

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)

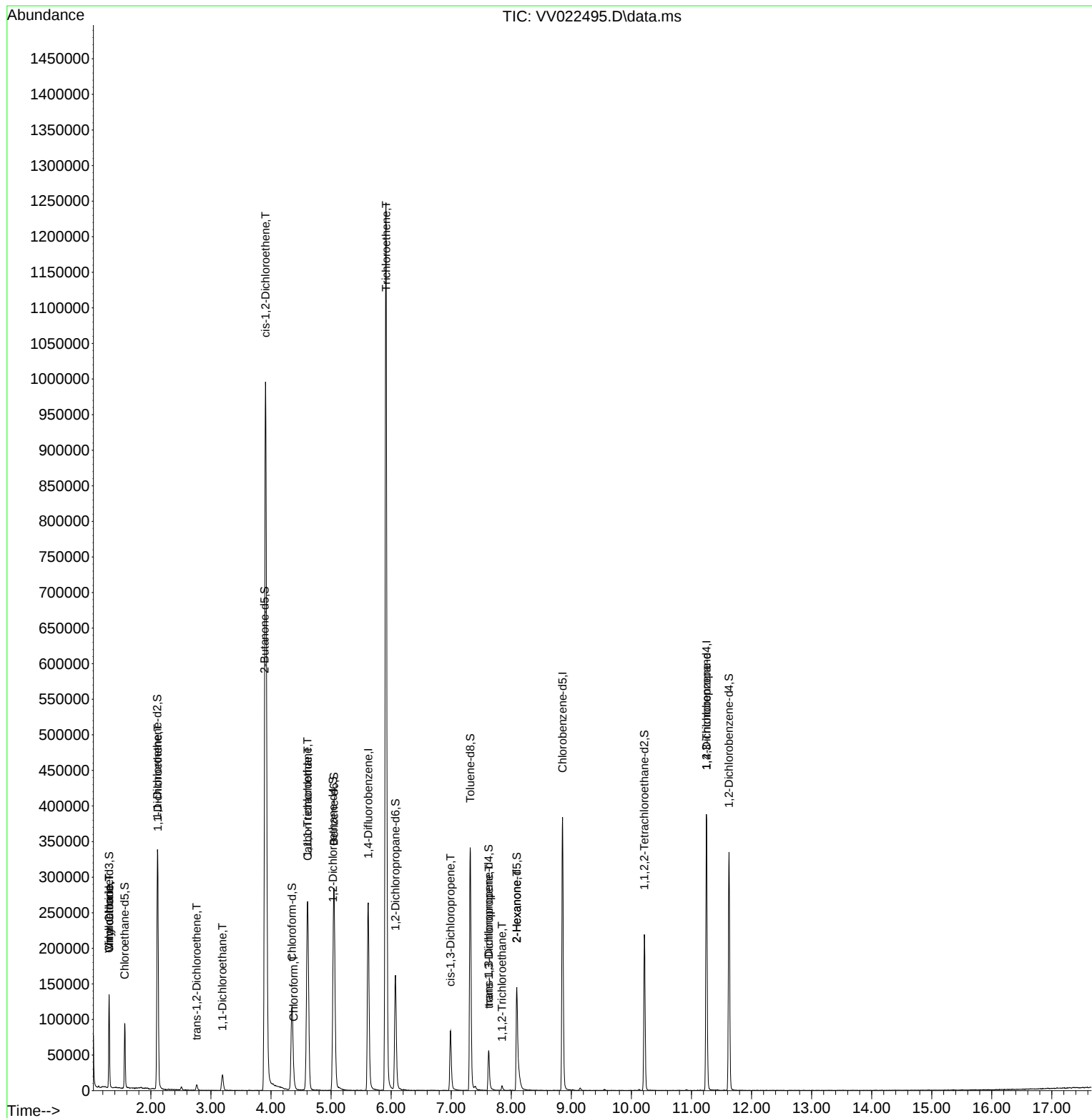
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236384	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	219988	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71020	48.579	ug/L	0.00
Spiked Amount 50.000	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
8) Chloroethane	1.307	64	4549	3.347	ug/L	91
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
25) Chloroform	4.378	83	4305	1.334	ug/L	88
30) 1,1,1-Trichloroethane	4.609	97	218749	79.601	ug/L	99
31) Carbon tetrachloride	4.613	117	30317	12.558	ug/L	98
34) Trichloroethene	5.915	95	422327	238.129	ug/L	99
39) cis-1,3-Dichloropropene	6.989	75	2197	0.840	ug/L #	68
44) trans-1,3-Dichloropropene	7.629	75	1480	0.588	ug/L #	59
45) 1,1,2-Trichloroethane	7.847	97	2127	1.182	ug/L	93
48) 2-Hexanone	8.092	43	5901	3.157	ug/L #	50
61) 1,2,3-Trichloropropane	11.249	75	11264	5.622	ug/L #	63

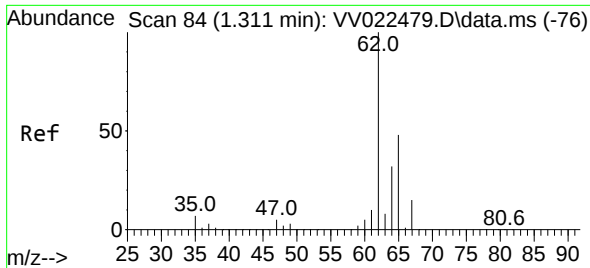
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

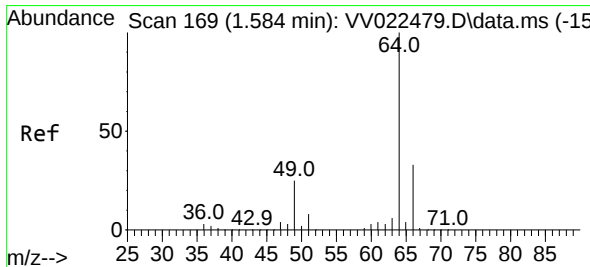
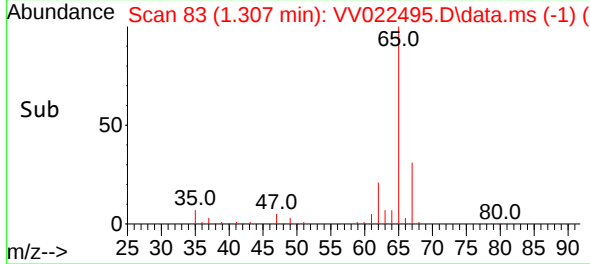
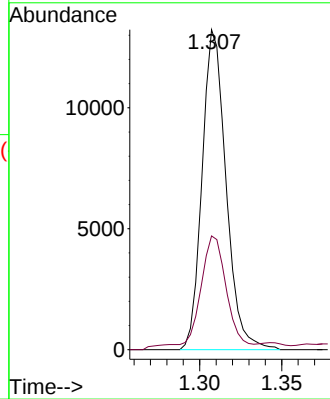
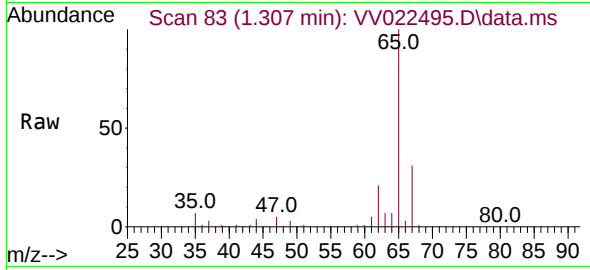




#5
 Vinyl chloride
 Concen: 6.028 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

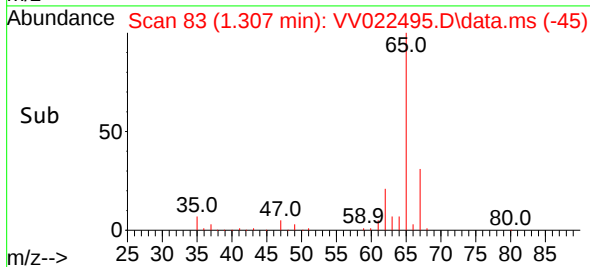
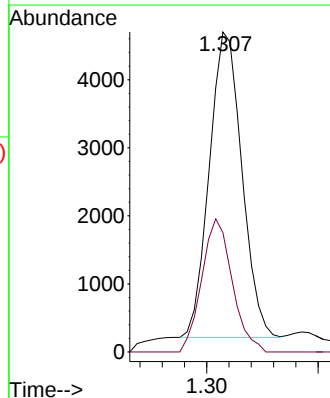
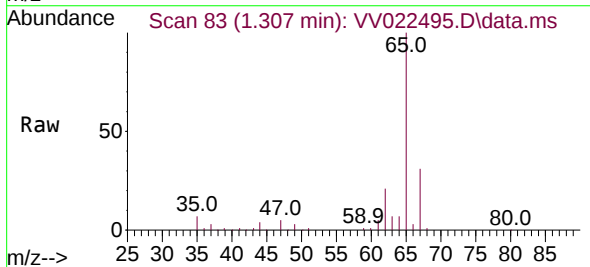
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

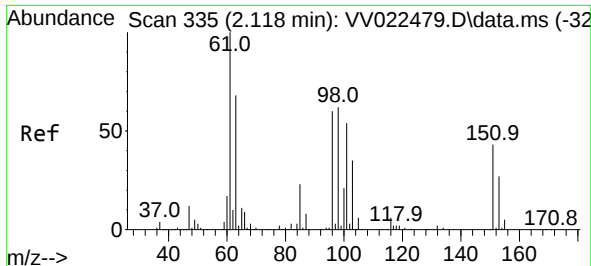
Tgt Ion: 62 Resp: 13432
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.5 41.9



#8
 Chloroethane
 Concen: 3.347 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.277 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

Tgt Ion: 64 Resp: 4549
 Ion Ratio Lower Upper
 64 100
 66 37.3 22.7 42.3





#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

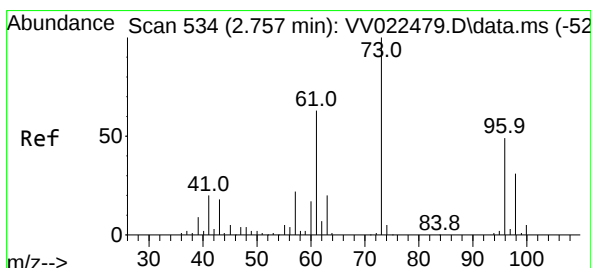
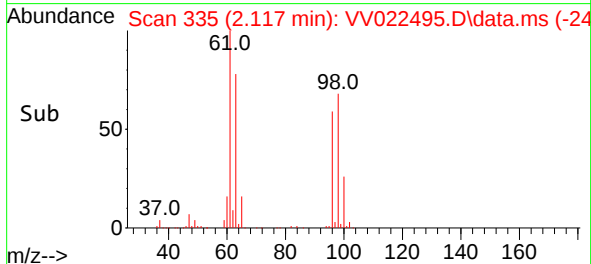
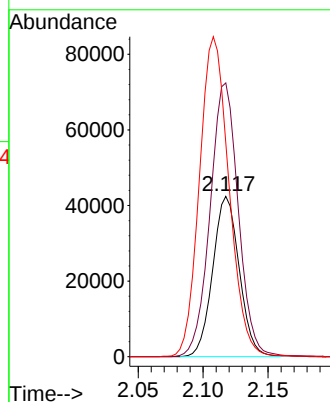
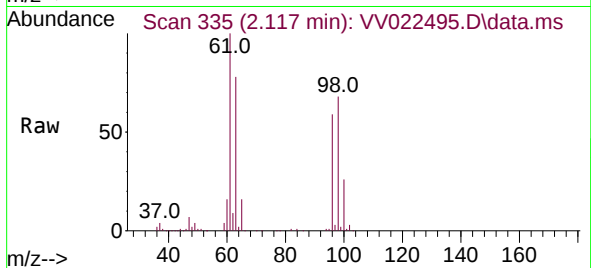
Tgt Ion: 96 Resp: 60098

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

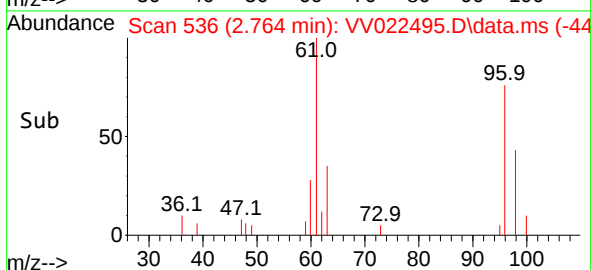
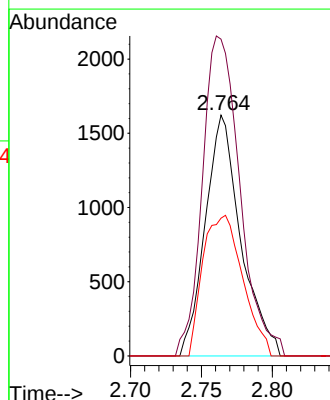
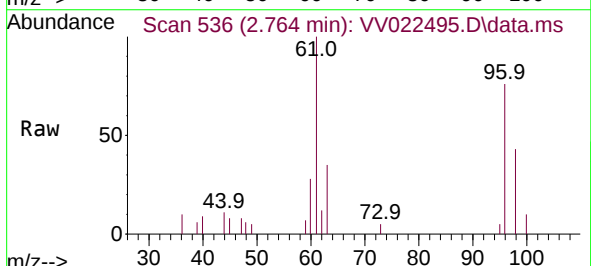
Tgt Ion: 96 Resp: 2833

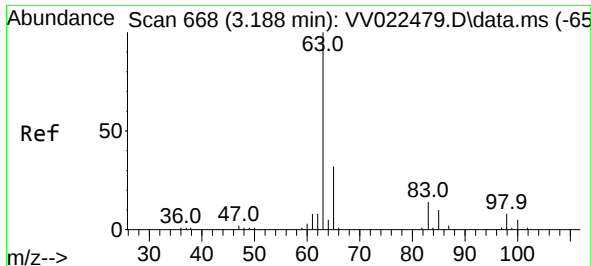
Ion Ratio Lower Upper

96 100

61 131.6 90.8 168.6

98 57.2 44.0 81.8

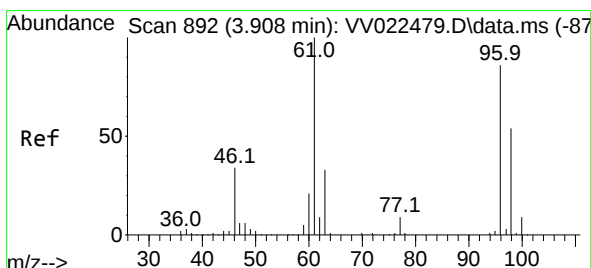
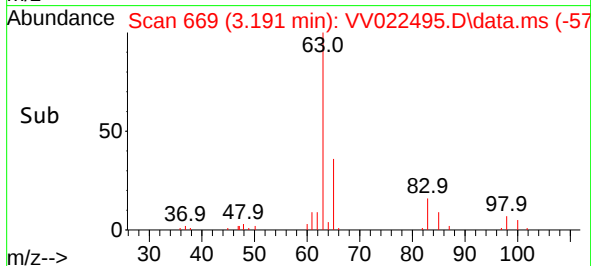
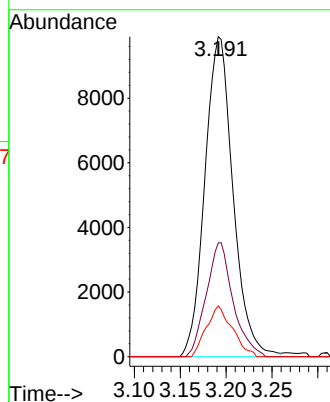
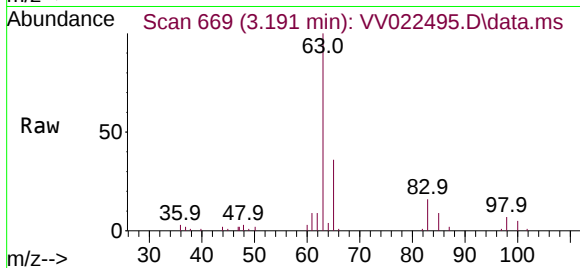




#19
1,1-Dichloroethane
Concen: 6.598 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

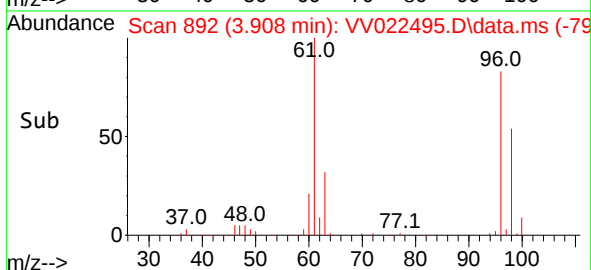
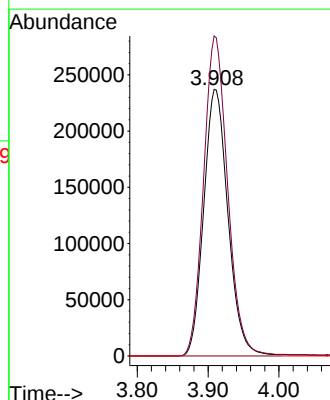
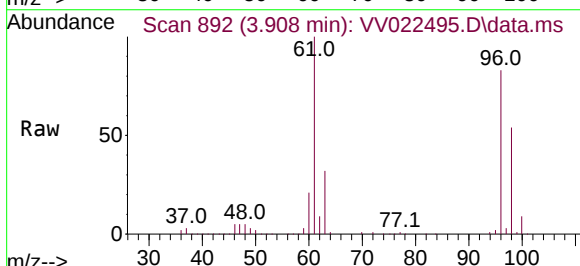
Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

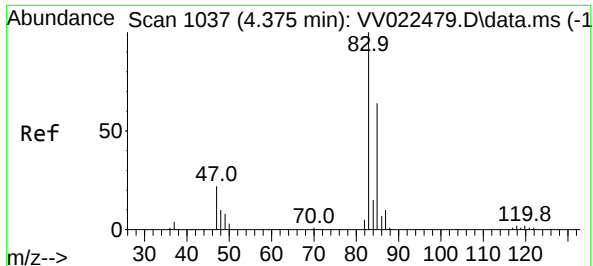
Tgt Ion:	63	Resp:	21163
Ion	Ratio	Lower	Upper
63	100		
65	35.6	22.9	42.5
83	15.8	9.4	17.4



#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

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





#25

Chloroform

Concen: 1.334 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV022495.D

Acq: 02 Oct 2021 04:26

Instrument :

MSVOA_V

ClientSampleId :

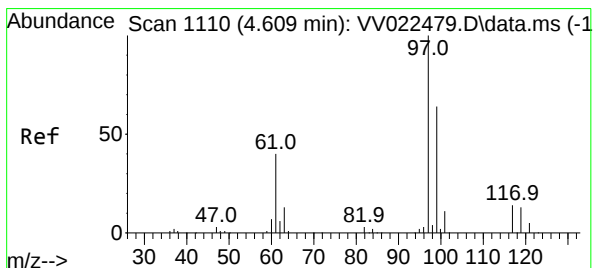
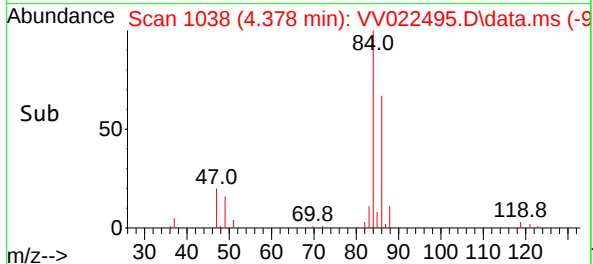
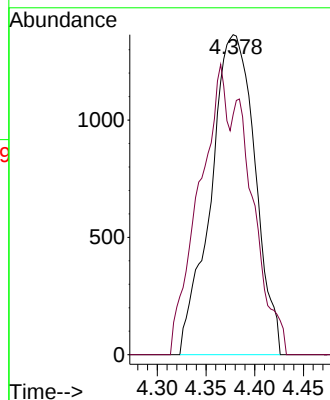
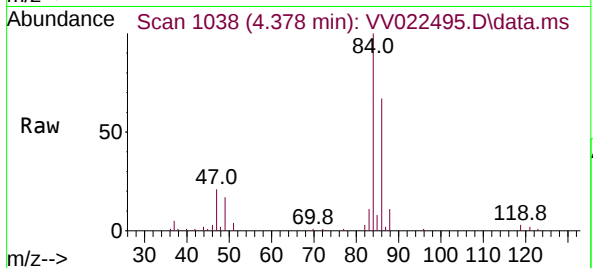
C0AJ2

Tgt Ion: 83 Resp: 4305

Ion Ratio Lower Upper

83 100

85 75.1 45.8 85.0



#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

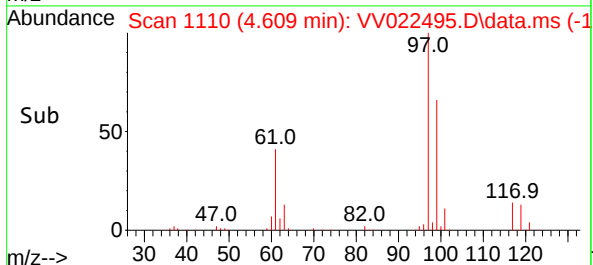
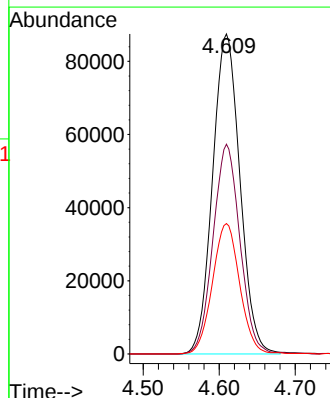
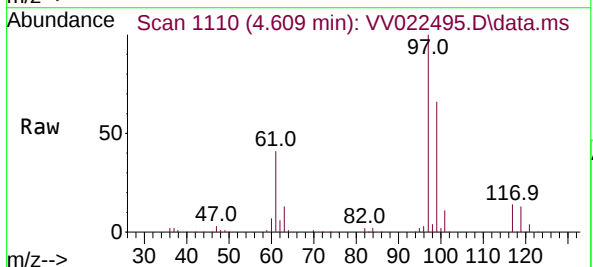
Tgt Ion: 97 Resp: 218749

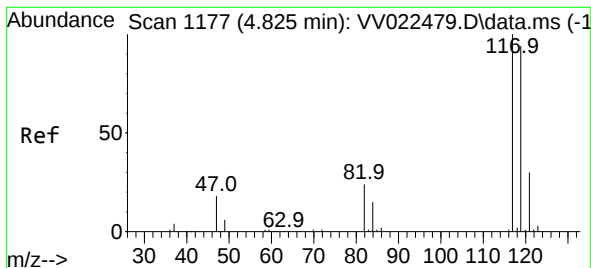
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 40.5 32.9 49.3





#31

Carbon tetrachloride

Concen: 12.558 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.212 min

Lab File: VV022495.D

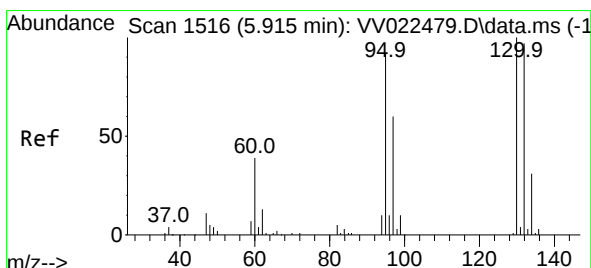
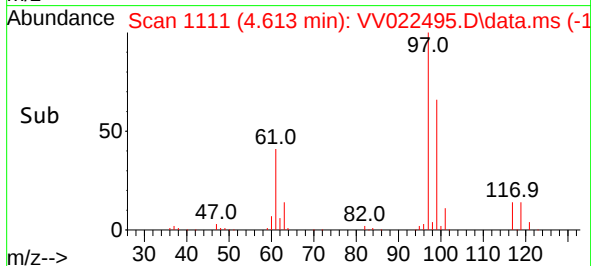
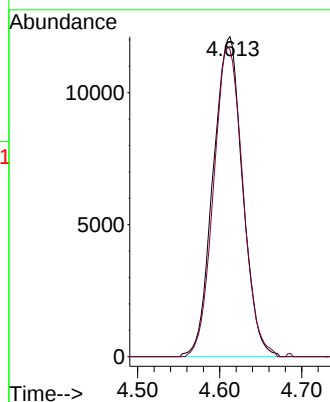
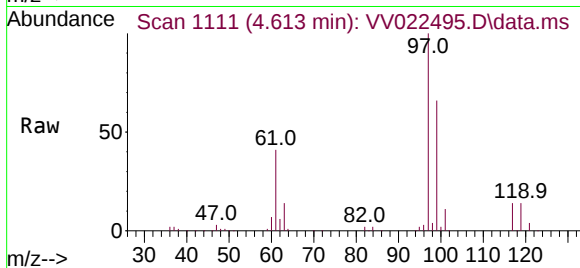
Acq: 02 Oct 2021 04:26

Tgt Ion:117 Resp: 30317

Ion Ratio Lower Upper

117 100

119 96.2 78.3 117.5



#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

Tgt Ion: 95 Resp: 422327

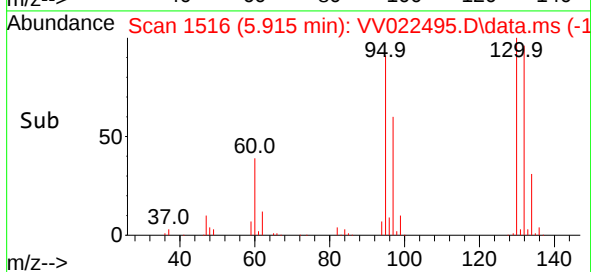
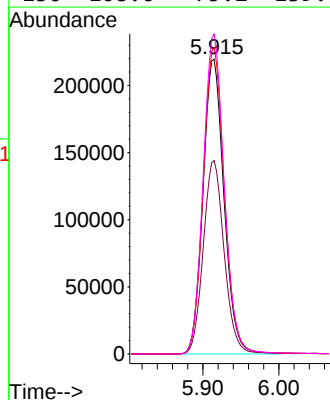
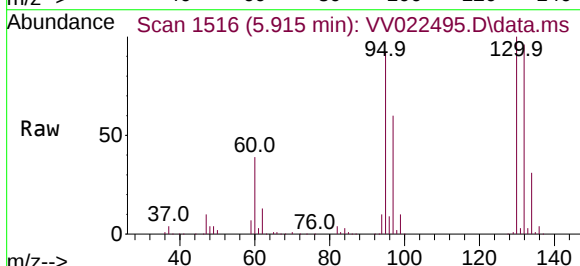
Ion Ratio Lower Upper

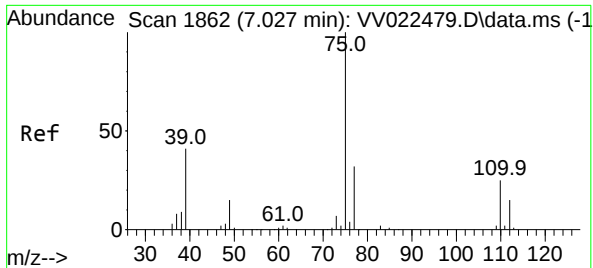
95 100

97 65.6 45.4 84.4

132 104.1 71.5 132.9

130 108.6 75.2 139.6

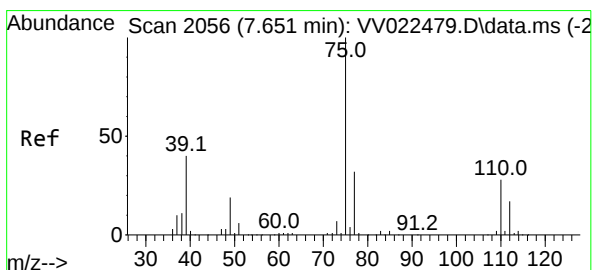
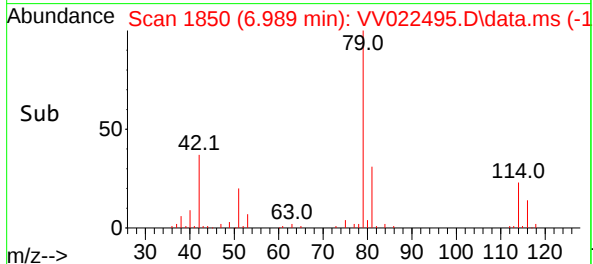
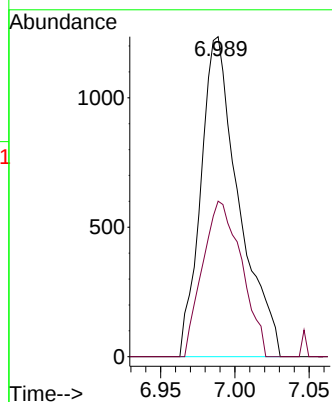
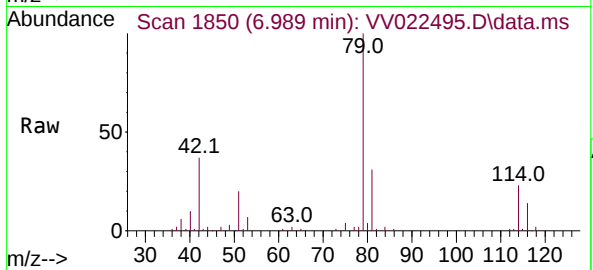




#39
cis-1,3-Dichloropropene
Concen: 0.840 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

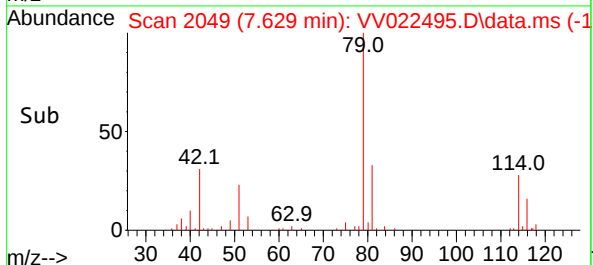
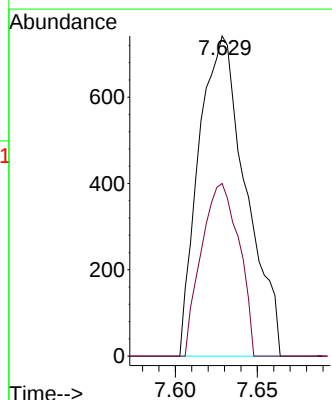
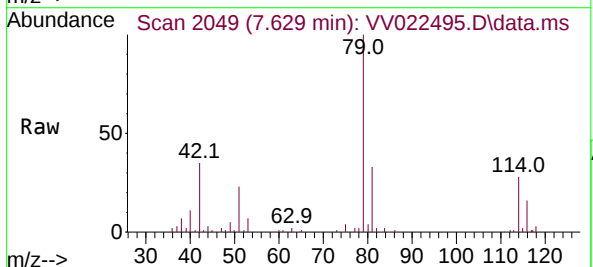
Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

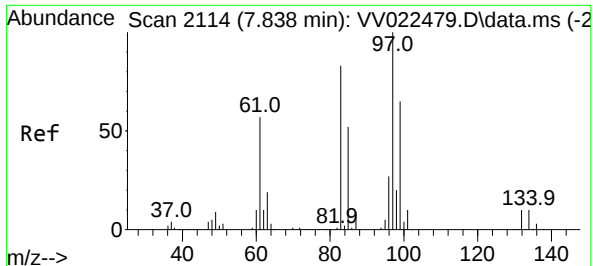
Tgt Ion: 75 Resp: 2197
Ion Ratio Lower Upper
75 100
77 48.6 21.6 40.2#



#44
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

Tgt Ion: 75 Resp: 1480
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#

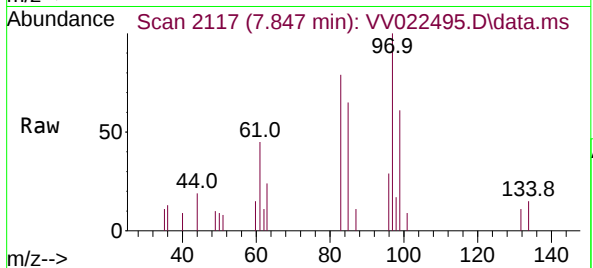




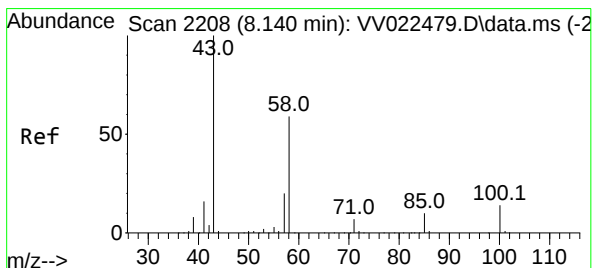
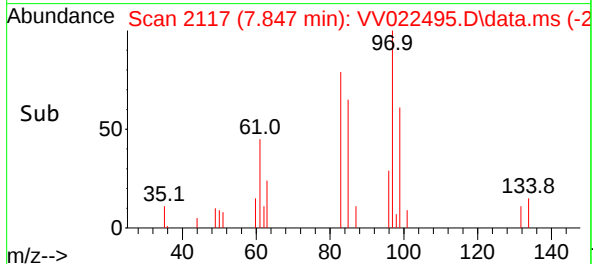
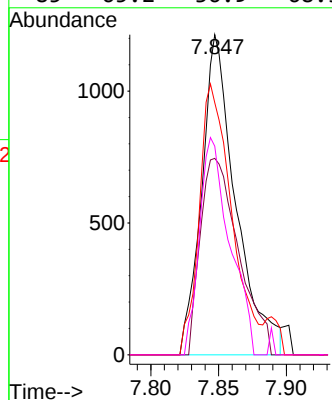
#45

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

Instrument :
MSVOA_V
ClientSampled :
C0AJ2



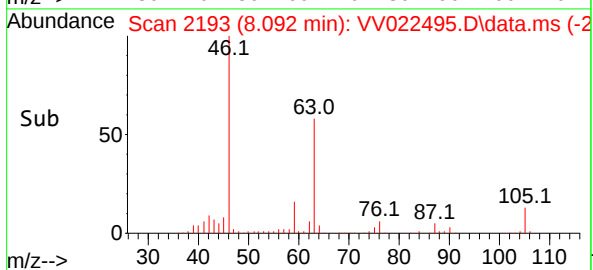
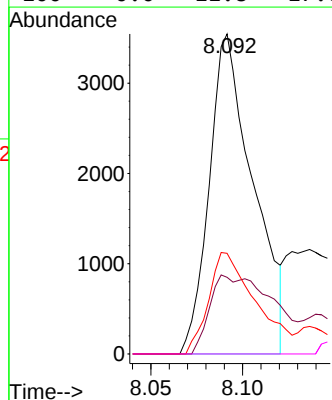
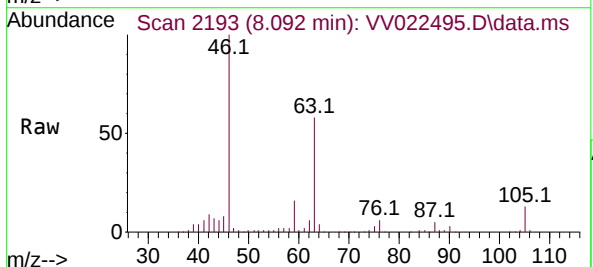
Tgt Ion:	97	Resp:	2127
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.1	80.1
83	78.7	58.6	108.8
85	65.2	36.9	68.5

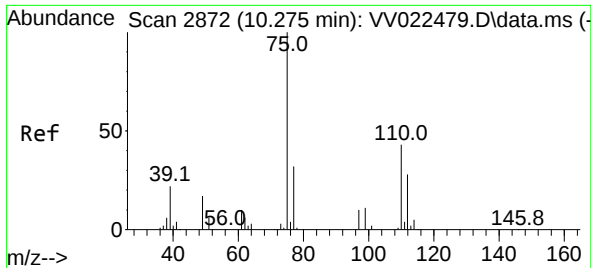


#48

2-Hexanone
Concen: 3.157 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022495.D
Acq: 02 Oct 2021 04:26

Tgt Ion:	43	Resp:	5901
Ion	Ratio	Lower	Upper
43	100		
58	13.7	47.0	70.4#
57	34.1	15.8	23.6#
100	0.0	11.8	17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.622 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022495.D
 Acq: 02 Oct 2021 04:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

Tgt Ion:	75	Resp:	11264
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.0	39.0
110	2.5	34.3	51.5#

