

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022382.D
 Acq On : 29 Sep 2021 16:56
 Operator : SY/MD
 Sample : M3978-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A02

Quant Time: Sep 30 05:29:38 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)

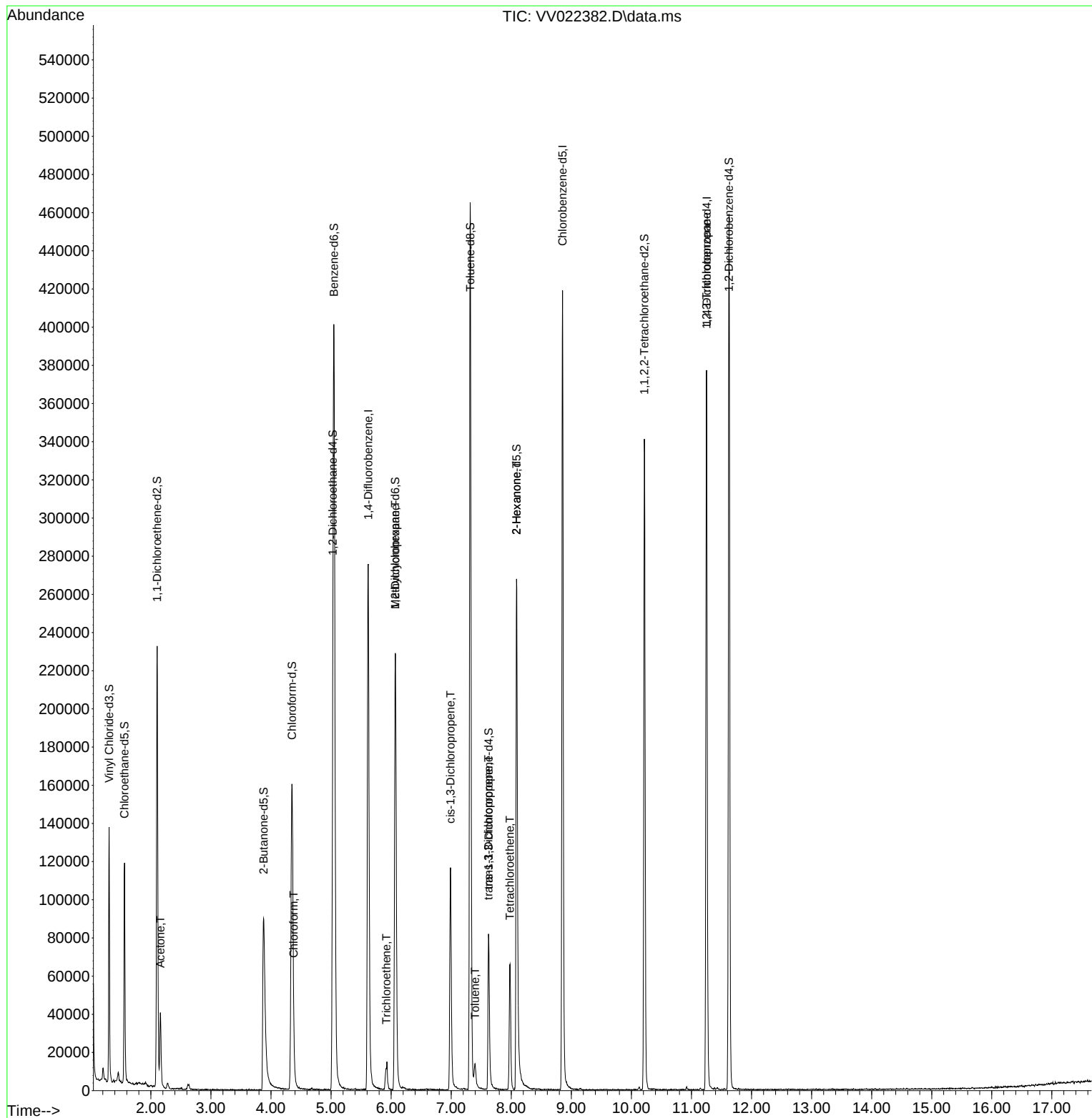
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	248254	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82552	39.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.561	69	73453	44.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.105	63	120461	32.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.780%
21) 2-Butanone-d5	3.876	46	135747	91.298	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.300%
24) Chloroform-d	4.349	84	170005	44.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.030	65	107939	46.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
32) Benzene-d6	5.050	84	349065	46.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	6.069	67	116082	48.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.220%
41) Toluene-d8	7.317	98	310083	44.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	7.622	79	48574	44.091	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.180%
47) 2-Hexanone-d5	8.088	63	87722	89.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161811	46.203	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	122308	52.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	35098	30.076	ug/L	98
25) Chloroform	4.378	83	5083	1.452	ug/L	94
34) Trichloroethene	5.921	95	3139	1.669	ug/L	92
35) Methylcyclohexane	6.069	83	27546	9.504	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	2962	1.072	ug/L #	66
42) Toluene	7.397	91	9738	1.247	ug/L	92
44) trans-1,3-Dichloropropene	7.619	75	1732	0.656	ug/L	85
46) Tetrachloroethene	7.979	164	15592	10.066	ug/L	97
48) 2-Hexanone	8.088	43	10950	5.458	ug/L #	75
61) 1,2,3-Trichloropropane	11.249	75	11332	5.822	ug/L #	64

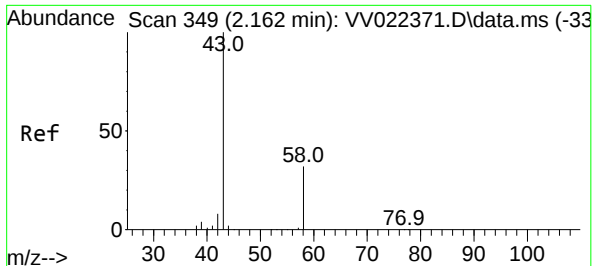
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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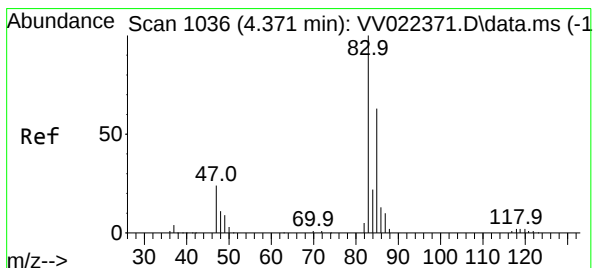
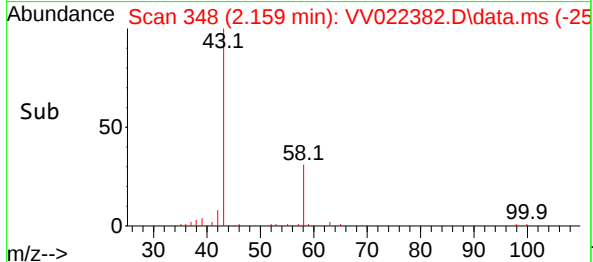
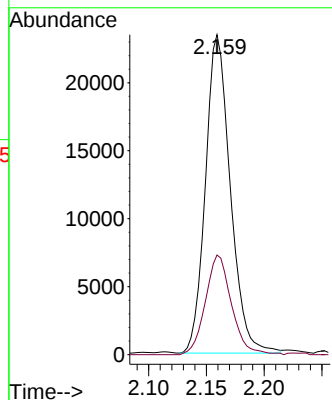
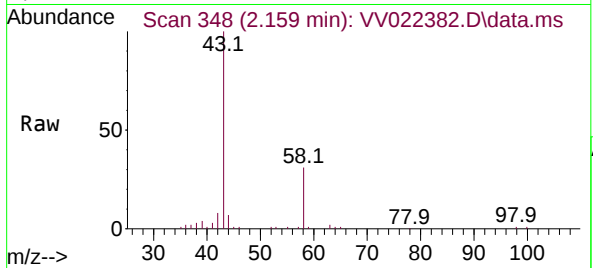




#13
Acetone
Concen: 30.076 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.003 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

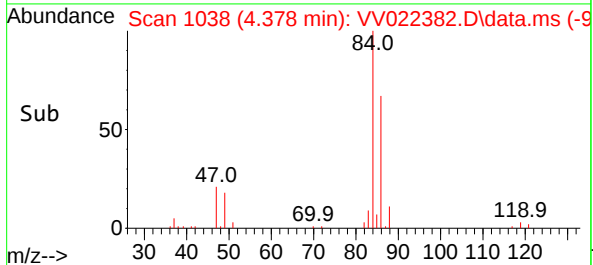
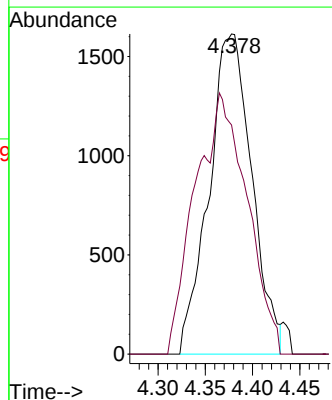
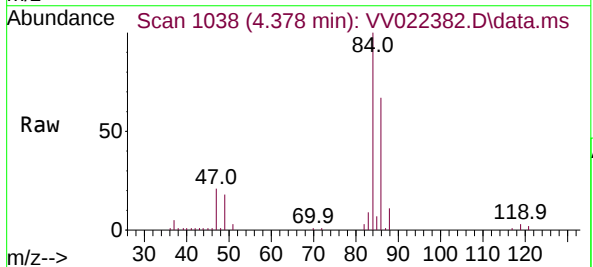
Instrument :
MSVOA_V
ClientSampleId :
F4A02

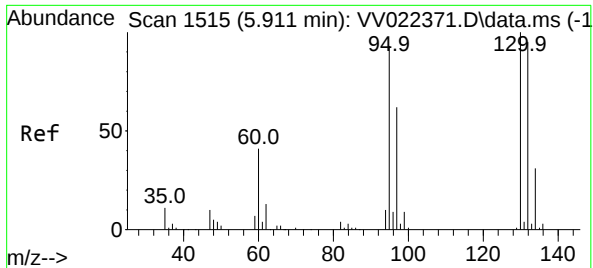
Tgt Ion: 43 Resp: 35098
Ion Ratio Lower Upper
43 100
58 32.6 0.0 67.2



#25
Chloroform
Concen: 1.452 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Tgt Ion: 83 Resp: 5083
Ion Ratio Lower Upper
83 100
85 71.6 46.5 86.3



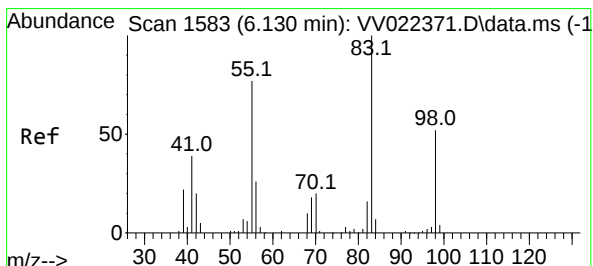
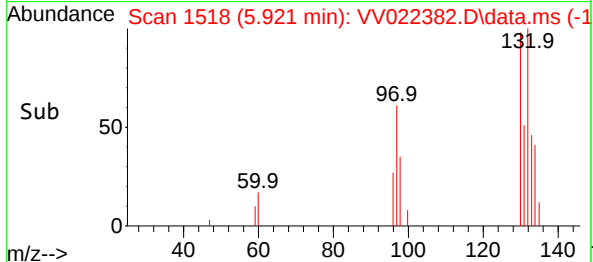
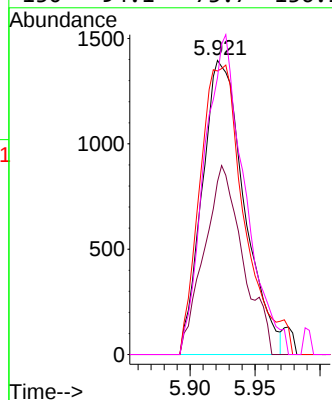
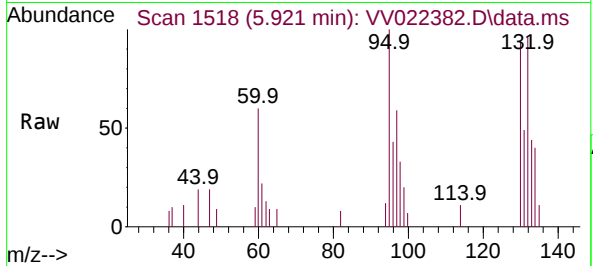


#34
Trichloroethene
Concen: 1.669 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Instrument :
MSVOA_V
ClientSampled :
F4A02

Tgt Ion: 95 Resp: 3139

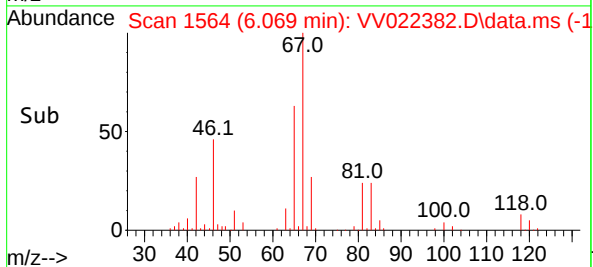
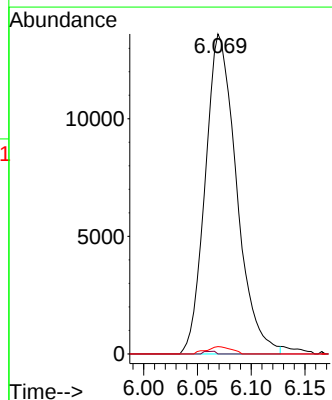
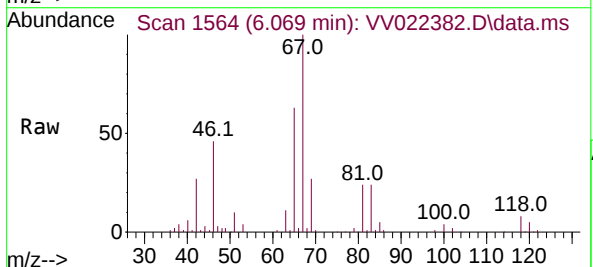
Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.2	84.0
132	96.4	71.0	131.8
130	94.1	73.7	136.9

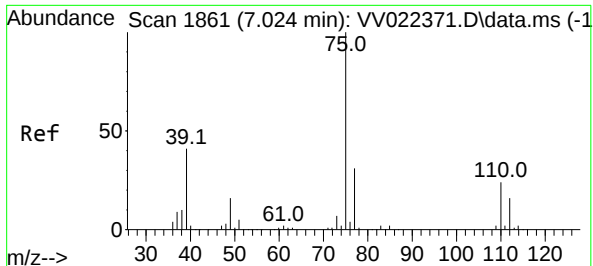


#35
Methylcyclohexane
Concen: 9.504 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Tgt Ion: 83 Resp: 27546

Ion	Ratio	Lower	Upper
83	100		
55	0.2	58.6	87.8#
98	1.8	39.2	58.8#



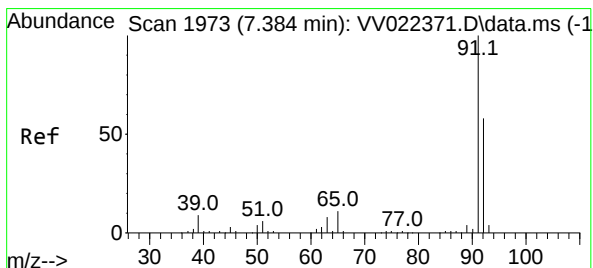
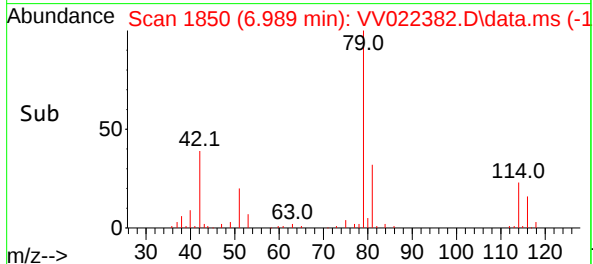
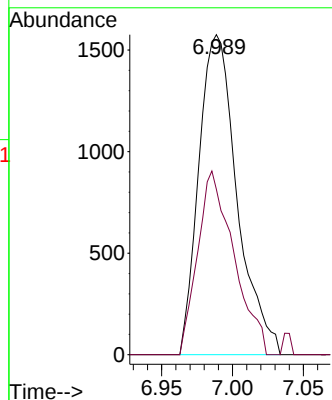
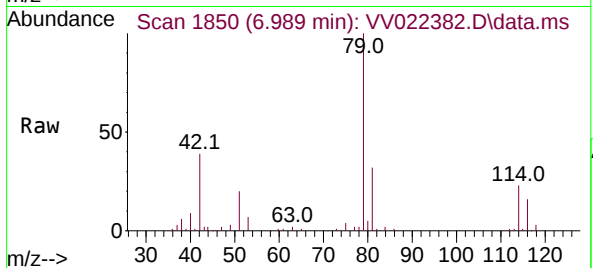


#39

cis-1,3-Dichloropropene
Concen: 1.072 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :
F4A02

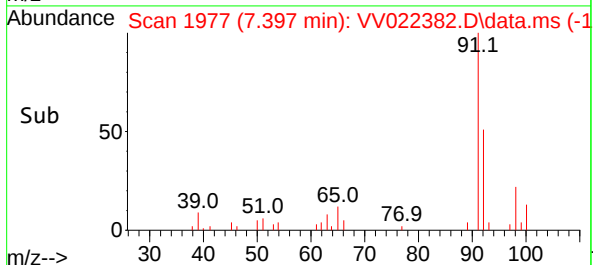
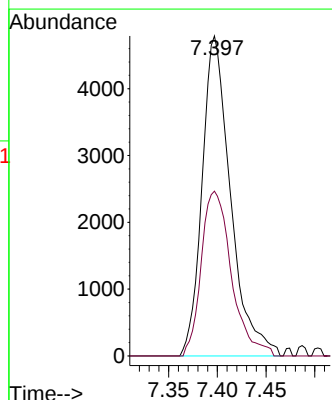
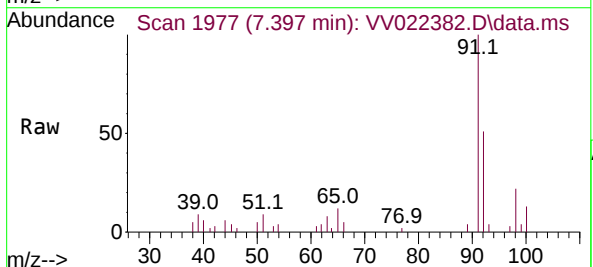
Tgt Ion: 75 Resp: 2962
Ion Ratio Lower Upper
75 100
77 51.7 22.7 42.1#

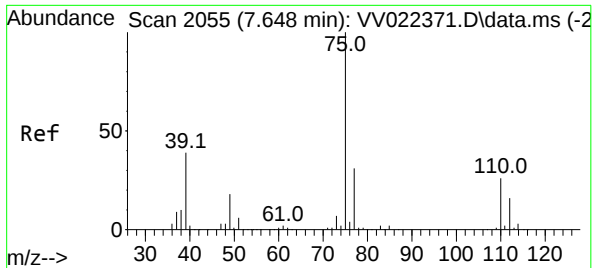


#42

Toluene
Concen: 1.247 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Tgt Ion: 91 Resp: 9738
Ion Ratio Lower Upper
91 100
92 51.5 40.2 74.6

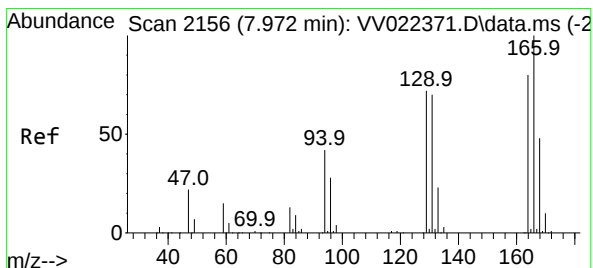
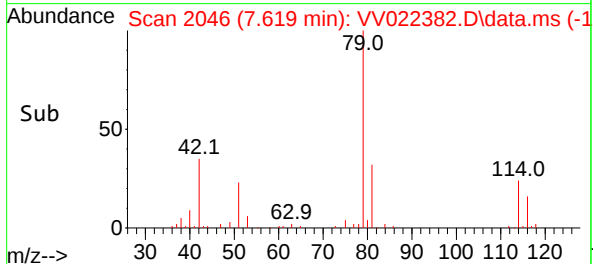
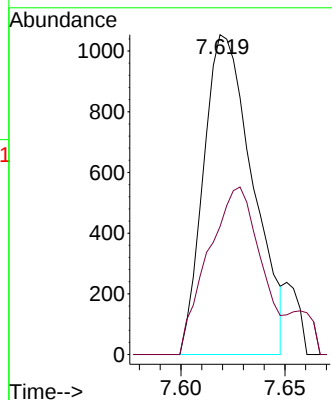
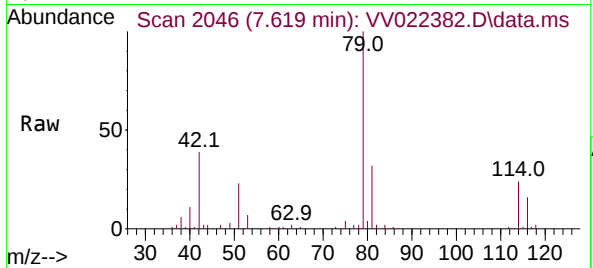




#44
trans-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

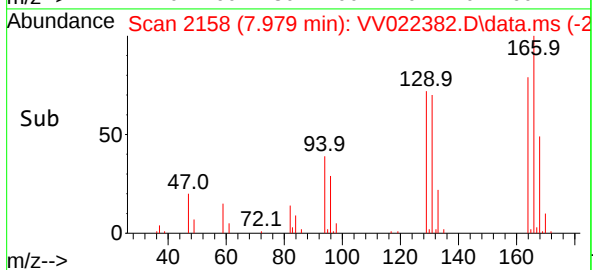
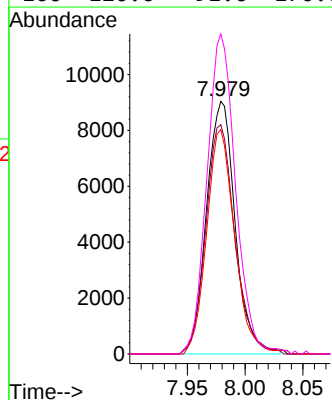
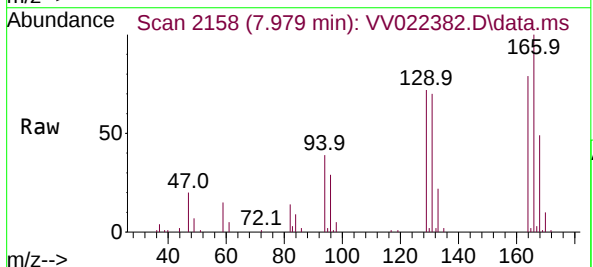
Instrument :
MSVOA_V
ClientSampled :
F4A02

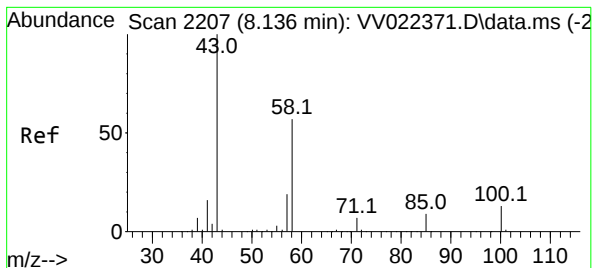
Tgt Ion: 75 Resp: 1732
Ion Ratio Lower Upper
75 100
77 40.0 22.3 41.3



#46
Tetrachloroethene
Concen: 10.066 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022382.D
Acq: 29 Sep 2021 16:56

Tgt Ion: 164 Resp: 15592
Ion Ratio Lower Upper
164 100
129 90.8 66.4 123.4
131 88.8 63.6 118.0
166 126.6 91.6 170.0





#48

2-Hexanone

Concen: 5.458 ug/L

RT: 8.088 min Scan# 2192

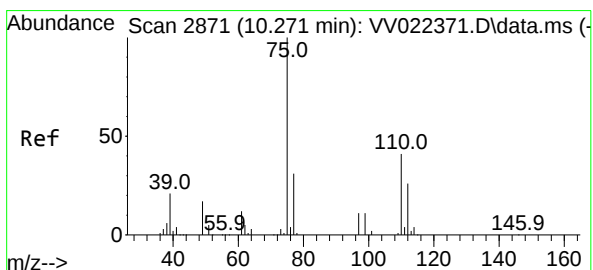
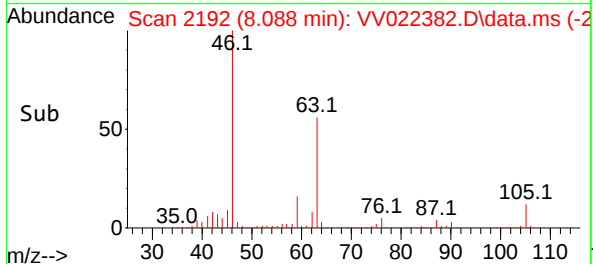
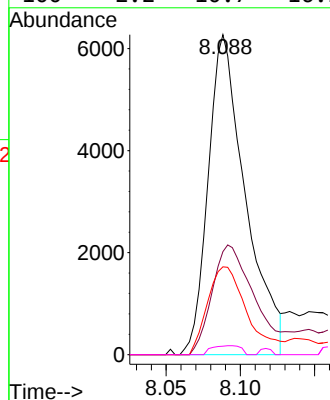
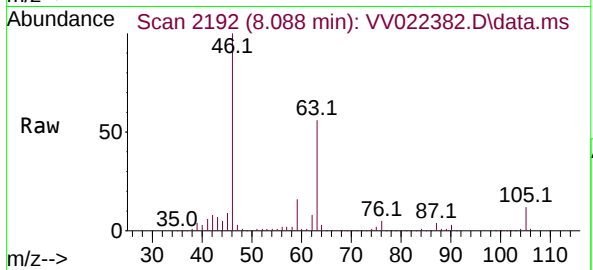
Delta R.T. -0.048 min

Lab File: VV022382.D

Acq: 29 Sep 2021 16:56

Tgt Ion: 43	Resp: 10950
Ion Ratio	Lower Upper
43 100	
58 38.2	45.4 68.2#
57 29.4	15.0 22.4#
100 2.2	10.7 16.1#

Instrument :
MSVOA_V
ClientSampled :
F4A02



#61

1,2,3-Trichloropropane

Concen: 5.822 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV022382.D

Acq: 29 Sep 2021 16:56

Tgt Ion: 75	Resp: 11332
Ion Ratio	Lower Upper
75 100	
77 33.7	25.4 38.0
110 2.4	32.6 48.8#

