

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022521.D
 Acq On : 02 Oct 2021 19:17
 Operator : SY/MD
 Sample : M4023-10DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

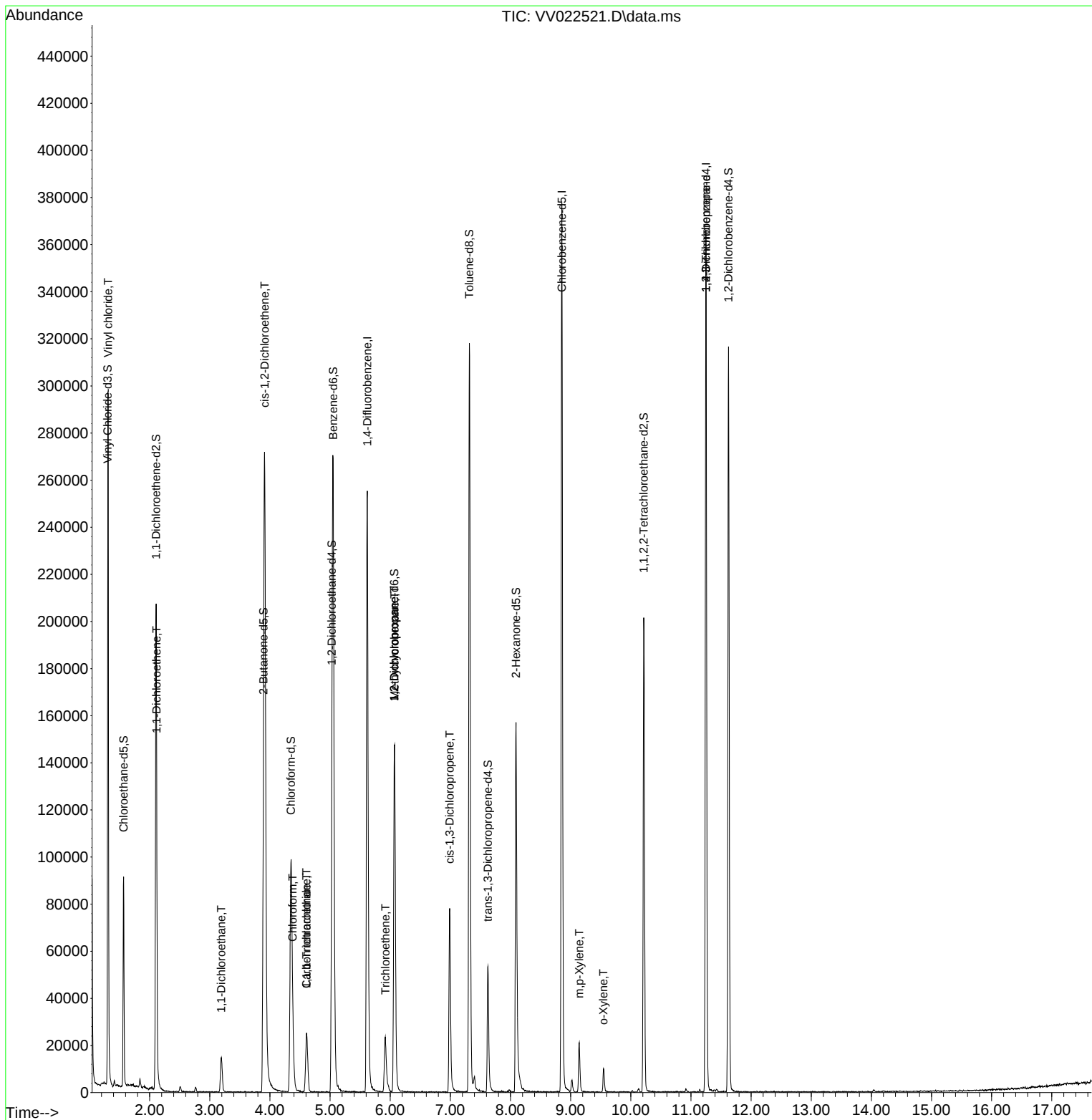
Quant Time: Oct 04 02:02:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

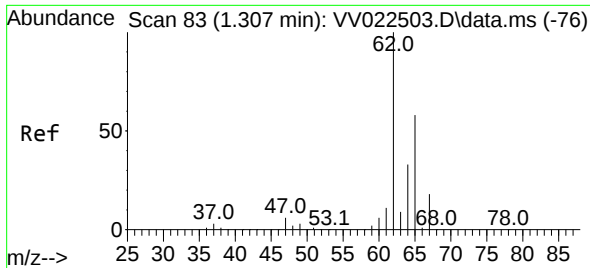
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	225102	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	211655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64822	46.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.120%
7) Chloroethane-d5	1.568	69	52053	47.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.108	63	101654	37.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.060%
21) 2-Butanone-d5	3.892	46	86596	113.003	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.000%
24) Chloroform-d	4.352	84	97462	38.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.640%
26) 1,2-Dichloroethane-d4	5.030	65	71306	48.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.053	84	237762	48.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	6.069	67	73225	48.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.020%
41) Toluene-d8	7.317	98	211128	46.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	7.625	79	31660	44.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.660%
47) 2-Hexanone-d5	8.091	63	53962	86.296	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	92125	43.890	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.780%
66) 1,2-Dichlorobenzene-d4	11.625	152	82813	52.148	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.300%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	128014	60.328	ug/L	98
12) 1,1-Dichloroethene	2.117	96	10710	6.811	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	15137	4.956	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	142815	77.663	ug/L	98
25) Chloroform	4.378	83	20181	6.566	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	20234	7.653	ug/L	98
31) Carbon tetrachloride	4.609	117	2654	1.143	ug/L	99
34) Trichloroethene	5.921	95	6898	4.043	ug/L	97
35) Methylcyclohexane	6.072	83	18106	6.998	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	8103	4.843	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1995	0.793	ug/L #	80
53) m,p-Xylene	9.143	106	6196	2.183	ug/L	98
54) o-Xylene	9.545	106	2913	1.053	ug/L	80
61) 1,2,3-Trichloropropane	11.249	75	10313	5.569	ug/L #	62

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

Quant Time: Oct 04 02:02:14 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

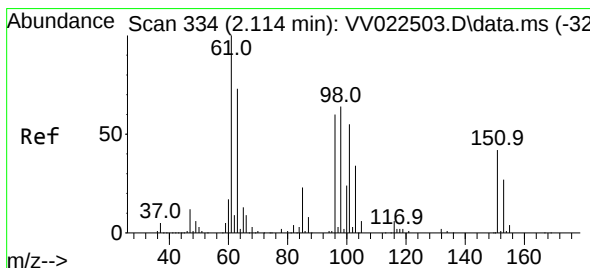
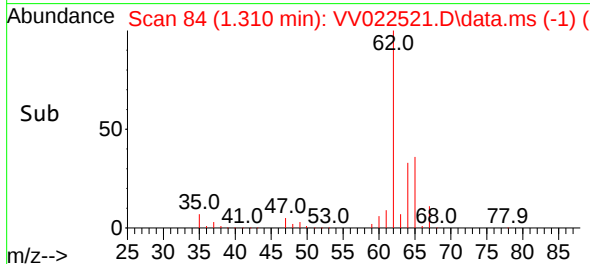
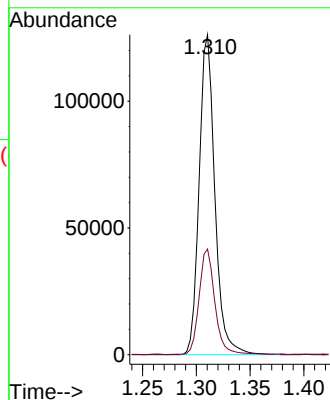
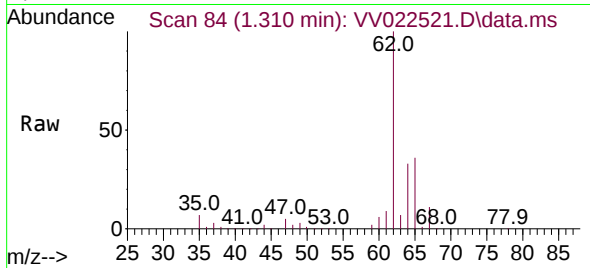




#5
 Vinyl chloride
 Concen: 60.328 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022521.D
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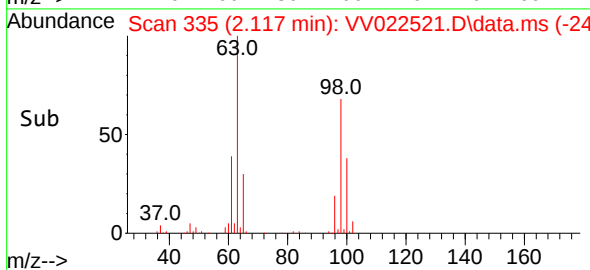
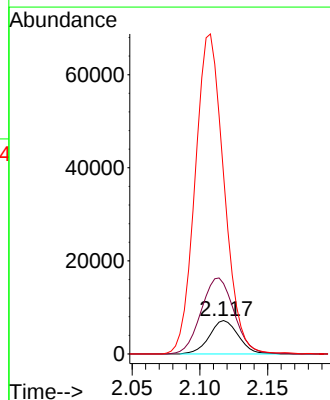
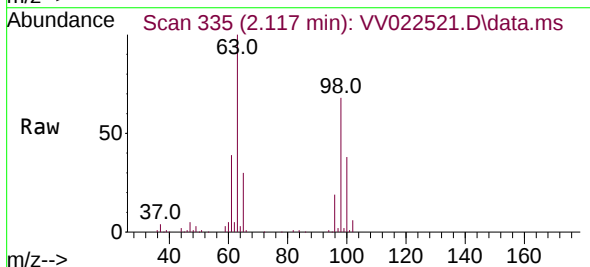
Instrument :
 MSVOA_V
 ClientSampled :

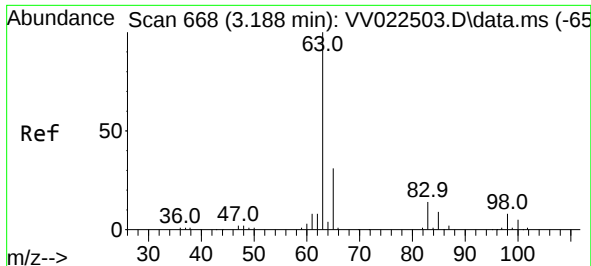
Tgt Ion: 62 Resp: 128014
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 6.811 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV022521.D
 Acq: 02 Oct 2021 19:17

Tgt Ion: 96 Resp: 10710
 Ion Ratio Lower Upper
 96 100
 61 210.4 118.0 219.2
 63 535.9 86.4 160.4#





#19

1,1-Dichloroethane

Concen: 4.956 ug/L

RT: 3.191 min Scan# 669

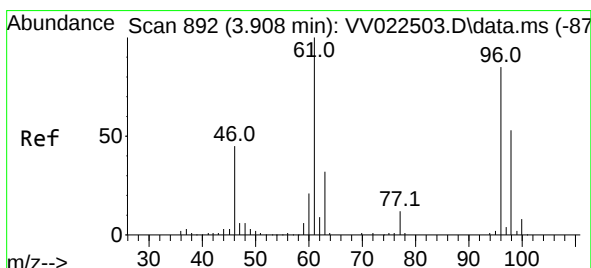
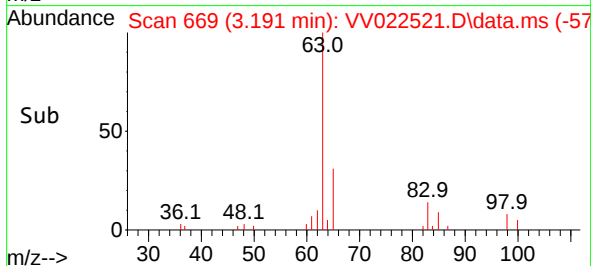
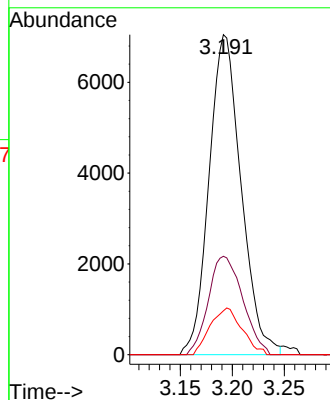
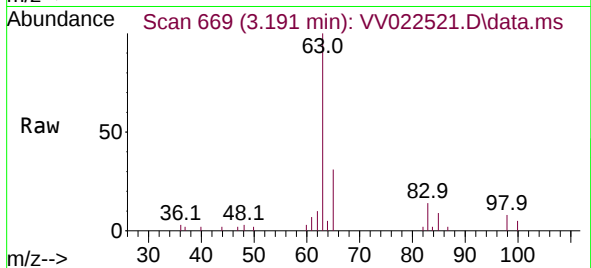
Delta R.T. 0.003 min

Lab File: VV022521.D

Acq: 02 Oct 2021 19:17

Tgt Ion: 63	Resp: 15137
Ion Ratio	Lower Upper
63 100	
65 30.8	22.9 42.5
83 13.7	9.4 17.4

Instrument :
MSVOA_V
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 77.663 ug/L

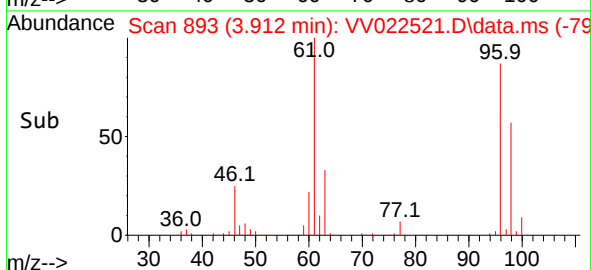
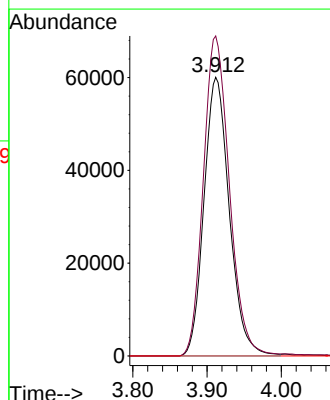
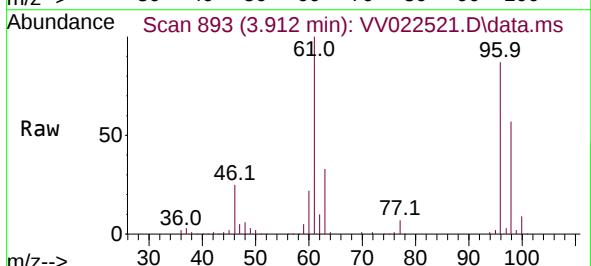
RT: 3.912 min Scan# 893

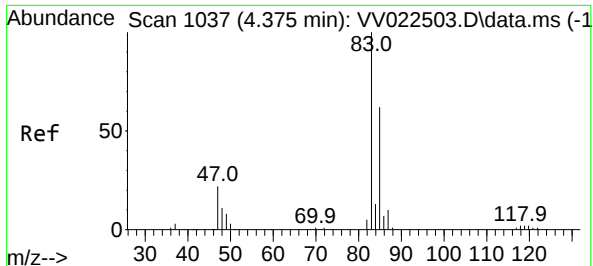
Delta R.T. 0.003 min

Lab File: VV022521.D

Acq: 02 Oct 2021 19:17

Tgt Ion: 96	Resp: 142815
Ion Ratio	Lower Upper
96 100	
61 114.8	81.9 152.1
68 0.0	0.0 0.0

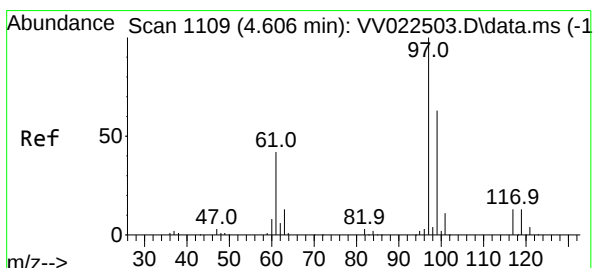
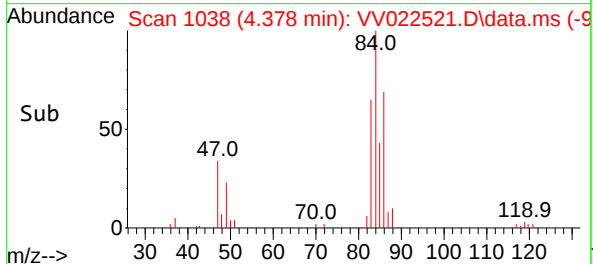
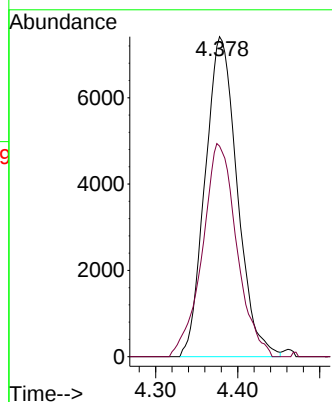
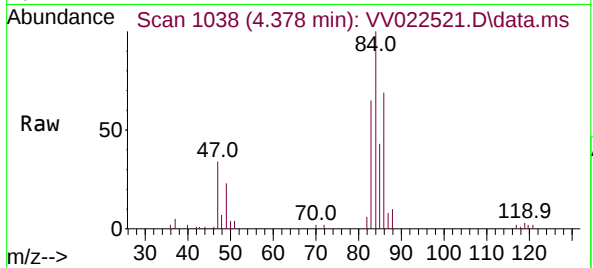




#25
Chloroform
Concen: 6.566 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

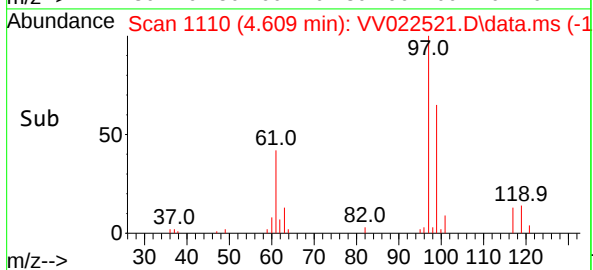
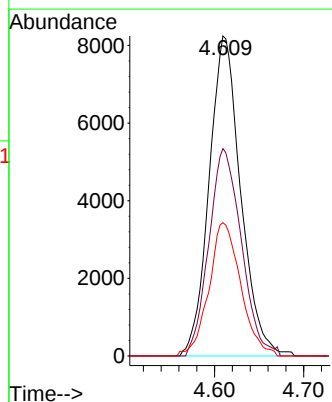
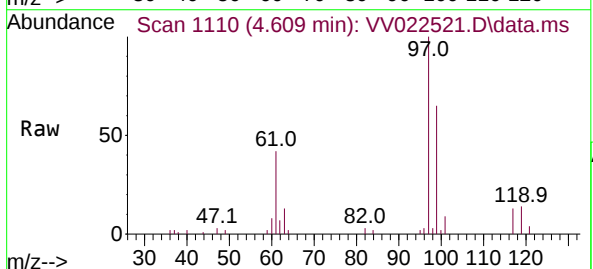
Instrument :
MSVOA_V
ClientSampled :

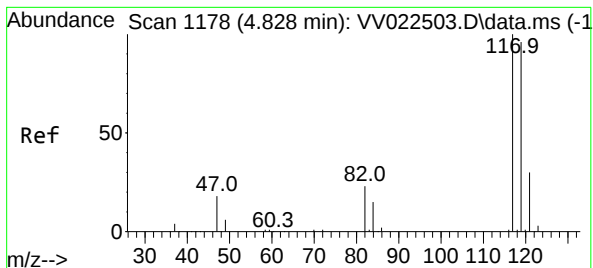
Tgt Ion: 83 Resp: 20181
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 7.653 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

Tgt Ion: 97 Resp: 20234
Ion Ratio Lower Upper
97 100
99 66.7 51.7 77.5
61 41.9 32.9 49.3





#31

Carbon tetrachloride

Concen: 1.143 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.219 min

Lab File: VV022521.D

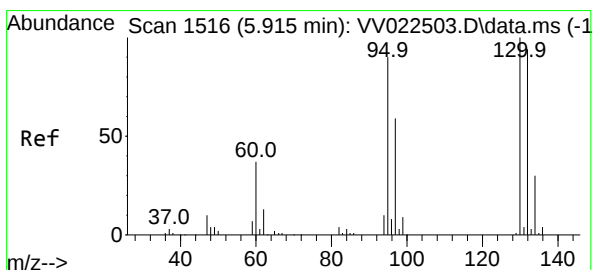
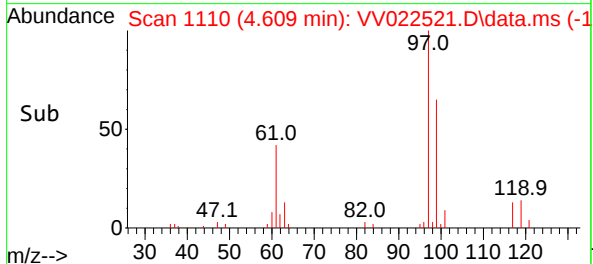
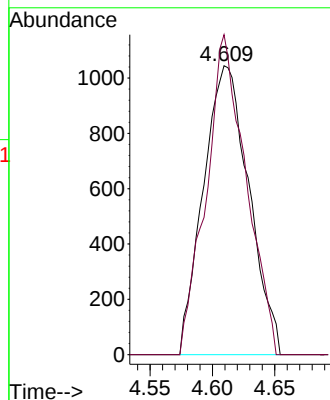
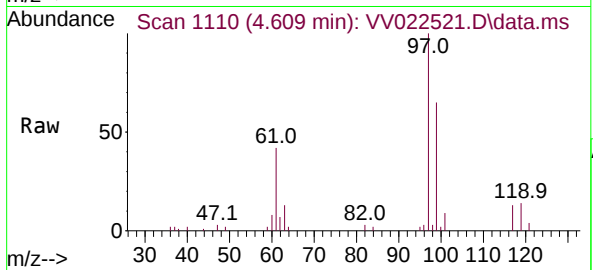
Acq: 02 Oct 2021 19:17

Tgt Ion: 117 Resp: 2654

Ion Ratio Lower Upper

117 100

119 96.8 78.3 117.5



#34

Trichloroethene

Concen: 4.043 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022521.D

Acq: 02 Oct 2021 19:17

Tgt Ion: 95 Resp: 6898

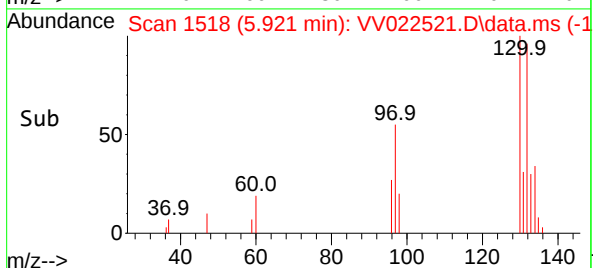
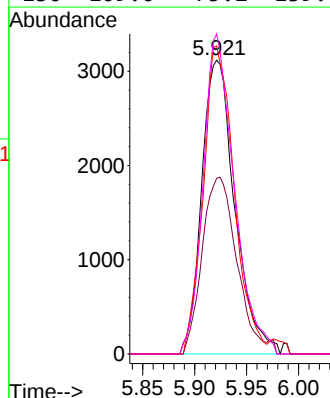
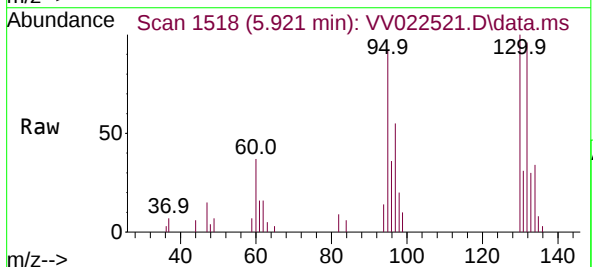
Ion Ratio Lower Upper

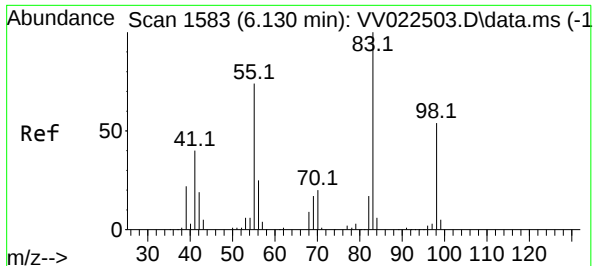
95 100

97 59.8 45.4 84.4

132 104.9 71.5 132.9

130 109.0 75.2 139.6





#35

Methylcyclohexane

Concen: 6.998 ug/L

RT: 6.072 min Scan# 1565

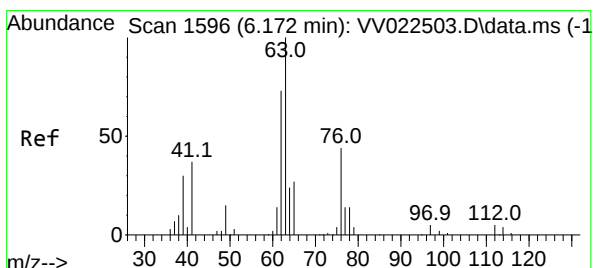
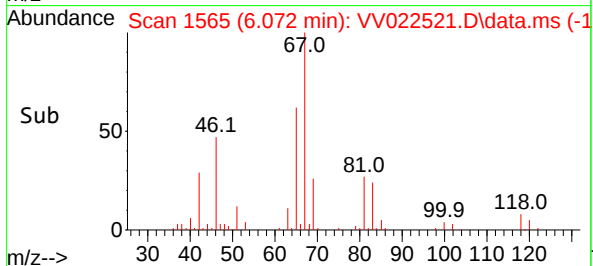
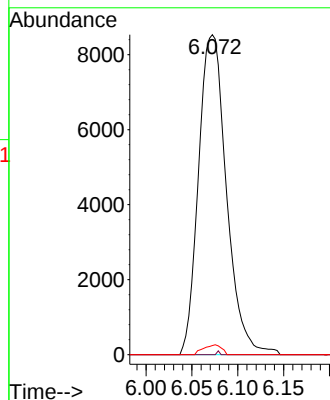
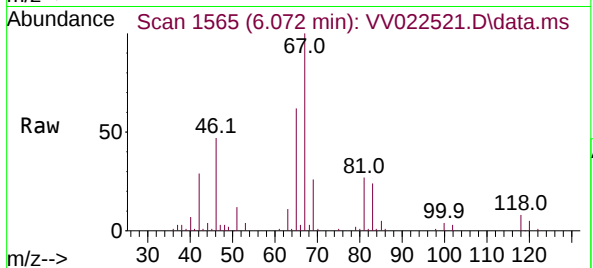
Delta R.T. -0.058 min

Lab File: VV022521.D

Acq: 02 Oct 2021 19:17

Tgt Ion:	83	Resp:	18106
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.7	85.1#
98	2.0	40.6	60.8#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 4.843 ug/L

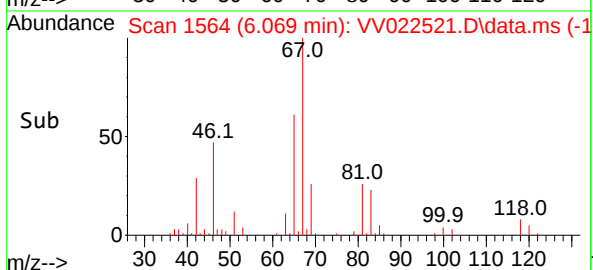
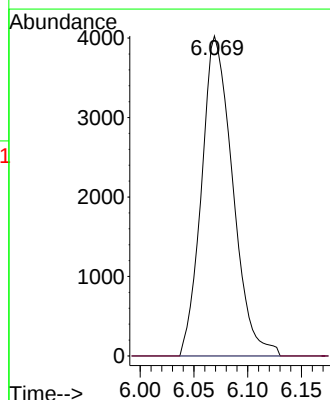
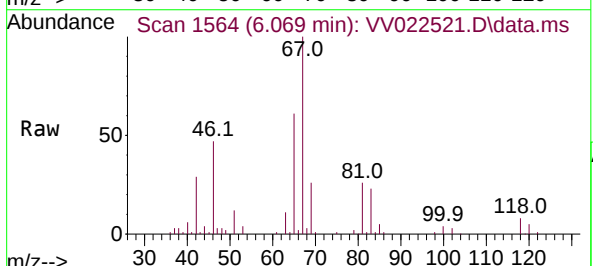
RT: 6.069 min Scan# 1564

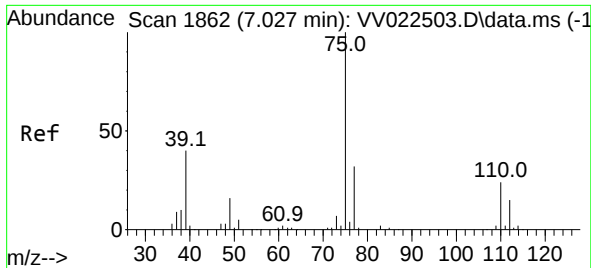
Delta R.T. -0.103 min

Lab File: VV022521.D

Acq: 02 Oct 2021 19:17

Tgt Ion:	63	Resp:	8103
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

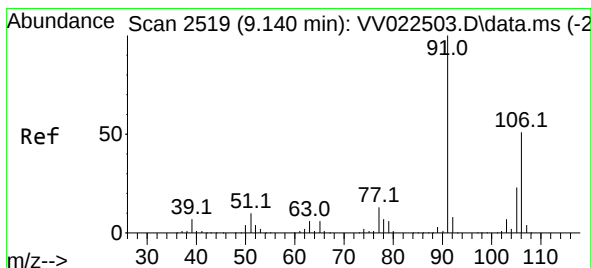
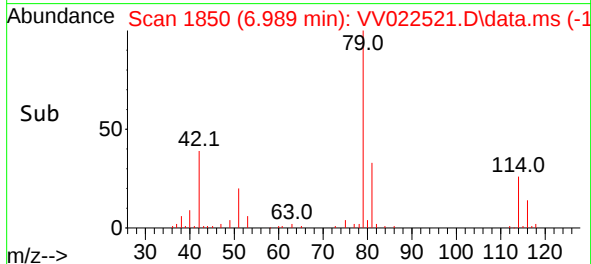
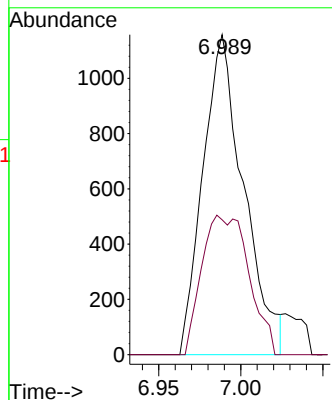
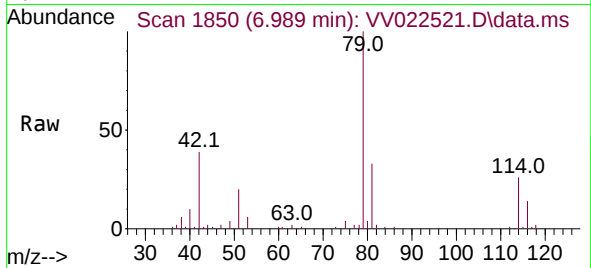




#39
cis-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

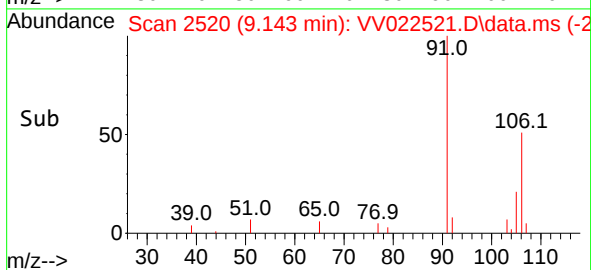
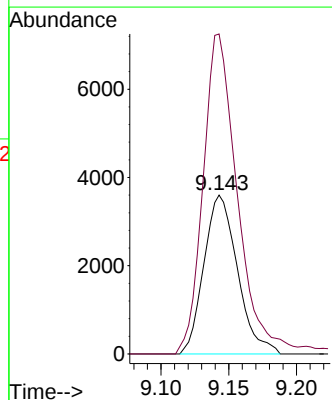
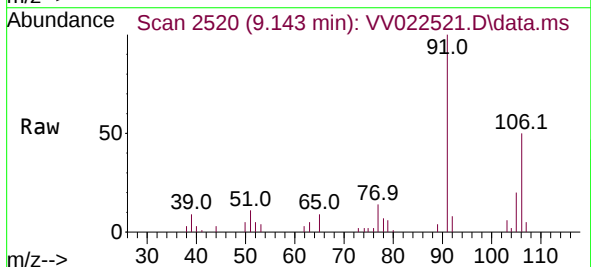
Instrument :
MSVOA_V
ClientSampled :

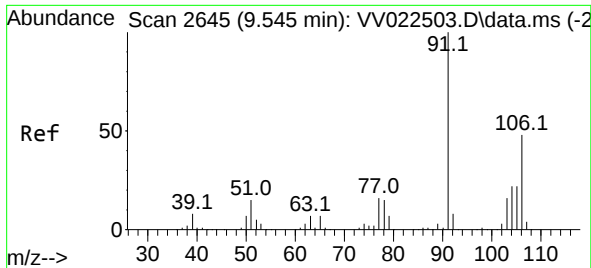
Tgt Ion: 75 Resp: 1995
Ion Ratio Lower Upper
75 100
77 42.1 21.6 40.2#



#53
m,p-Xylene
Concen: 2.183 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

Tgt Ion: 106 Resp: 6196
Ion Ratio Lower Upper
106 100
91 201.4 139.4 258.8

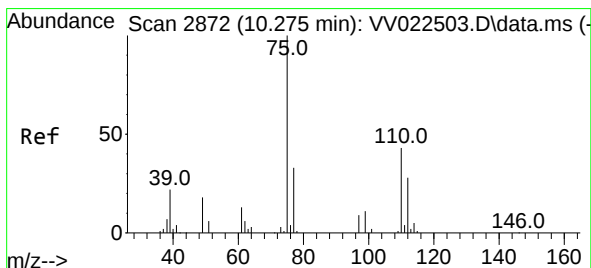
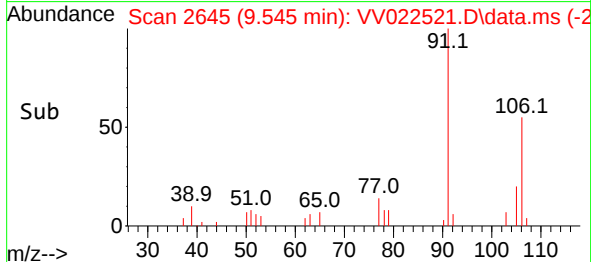
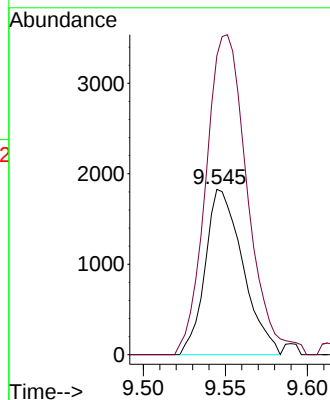
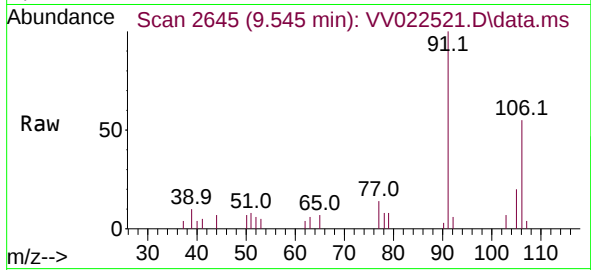




#54
o-Xylene
Concen: 1.053 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:106 Resp: 2913
Ion Ratio Lower Upper
106 100
91 180.8 148.7 276.1



#61
1,2,3-Trichloropropane
Concen: 5.569 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

Tgt Ion: 75 Resp: 10313
Ion Ratio Lower Upper
75 100
77 34.6 26.0 39.0
110 2.1 34.3 51.5#

