

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022495.D
 Acq On : 02 Oct 2021 04:26
 Operator : SY/MD
 Sample : M4023-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

Quant Time: Oct 02 05:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

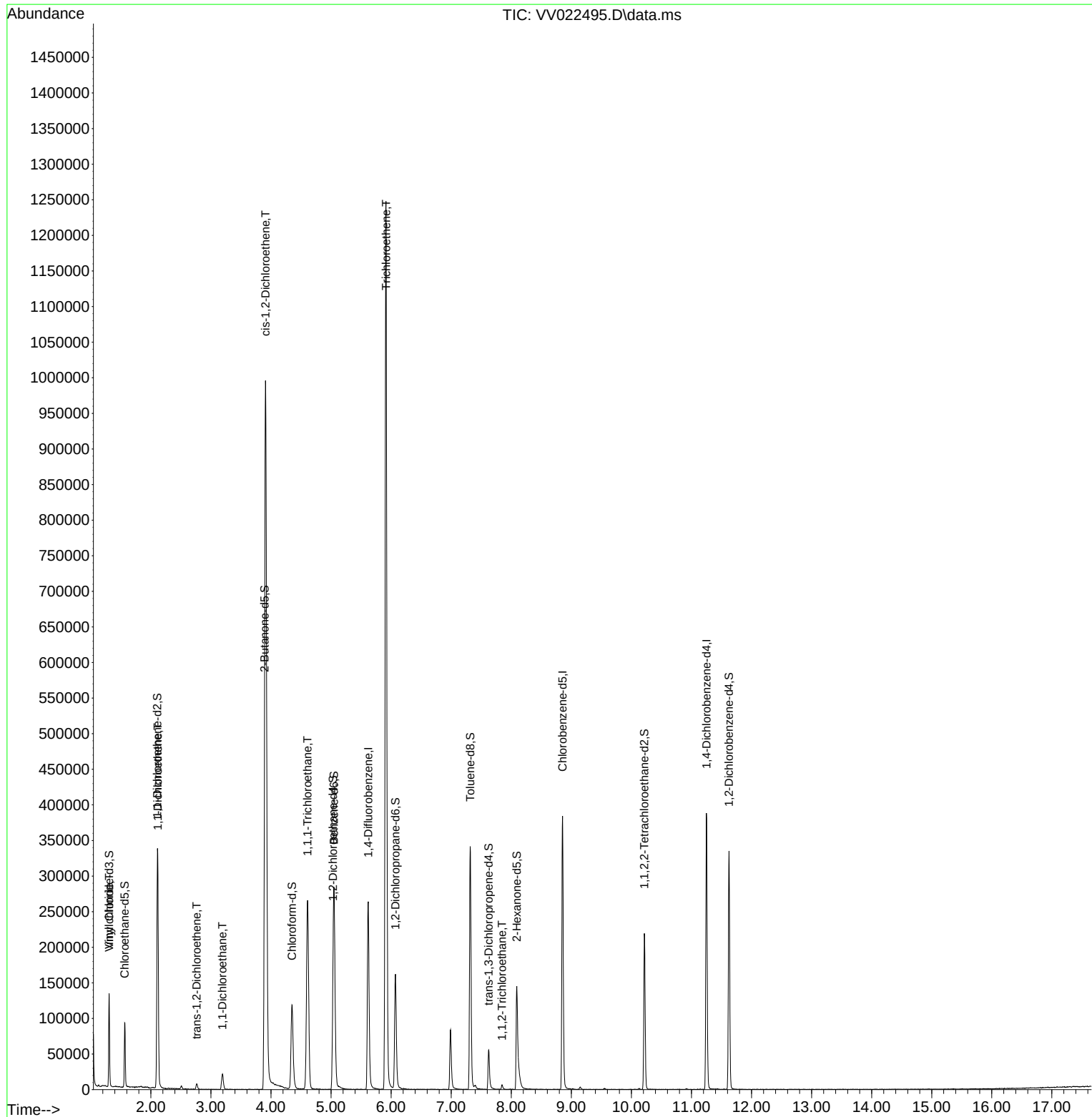
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236384	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	219988	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71020	48.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.160%		
7) Chloroethane-d5	1.564	69	56554	49.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.420%		
11) 1,1-Dichloroethene-d2	2.108	63	133942	46.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.940%		
21) 2-Butanone-d5	3.892	46	66562	82.714	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.710%		
24) Chloroform-d	4.349	84	124360	46.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.120%		
26) 1,2-Dichloroethane-d4	5.034	65	73284	47.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.600%		
32) Benzene-d6	5.050	84	251481	49.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.680%		
36) 1,2-Dichloropropane-d6	6.072	67	78540	50.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.317	98	227918	48.754	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.500%		
43) trans-1,3-Dichloroprop...	7.625	79	32014	43.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.260%		
47) 2-Hexanone-d5	8.092	63	60299	92.777	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.780%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	101374	46.467	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.940%		
66) 1,2-Dichlorobenzene-d4	11.625	152	87598	50.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.980%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	13432	6.028	ug/L	94
12) 1,1-Dichloroethene	2.117	96	60098	36.396	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	2833	1.563	ug/L	97
19) 1,1-Dichloroethane	3.191	63	21163	6.598	ug/L	95
20) cis-1,2-Dichloroethene	3.908	96	564181	292.161	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	218749	79.601	ug/L	99
34) Trichloroethene	5.915	95	422327	238.129	ug/L	99
45) 1,1,2-Trichloroethane	7.847	97	2127	1.182	ug/L	93

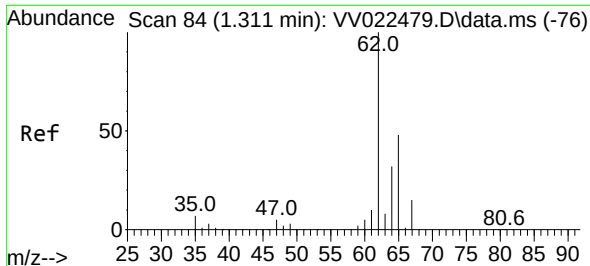
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022495.D
Acq On : 02 Oct 2021 04:26
Operator : SY/MD
Sample : M4023-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

Quant Time: Oct 02 05:40:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:27:14 2021
Response via : Initial Calibration

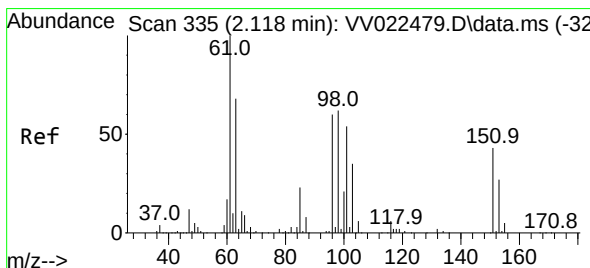
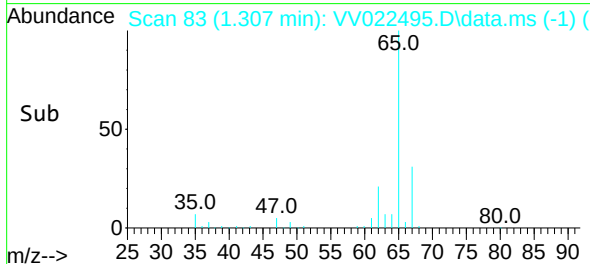
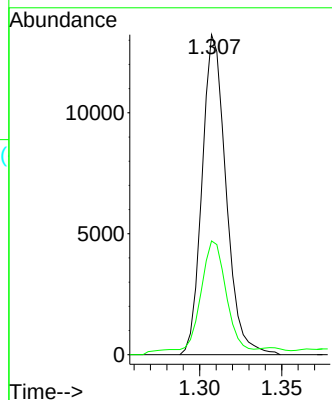
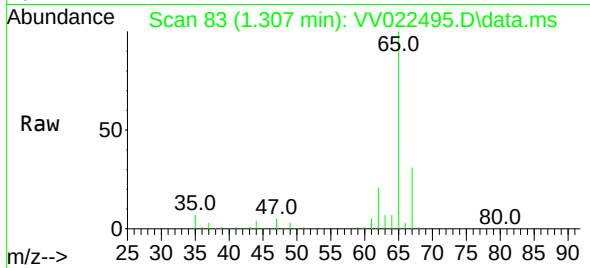




#5
 Vinyl chloride
 Concen: 6.028 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

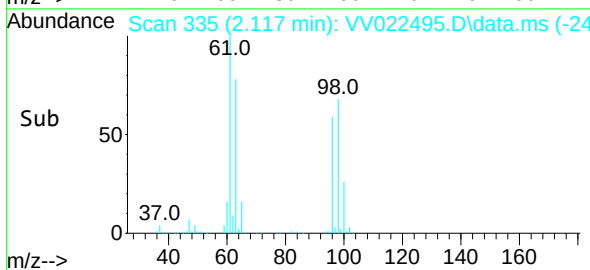
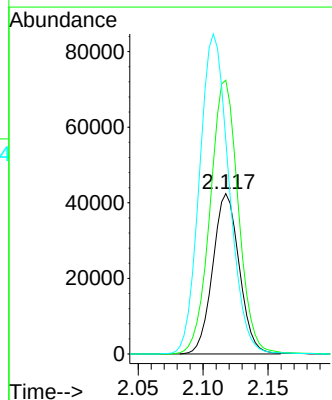
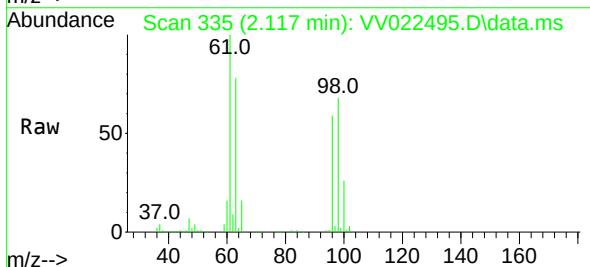
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

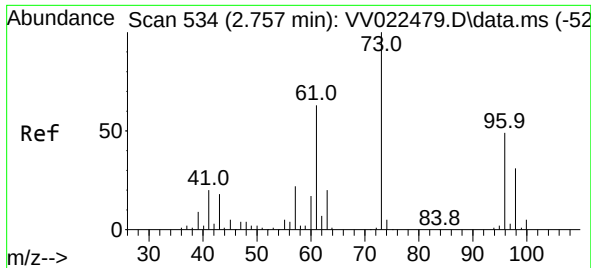
Tgt Ion: 62 Resp: 13432
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 36.396 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

Tgt Ion: 96 Resp: 60098
 Ion Ratio Lower Upper
 96 100
 61 170.7 118.0 219.2
 63 133.3 86.4 160.4

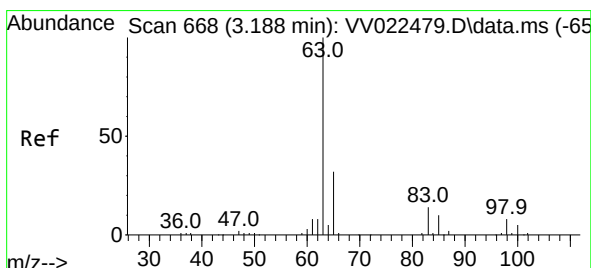
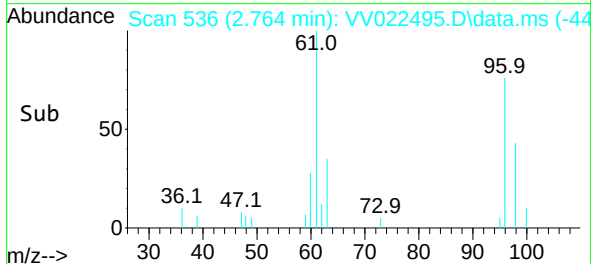
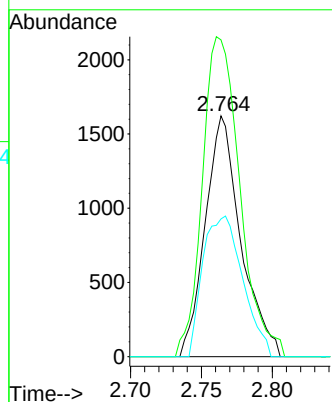
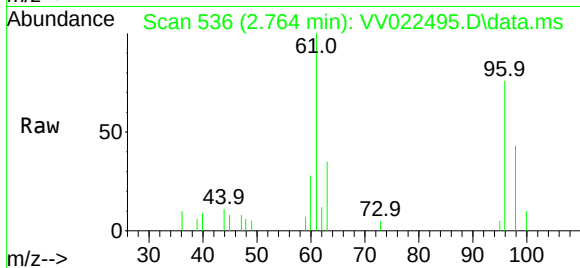




#17
trans-1,2-Dichloroethene
Concen: 1.563 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

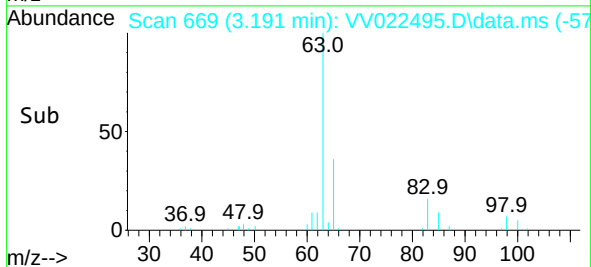
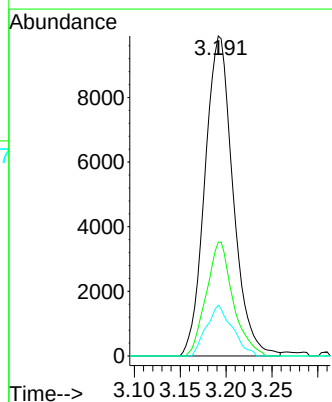
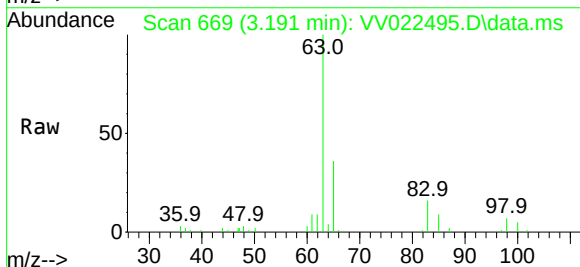
Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

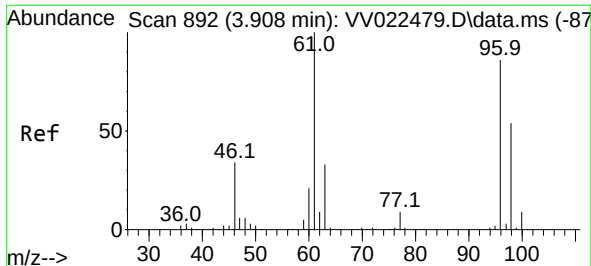
Tgt Ion:	96	Resp:	2833
Ion	Ratio	Lower	Upper
96	100		
61	131.6	90.8	168.6
98	57.2	44.0	81.8



#19
1,1-Dichloroethane
Concen: 6.598 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

Tgt Ion:	63	Resp:	21163
Ion	Ratio	Lower	Upper
63	100		
65	35.6	22.9	42.5
83	15.8	9.4	17.4

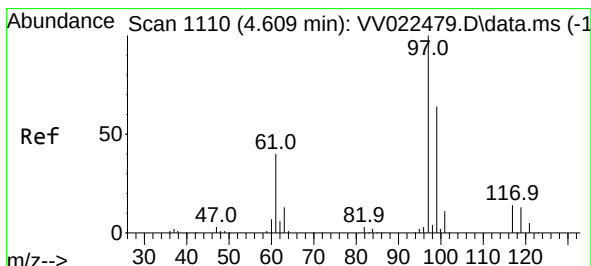
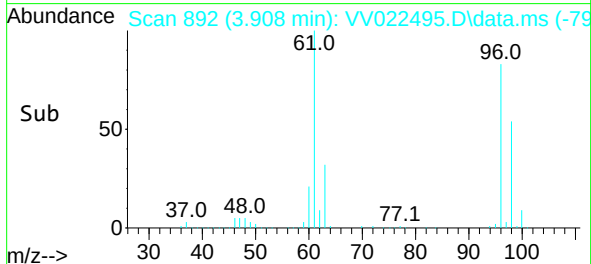
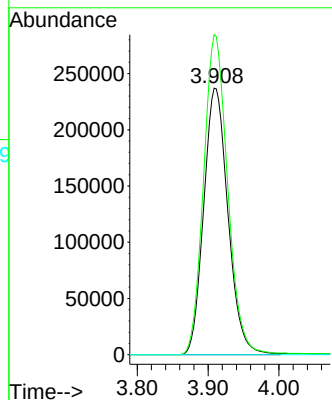
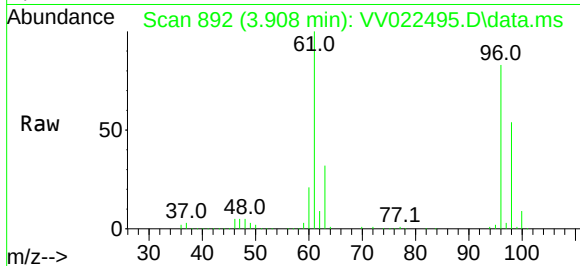




#20
 cis-1,2-Dichloroethene
 Concen: 292.161 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

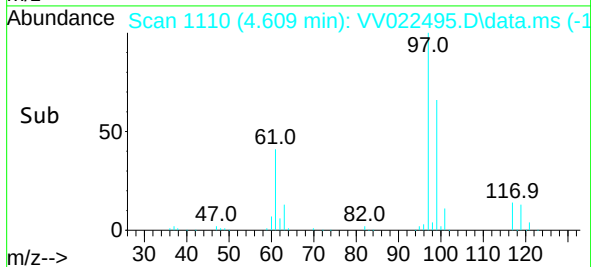
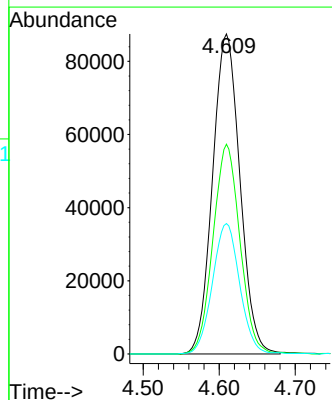
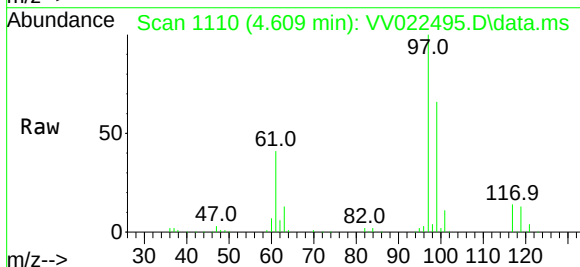
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

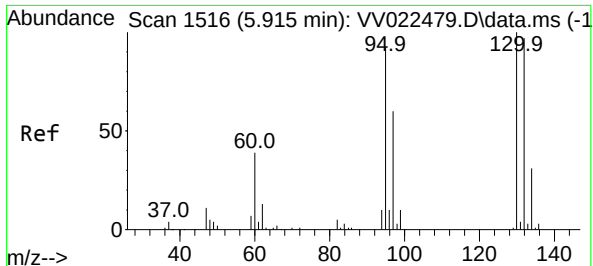
Tgt Ion: 96 Resp: 564181
 Ion Ratio Lower Upper
 96 100
 61 120.1 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 79.601 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

Tgt Ion: 97 Resp: 218749
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 40.5 32.9 49.3





#34

Trichloroethene

Concen: 238.129 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022495.D

Acq: 02 Oct 2021 04:26

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2

Tgt Ion: 95 Resp: 422327

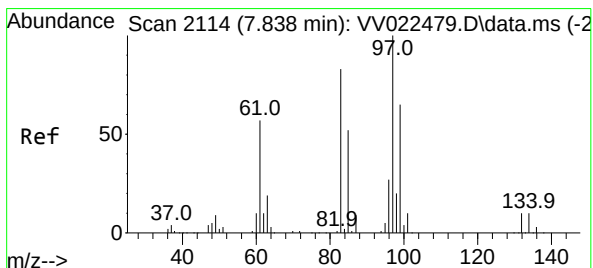
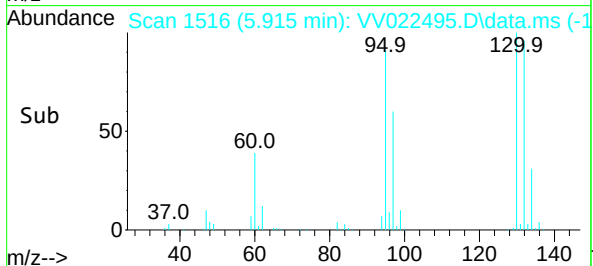
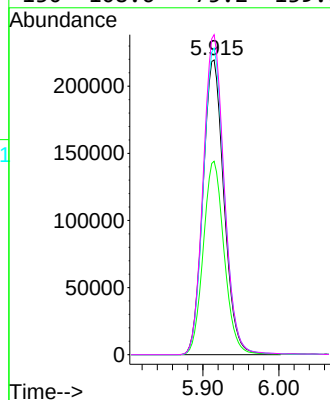
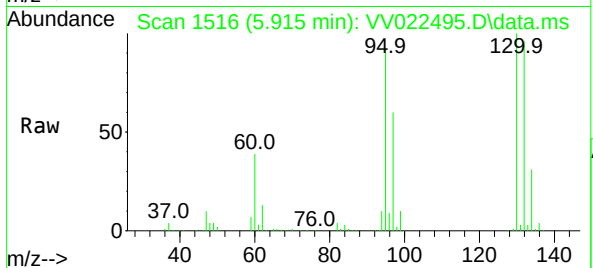
Ion Ratio Lower Upper

95 100

97 65.6 45.4 84.4

132 104.1 71.5 132.9

130 108.6 75.2 139.6



#45

1,1,2-Trichloroethane

Concen: 1.182 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VV022495.D

Acq: 02 Oct 2021 04:26

Tgt Ion: 97 Resp: 2127

Ion Ratio Lower Upper

97 100

99 61.4 43.1 80.1

83 78.7 58.6 108.8

85 65.2 36.9 68.5

