

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022522.D
 Acq On : 02 Oct 2021 19:41
 Operator : SY/MD
 Sample : M4023-03DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

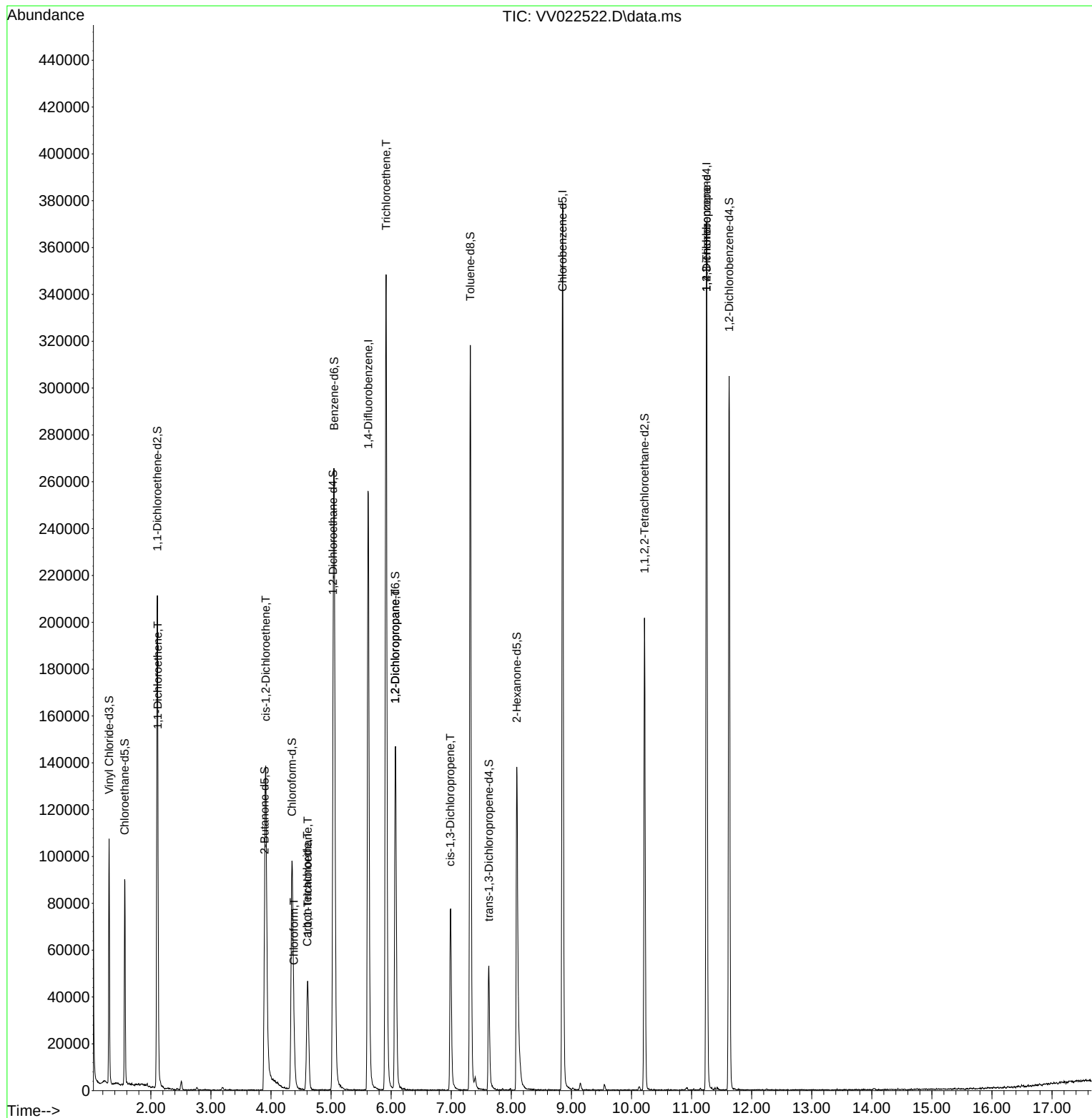
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	226844	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214305	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99917	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63306	45.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.240%
7) Chloroethane-d5	1.564	69	52213	47.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.700%
11) 1,1-Dichloroethene-d2	2.108	63	102425	37.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.060%
21) 2-Butanone-d5	3.892	46	67881	87.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.900%
24) Chloroform-d	4.349	84	98129	38.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.560%
26) 1,2-Dichloroethane-d4	5.034	65	72622	48.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.050	84	237267	47.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
36) 1,2-Dichloropropane-d6	6.069	67	72522	47.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.900%
41) Toluene-d8	7.317	98	209775	46.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	7.625	79	31300	43.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.560%
47) 2-Hexanone-d5	8.091	63	53258	84.117	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	92001	43.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.580%
66) 1,2-Dichlorobenzene-d4	11.625	152	82084	50.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	14047	8.865	ug/L #	1
20) cis-1,2-Dichloroethene	3.912	96	69389	37.444	ug/L	100
25) Chloroform	4.381	83	18276	5.901	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	38301	14.307	ug/L	100
31) Carbon tetrachloride	4.603	117	2147	0.913	ug/L #	1
34) Trichloroethene	5.915	95	118443	68.555	ug/L	99
37) 1,2-Dichloropropane	6.069	63	7938	4.685	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2193	0.861	ug/L #	59
61) 1,2,3-Trichloropropane	11.249	75	10765	5.665	ug/L #	62

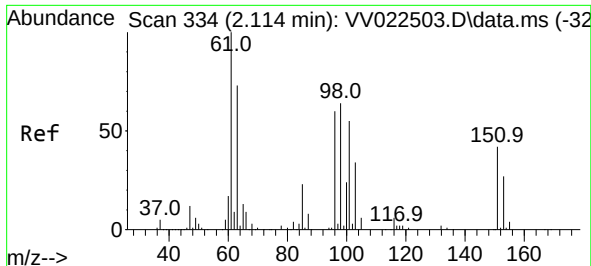
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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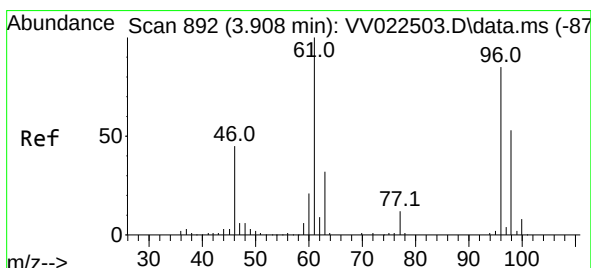
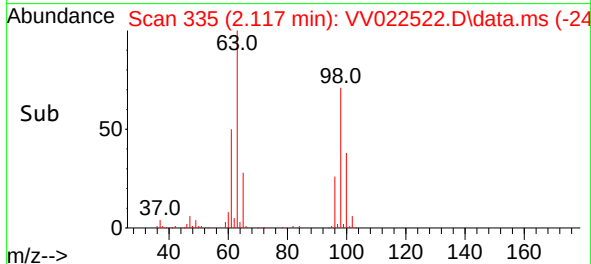
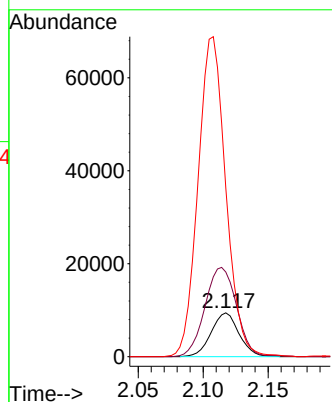
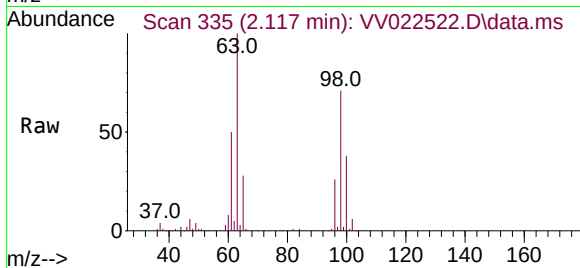




#12
1,1-Dichloroethene
Concen: 8.865 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

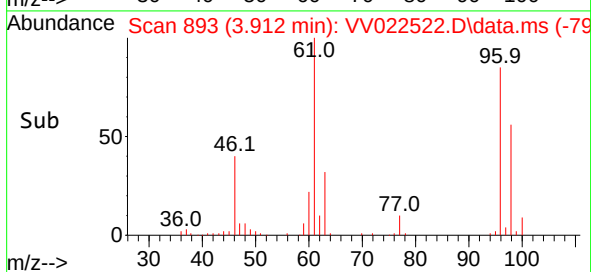
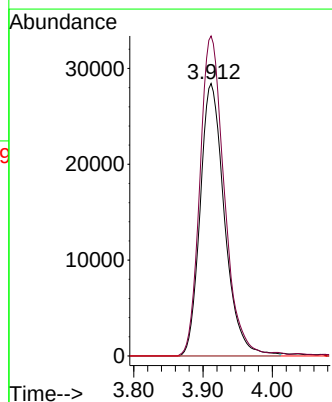
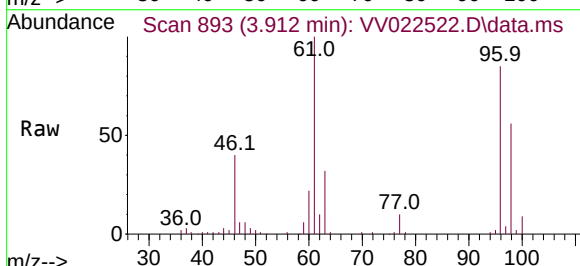
Instrument :
MSVOA_V
ClientSampled :

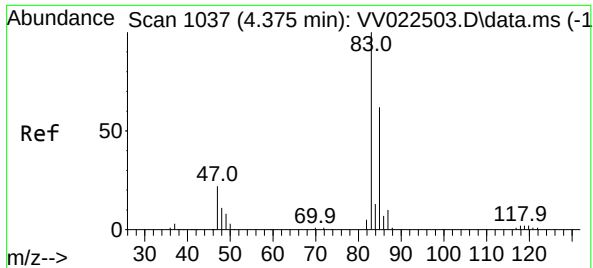
Tgt Ion: 96 Resp: 14047
Ion Ratio Lower Upper
96 100
61 192.9 118.0 219.2
63 384.9 86.4 160.4#



#20
cis-1,2-Dichloroethene
Concen: 37.444 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

Tgt Ion: 96 Resp: 69389
Ion Ratio Lower Upper
96 100
61 117.4 81.9 152.1
68 0.0 0.0 0.0

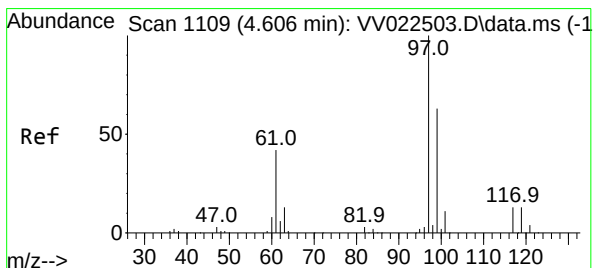
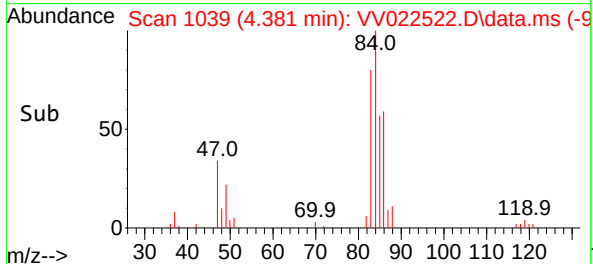
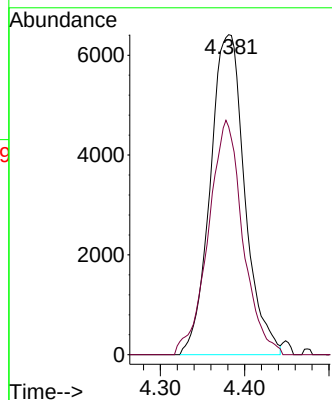
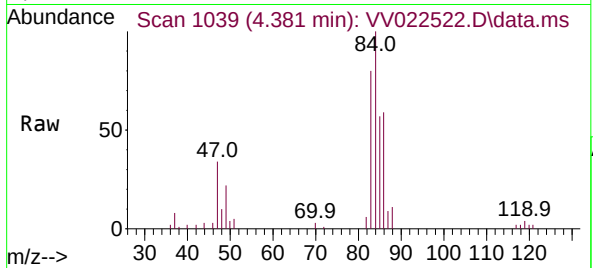




#25
Chloroform
Concen: 5.901 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

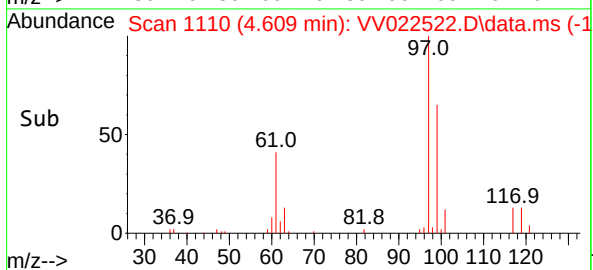
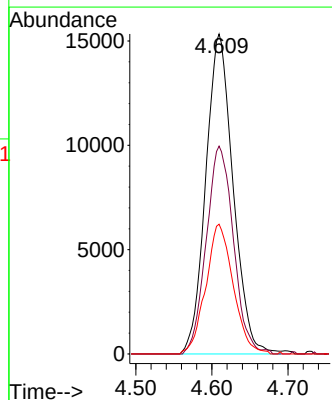
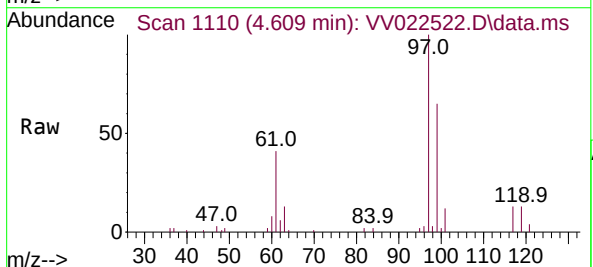
Instrument :
MSVOA_V
ClientSampled :

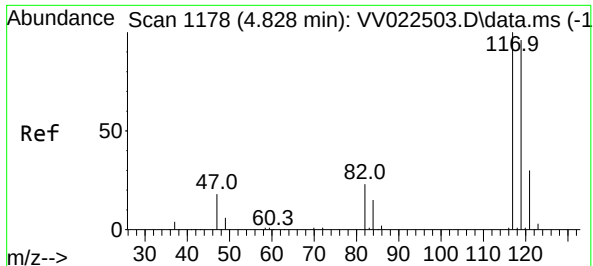
Tgt Ion: 83 Resp: 18276
Ion Ratio Lower Upper
83 100
85 71.2 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 14.307 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

Tgt Ion: 97 Resp: 38301
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 40.7 32.9 49.3

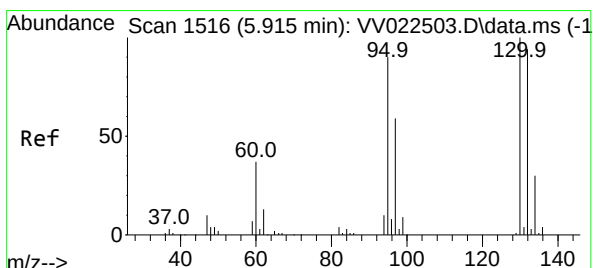
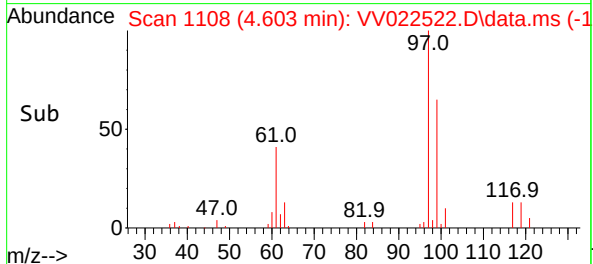
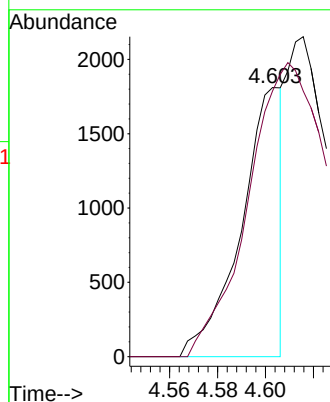
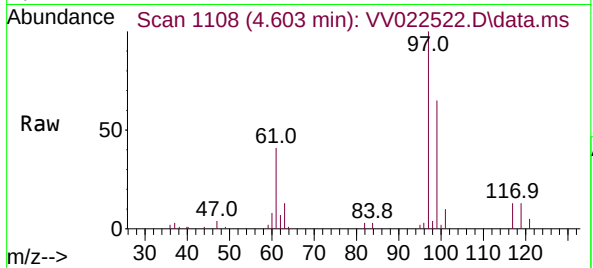




#31
Carbon tetrachloride
Concen: 0.913 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.225 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

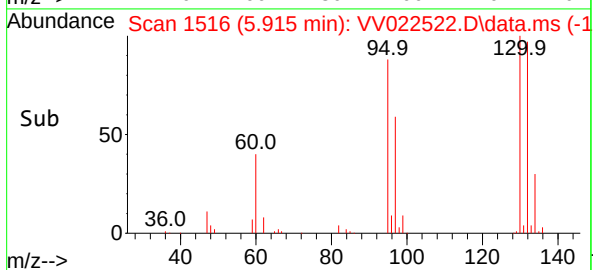
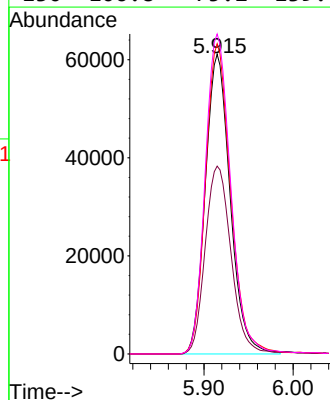
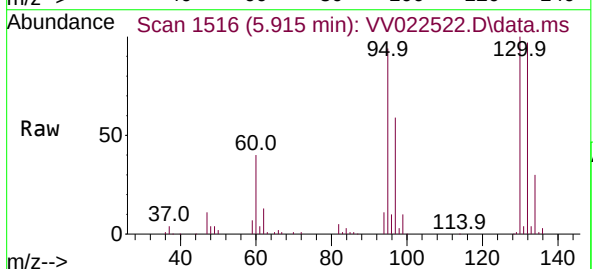
Instrument :
MSVOA_V
ClientSampleId :

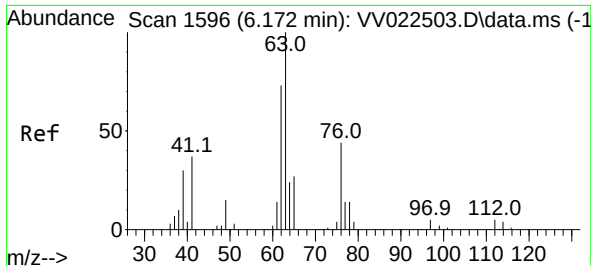
Tgt Ion:117 Resp: 2147
Ion Ratio Lower Upper
117 100
119 229.3 78.3 117.5#



#34
Trichloroethene
Concen: 68.555 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

Tgt Ion: 95 Resp: 118443
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.4
132 103.5 71.5 132.9
130 106.8 75.2 139.6



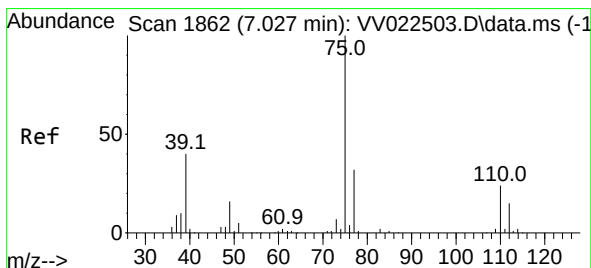
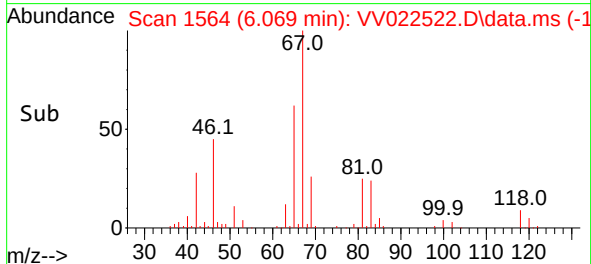
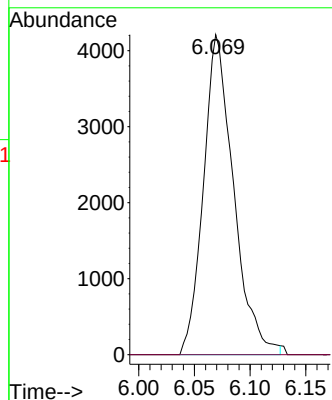
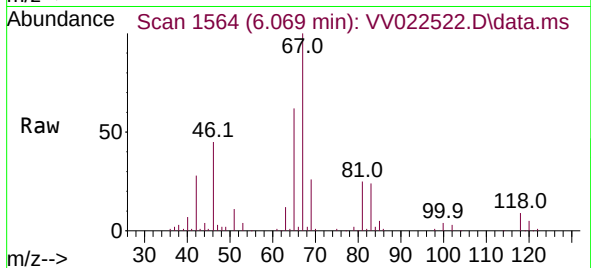


#37

1,2-Dichloropropane
Concen: 4.685 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

Instrument :
MSVOA_V
ClientSampled :

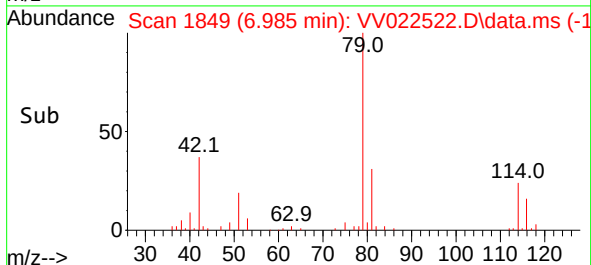
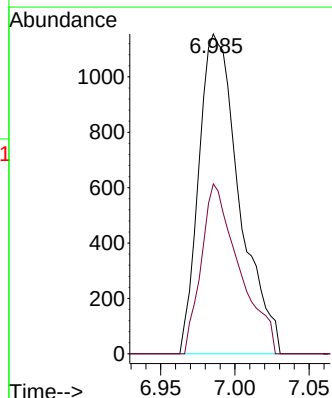
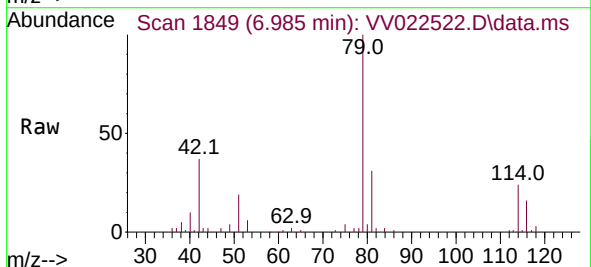
Tgt Ion: 63 Resp: 7938
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

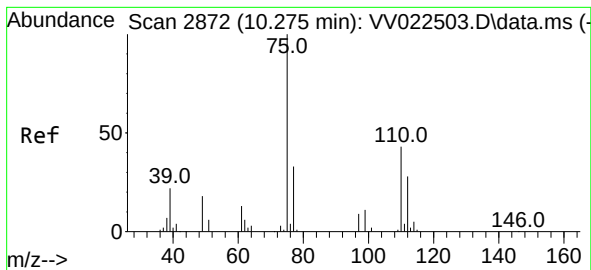


#39

cis-1,3-Dichloropropene
Concen: 0.861 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022522.D
Acq: 02 Oct 2021 19:41

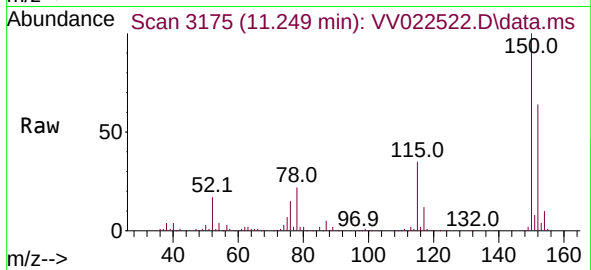
Tgt Ion: 75 Resp: 2193
Ion Ratio Lower Upper
75 100
77 53.2 21.6 40.2#





#61
 1,2,3-Trichloropropane
 Concen: 5.665 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022522.D
 Acq: 02 Oct 2021 19:41

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	10765
Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.0	39.0
110	2.5	34.3	51.5#

