

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022388.D
 Acq On : 29 Sep 2021 19:19
 Operator : SY/MD
 Sample : M3978-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A33

Quant Time: Sep 30 05:30:47 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)

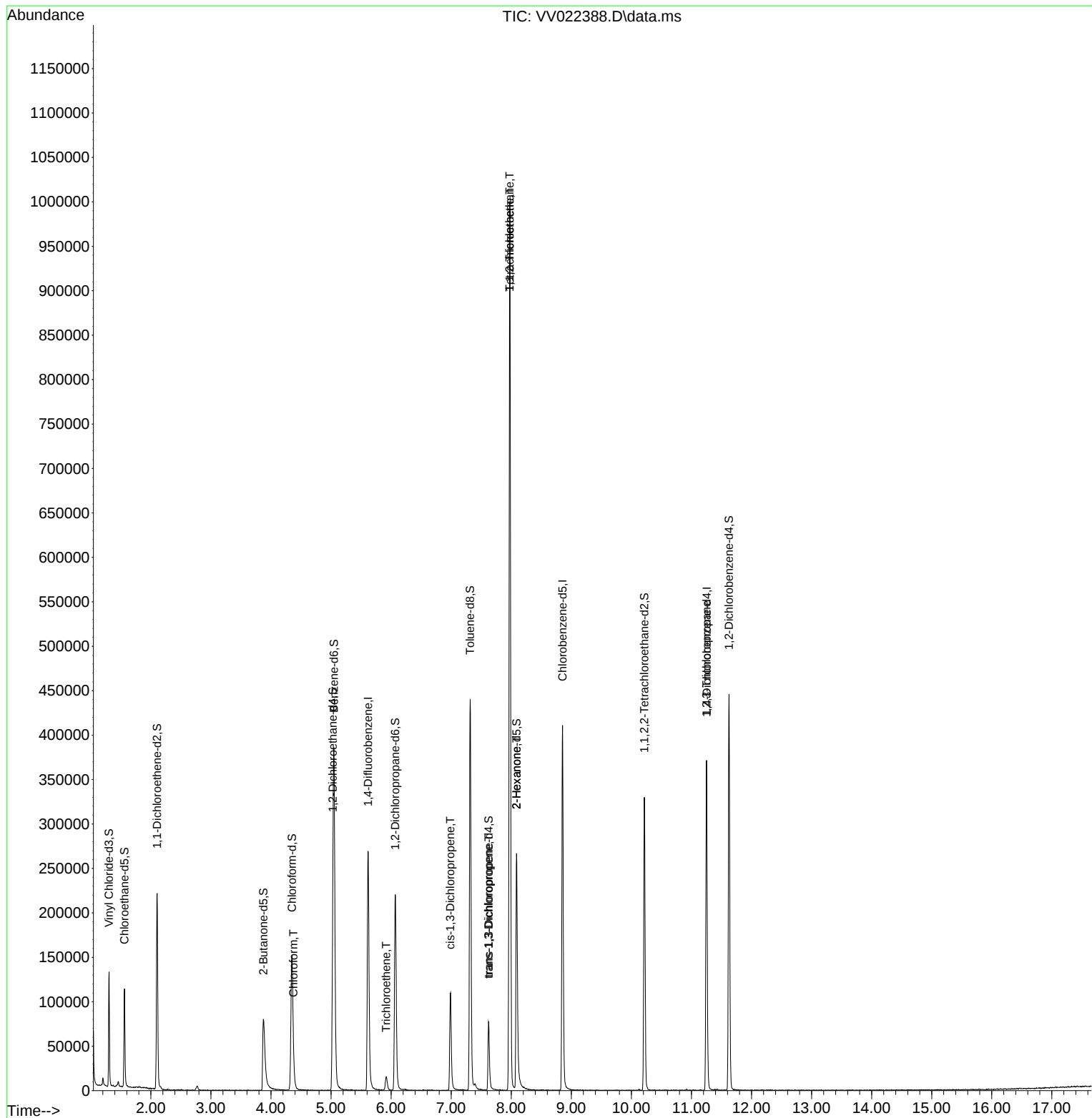
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	240150	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	234249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	103005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78668	38.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.200%		
7) Chloroethane-d5	1.561	69	71475	44.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.680%		
11) 1,1-Dichloroethene-d2	2.105	63	114010	32.175	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.360%		
21) 2-Butanone-d5	3.873	46	120426	83.727	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.730%		
24) Chloroform-d	4.349	84	157560	42.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.620%		
26) 1,2-Dichloroethane-d4	5.031	65	105095	46.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
32) Benzene-d6	5.050	84	339531	46.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
36) 1,2-Dichloropropane-d6	6.069	67	110823	47.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.020%		
41) Toluene-d8	7.317	98	299509	44.404	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	7.622	79	44254	41.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.220%		
47) 2-Hexanone-d5	8.088	63	90049	94.000	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160438	46.881	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.760%		
66) 1,2-Dichlorobenzene-d4	11.625	152	118001	51.519	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.040%		
Target Compounds					Qvalue	
25) Chloroform	4.375	83	12128	3.580	ug/L	95
34) Trichloroethene	5.918	95	4828	2.626	ug/L	98
39) cis-1,3-Dichloropropene	6.986	75	2842	1.052	ug/L #	58
44) trans-1,3-Dichloropropene	7.625	75	2153	0.835	ug/L #	80
45) 1,1,2-Trichloroethane	7.976	97	1851	0.991	ug/L #	1
46) Tetrachloroethene	7.976	164	228584	151.010	ug/L	97
48) 2-Hexanone	8.088	43	10814	5.516	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	11534	6.002	ug/L #	65

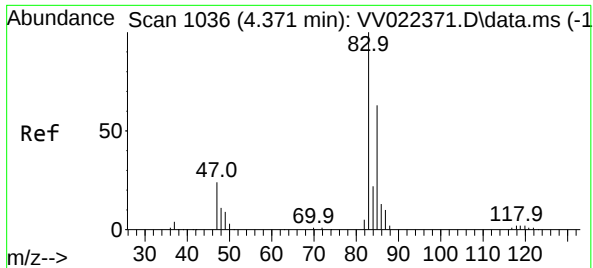
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 05:30:47 2021
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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 3.580 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

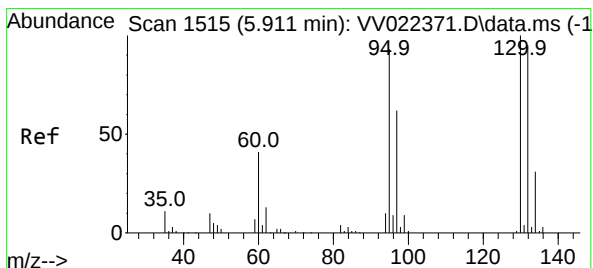
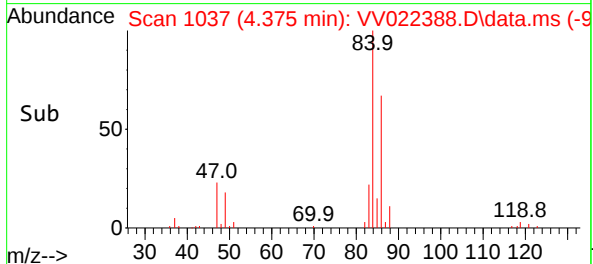
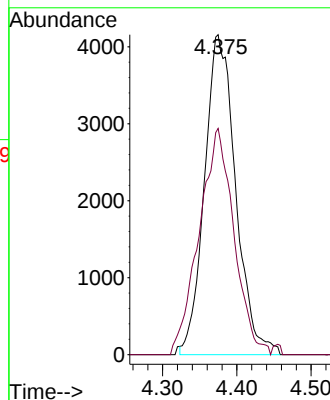
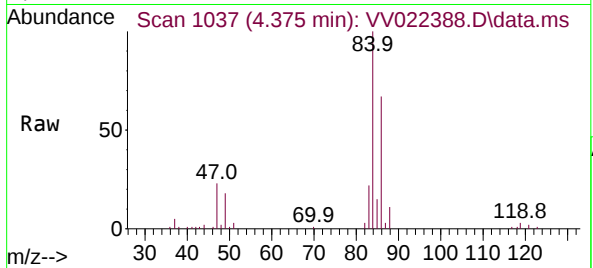
Lab File: VV022388.D

Acq: 29 Sep 2021 19:19

Tgt Ion: 83 Resp: 12128

Ion	Ratio	Lower	Upper
83	100		
85	70.7	46.5	86.3

Instrument :
MSVOA_V
ClientSampled :
F4A33



#34

Trichloroethene

Concen: 2.626 ug/L

RT: 5.918 min Scan# 1517

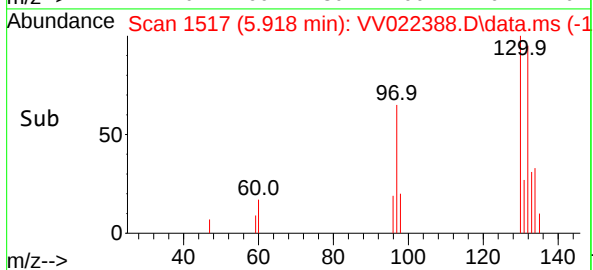
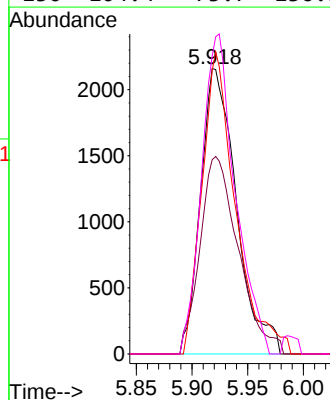
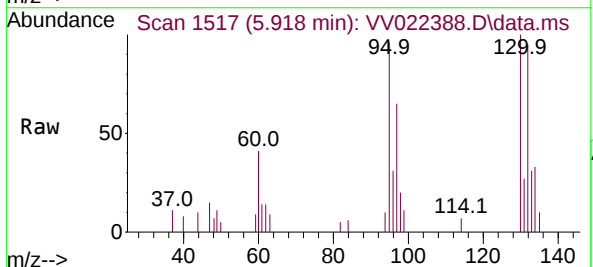
Delta R.T. 0.007 min

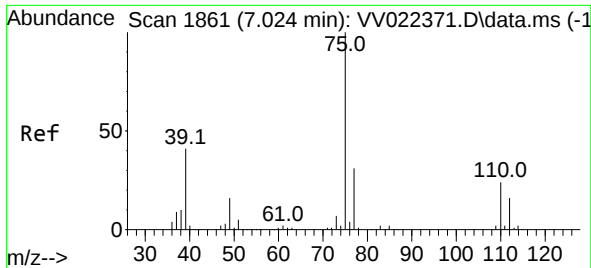
Lab File: VV022388.D

Acq: 29 Sep 2021 19:19

Tgt Ion: 95 Resp: 4828

Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.2	84.0
132	99.4	71.0	131.8
130	104.4	73.7	136.9



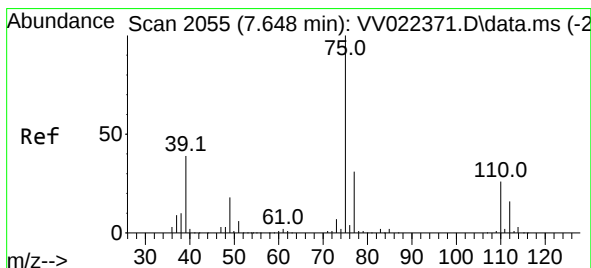
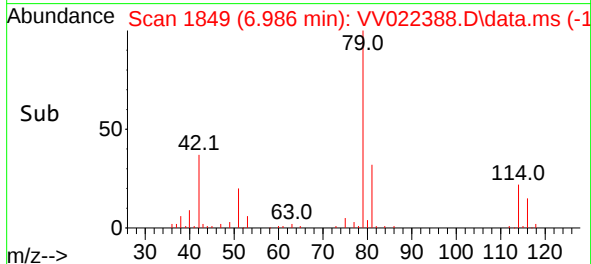
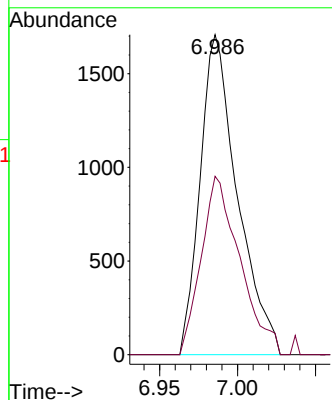
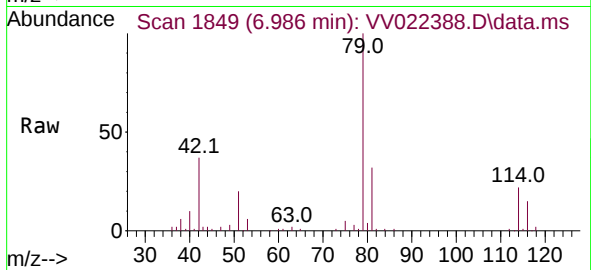


#39

cis-1,3-Dichloropropene
Concen: 1.052 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV022388.D
Acq: 29 Sep 2021 19:19

Instrument :
MSVOA_V
ClientSampled :
F4A33

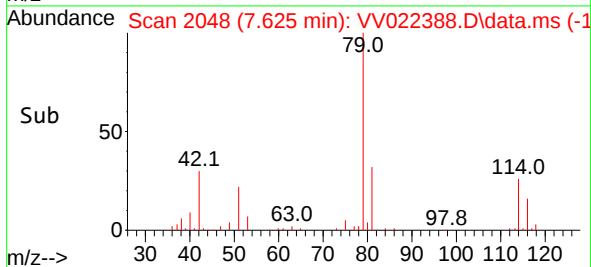
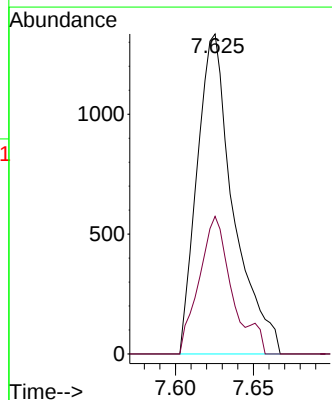
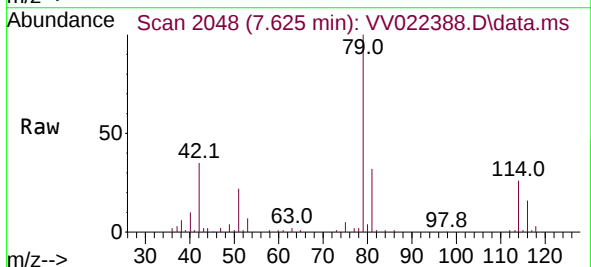
Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
77 55.7 22.7 42.1#

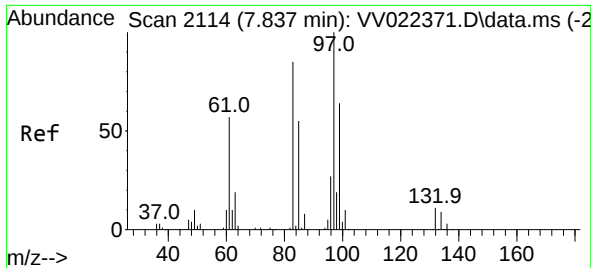


#44

trans-1,3-Dichloropropene
Concen: 0.835 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV022388.D
Acq: 29 Sep 2021 19:19

Tgt Ion: 75 Resp: 2153
Ion Ratio Lower Upper
75 100
77 43.0 22.3 41.3#



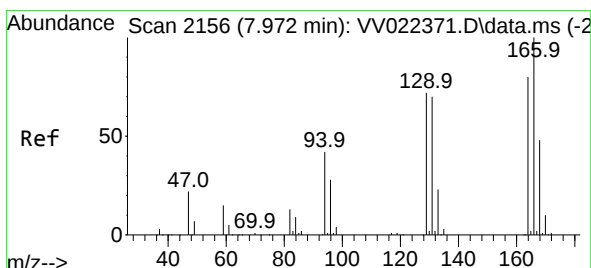
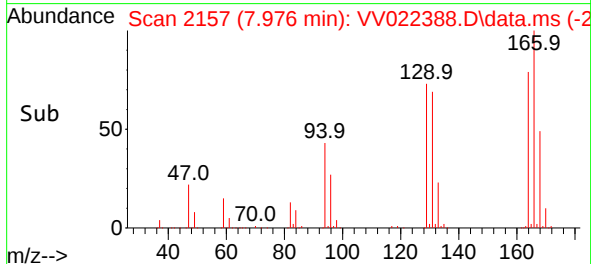
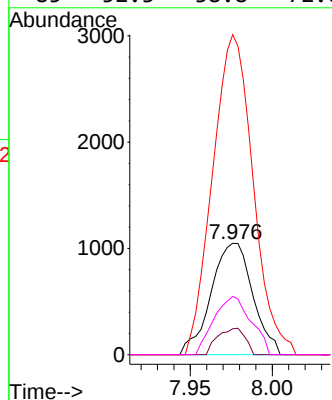
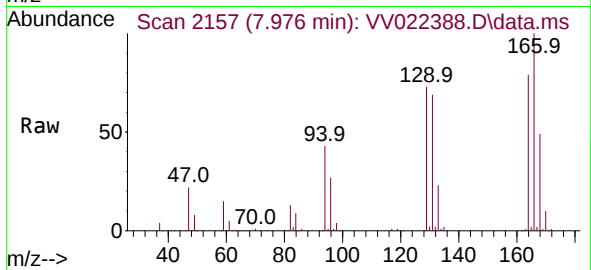


#45

1,1,2-Trichloroethane
Concen: 0.991 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV022388.D
Acq: 29 Sep 2021 19:19

Instrument :
MSVOA_V
ClientSampled :
F4A33

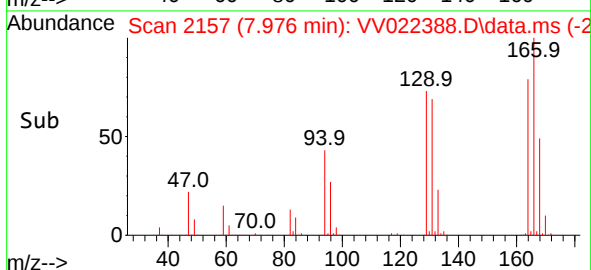
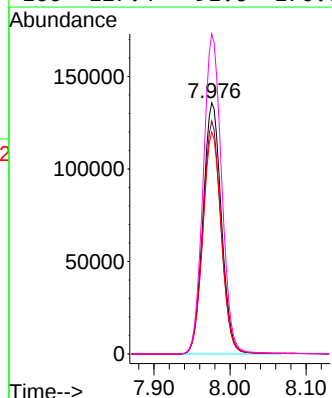
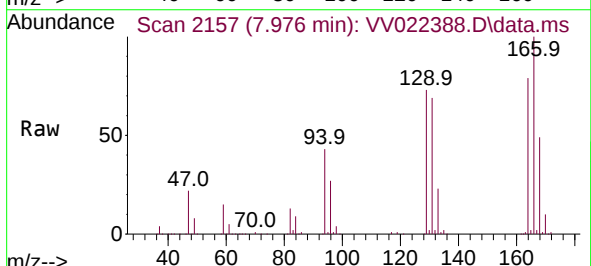
Tgt Ion: 97	Resp: 1851
Ion Ratio	Lower Upper
97 100	
99 23.3	44.6 82.8#
83 287.3	59.8 111.1#
85 52.3	38.8 72.0

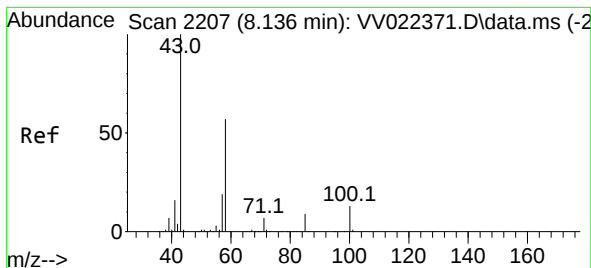


#46

Tetrachloroethene
Concen: 151.010 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022388.D
Acq: 29 Sep 2021 19:19

Tgt Ion: 164	Resp: 228584
Ion Ratio	Lower Upper
164 100	
129 92.7	66.4 123.4
131 88.3	63.6 118.0
166 127.4	91.6 170.0





#48

2-Hexanone

Concen: 5.516 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.048 min

Lab File: VV022388.D

Acq: 29 Sep 2021 19:19

Tgt Ion: 43 Resp: 10814

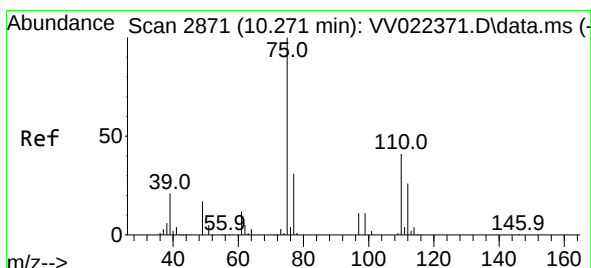
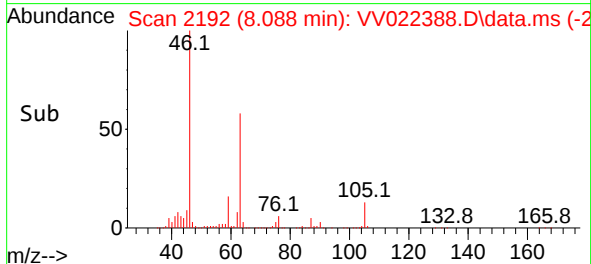
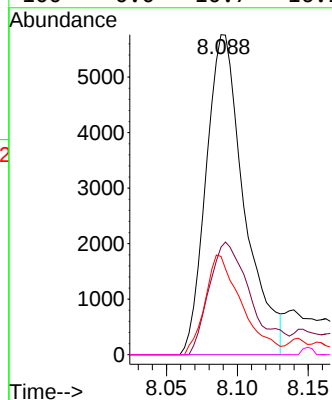
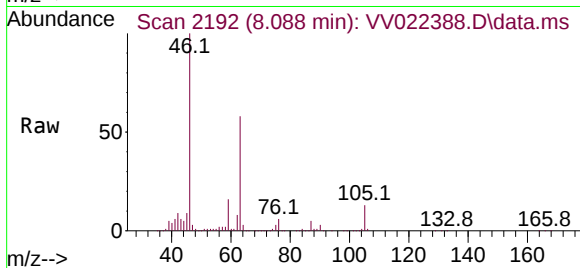
Ion Ratio Lower Upper

43 100

58 36.5 45.4 68.2#

57 29.9 15.0 22.4#

100 0.0 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 6.002 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV022388.D

Acq: 29 Sep 2021 19:19

Tgt Ion: 75 Resp: 11534

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 2.6 32.6 48.8#

