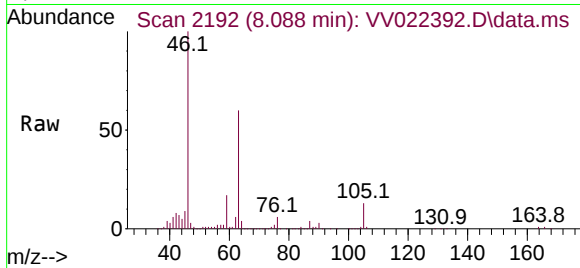




#48
2-Hexanone
Concen: 5.763 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 11734
Ion Ratio	Lower Upper
43 100	
58 33.1	45.4 68.2#
57 26.0	15.0 22.4#
100 0.8	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.039 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV022392.D
Acq: 29 Sep 2021 20:56

Tgt Ion: 75	Resp: 11750
Ion Ratio	Lower Upper
75 100	
77 35.4	25.4 38.0
110 0.6	32.6 48.8#

