

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022521.D
 Acq On : 02 Oct 2021 19:17
 Operator : SY/MD
 Sample : M4023-01DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6DL

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)

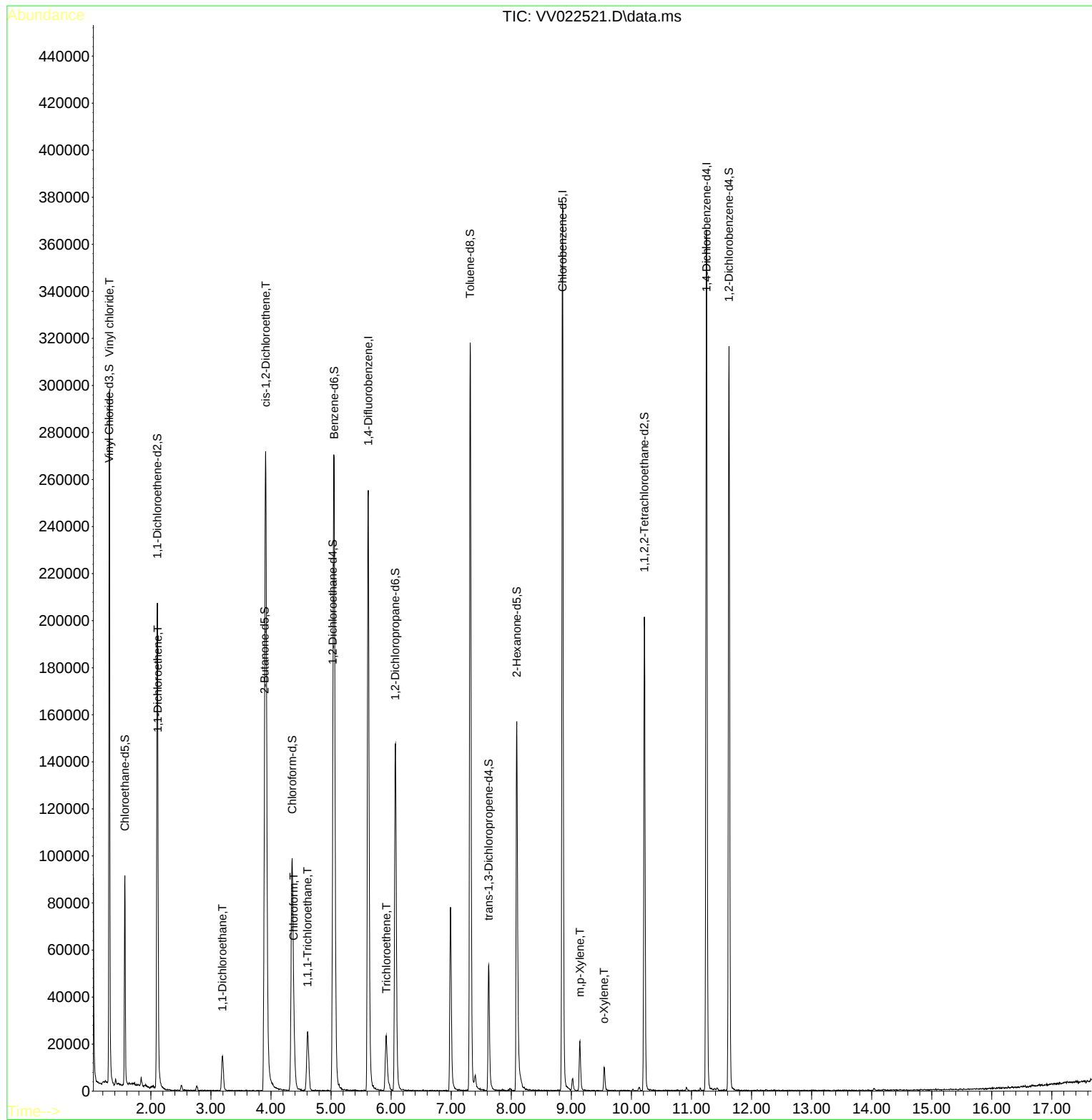
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	225102	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	211655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64822	46.562	ug/L	0.00
Spiked Amount	50.000	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
34) Trichloroethene	5.921	95	6898	4.043	ug/L	97
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

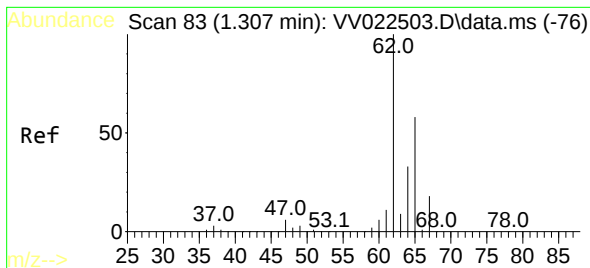
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022521.D
Acq On : 02 Oct 2021 19:17
Operator : SY/MD
Sample : M4023-01DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH6DL

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

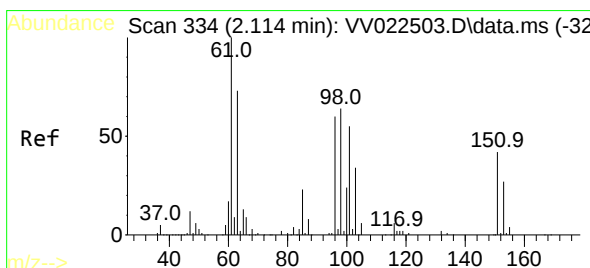
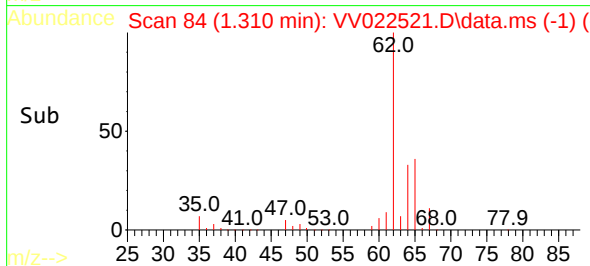
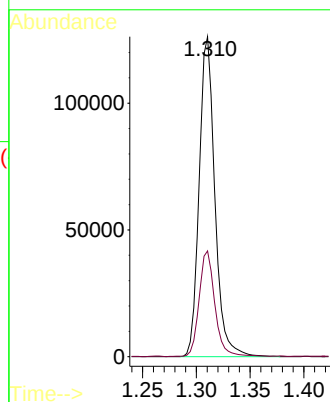
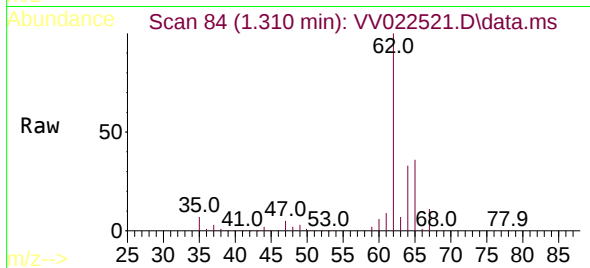
Acq: 02 Oct 2021 19:17

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

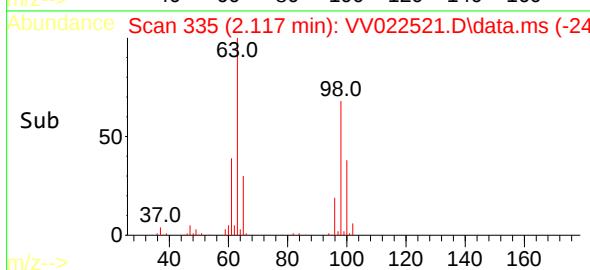
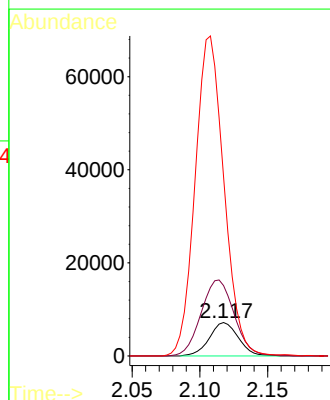
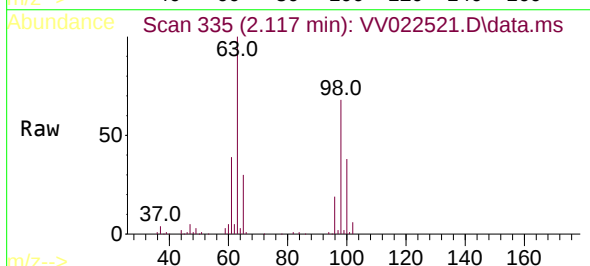
Tgt Ion: 96 Resp: 10710

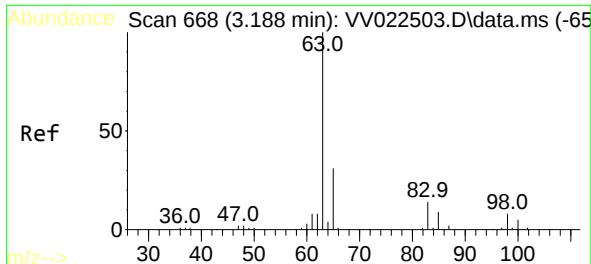
Ion Ratio Lower Upper

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

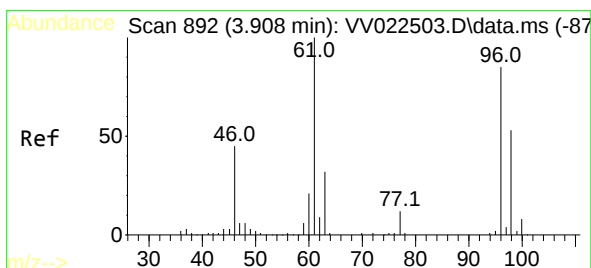
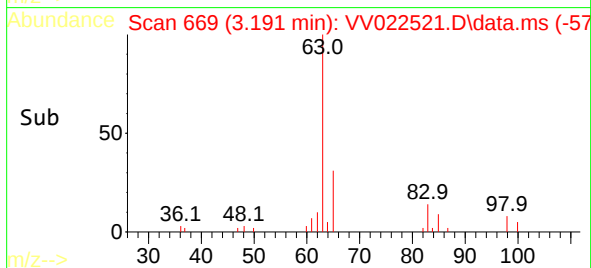
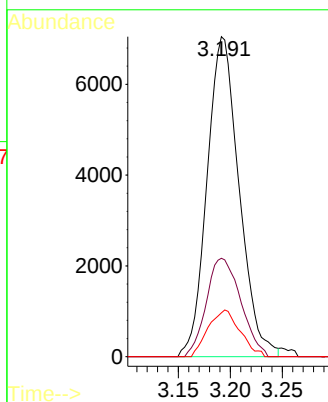
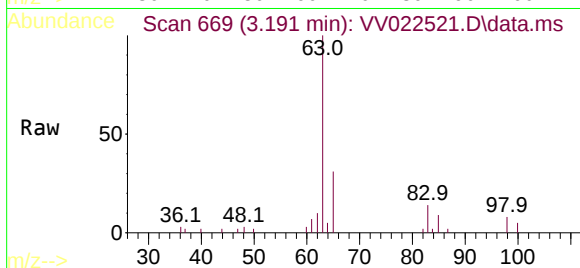
Tgt Ion:	63	Resp:	15137
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.9	42.5
83	13.7	9.4	17.4

Instrument :

MSVOA_V

ClientSampleId :

C0AH6DL



#20

cis-1,2-Dichloroethene

Concen: 77.663 ug/L

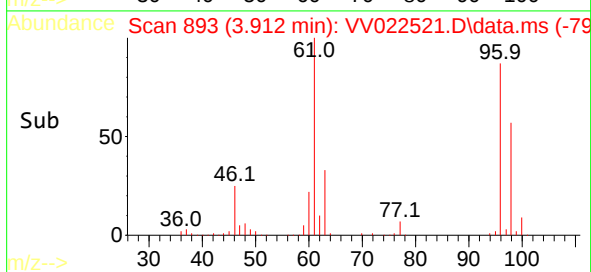
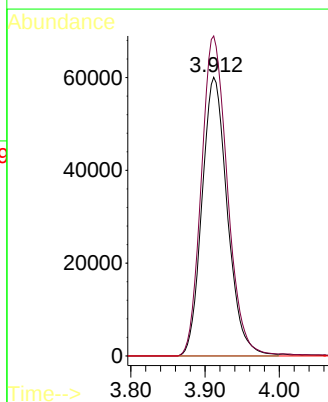
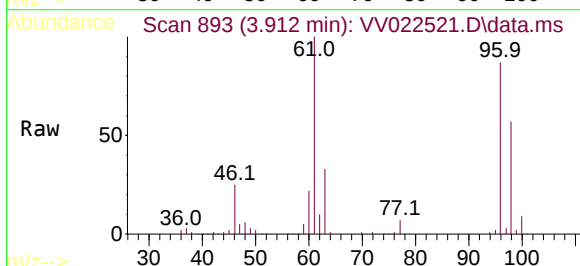
RT: 3.912 min Scan# 893

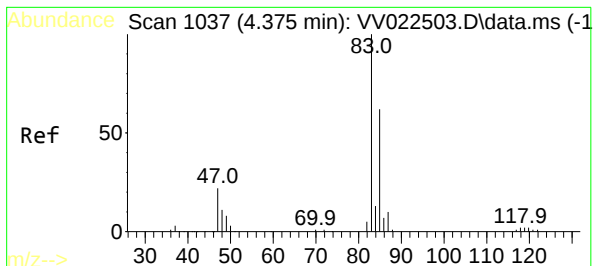
Delta R.T. 0.003 min

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

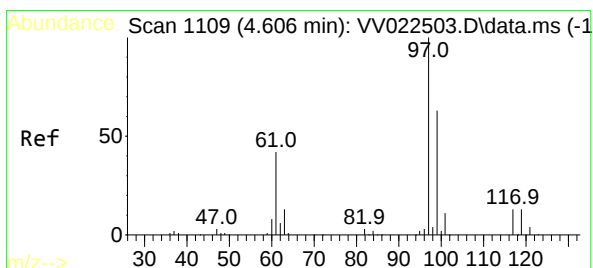
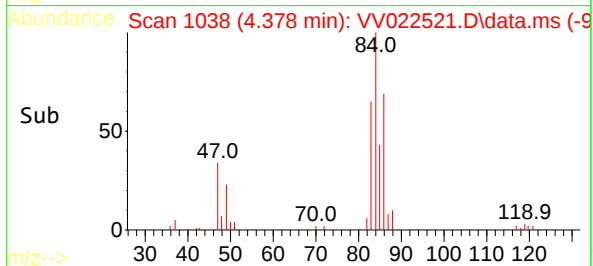
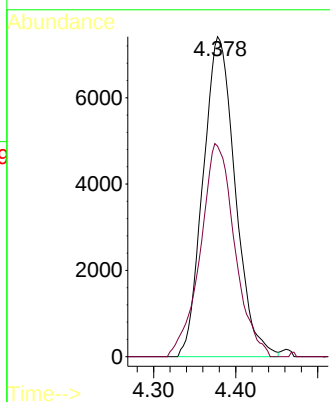
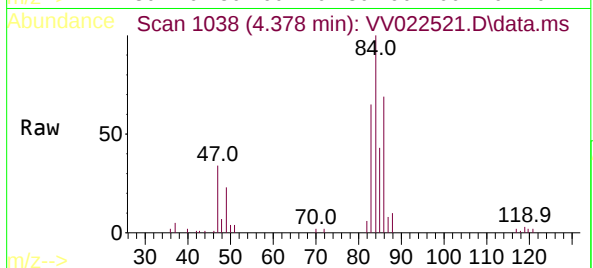
Acq: 02 Oct 2021 19:17

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

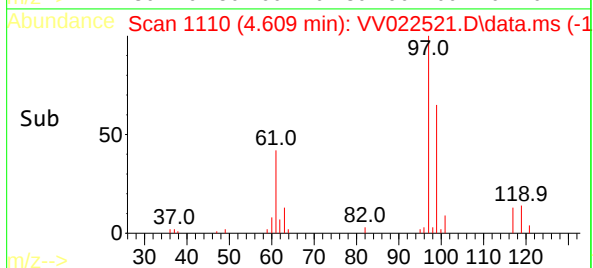
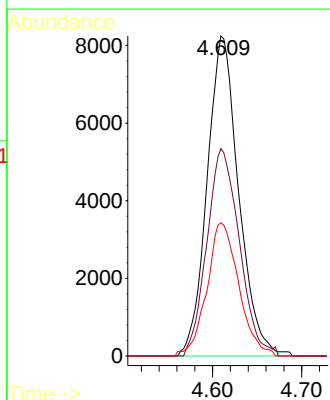
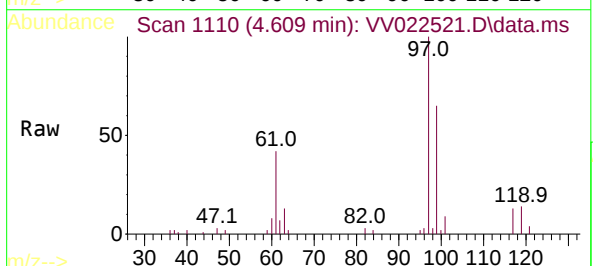
Tgt Ion: 97 Resp: 20234

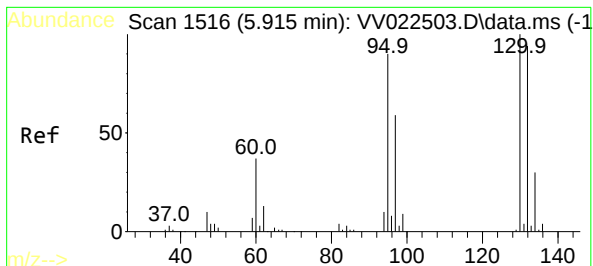
Ion Ratio Lower Upper

97 100

99 66.7 51.7 77.5

61 41.9 32.9 49.3

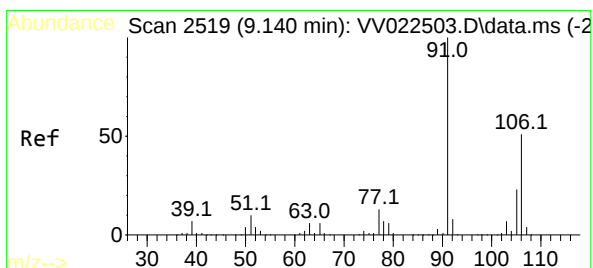
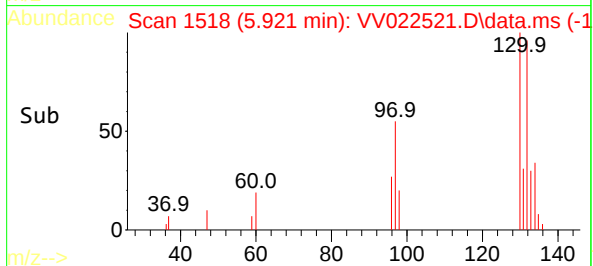
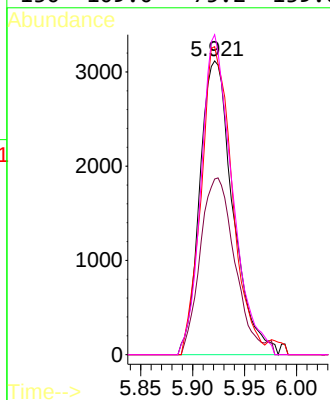
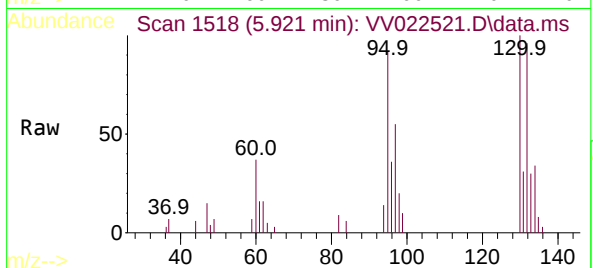




#34
Trichloroethene
Concen: 4.043 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022521.D
Acq: 02 Oct 2021 19:17

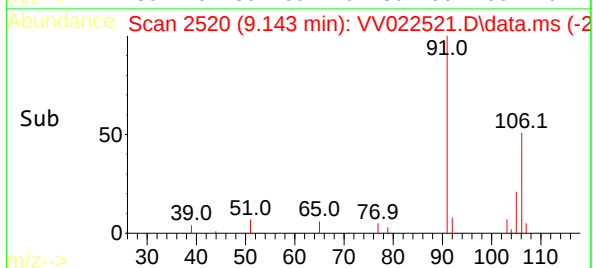
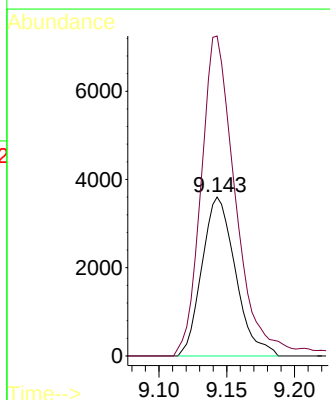
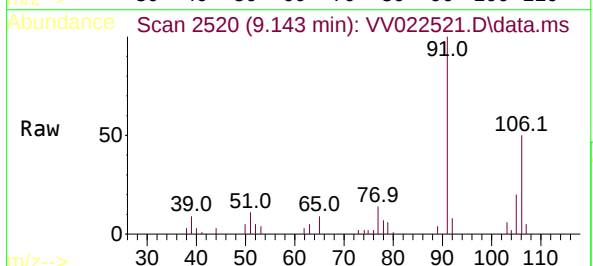
Instrument :
MSVOA_V
ClientSampleID :
C0AH6DL

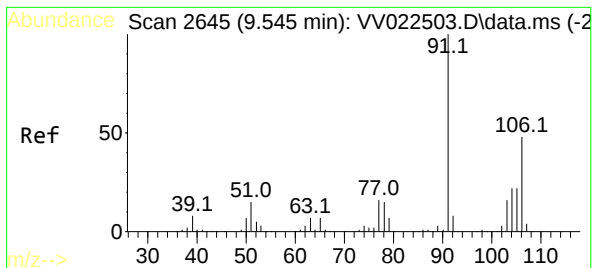
Tgt Ion: 95 Resp: 6898
Ion Ratio Lower Upper
95 100
97 59.8 45.4 84.4
132 104.9 71.5 132.9
130 109.0 75.2 139.6



#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
ClientSampleId :
C0AH6DL

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

