

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022496.D
 Acq On : 02 Oct 2021 04:50
 Operator : SY/MD
 Sample : M4023-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ3

Quant Time: Oct 02 05:40:57 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)

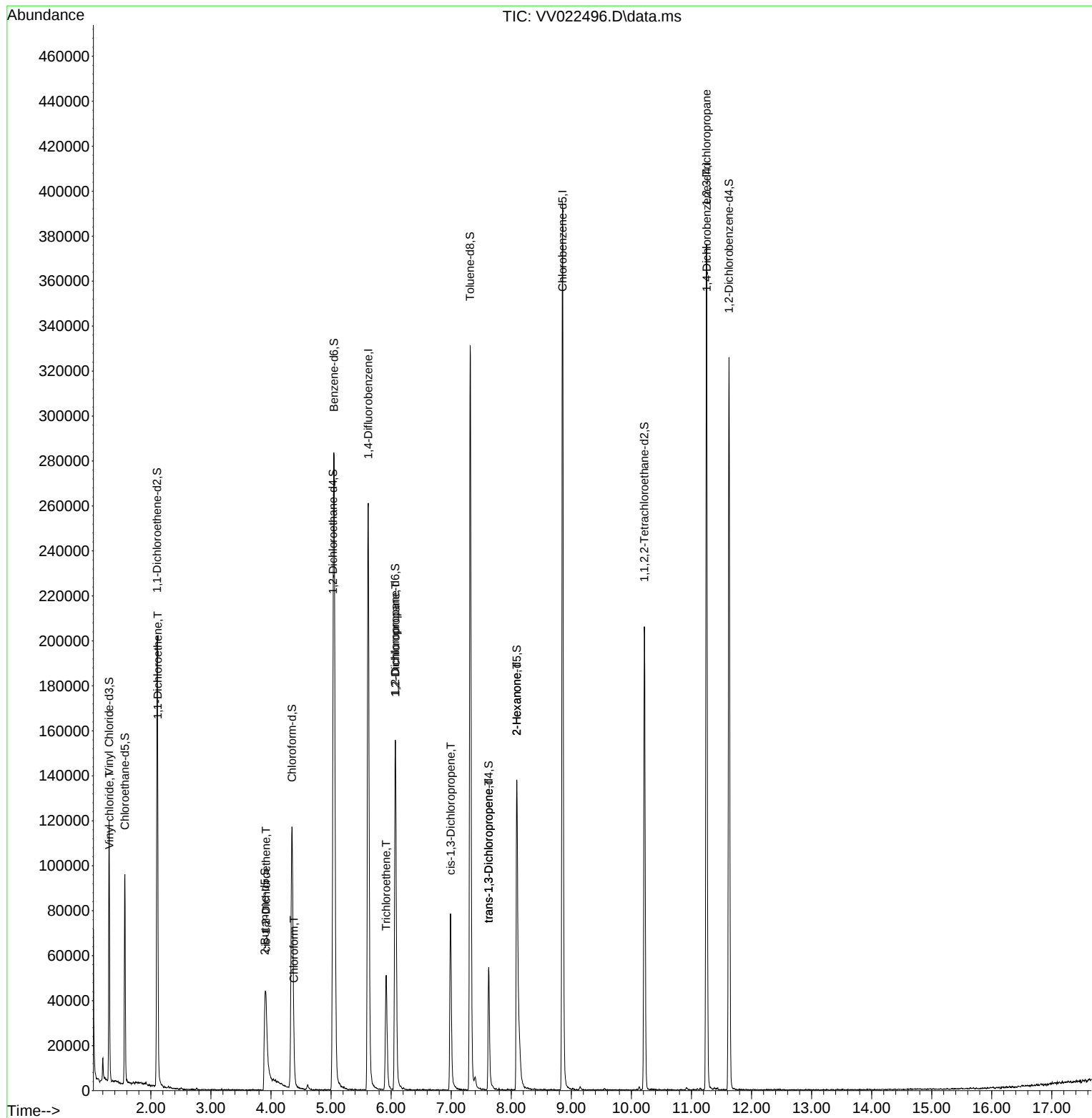
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	233277	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	223664	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	103150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69974	48.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.000%		
7) Chloroethane-d5	1.568	69	56388	49.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.440%		
11) 1,1-Dichloroethene-d2	2.105	63	103679	36.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.900%		
21) 2-Butanone-d5	3.899	46	65640	82.655	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.650%		
24) Chloroform-d	4.349	84	122787	46.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
26) 1,2-Dichloroethane-d4	5.034	65	73839	48.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.580%		
32) Benzene-d6	5.050	84	248698	47.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.000%		
36) 1,2-Dichloropropane-d6	6.069	67	78019	48.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.820%		
41) Toluene-d8	7.317	98	222516	46.816	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.640%		
43) trans-1,3-Dichloroprop...	7.625	79	32237	42.715	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.420%		
47) 2-Hexanone-d5	8.091	63	58495	88.523	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.520%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	100846	45.465	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.920%		
66) 1,2-Dichlorobenzene-d4	11.625	152	87958	52.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.580%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	4785	2.176	ug/L #	73
12) 1,1-Dichloroethene	2.114	96	2476	1.519	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	12520	6.570	ug/L	95
25) Chloroform	4.381	83	4141	1.300	ug/L	92
34) Trichloroethene	5.918	95	16150	8.957	ug/L	91
37) 1,2-Dichloropropane	6.072	63	8586	4.856	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1930	0.726	ug/L #	58
44) trans-1,3-Dichloropropene	7.625	75	1639	0.640	ug/L #	82
48) 2-Hexanone	8.091	43	6402	3.369	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	11077	5.647	ug/L #	62

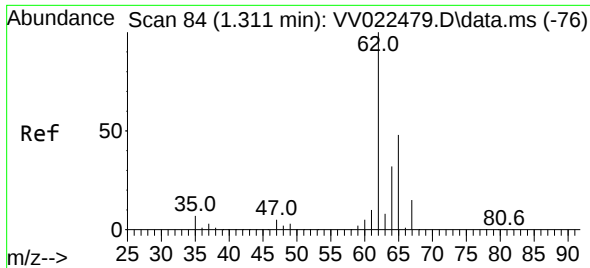
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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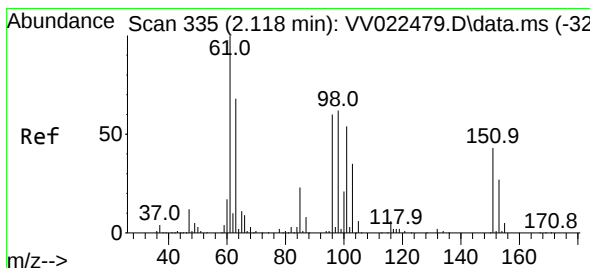
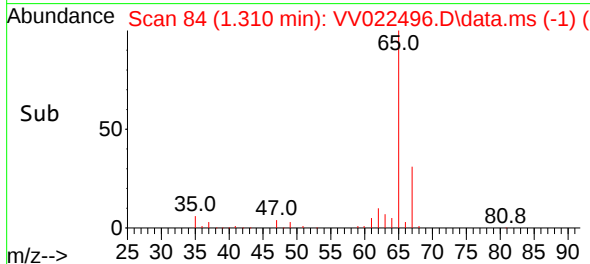
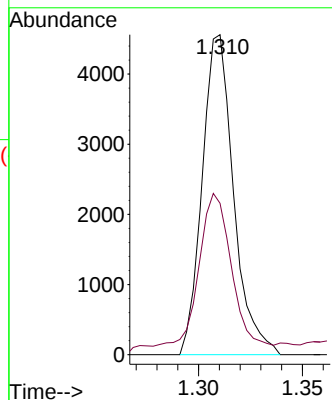
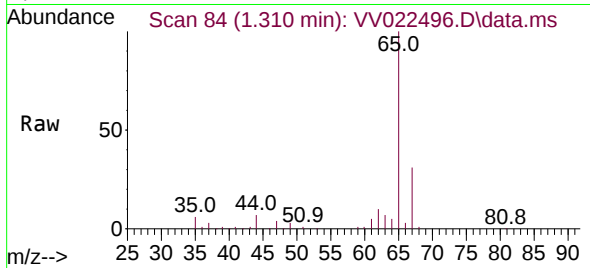




#5
 Vinyl chloride
 Concen: 2.176 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022496.D
 Acq: 02 Oct 2021 04:50

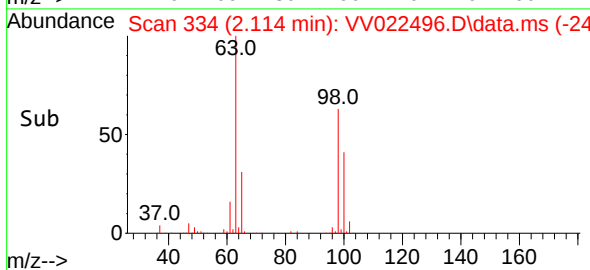
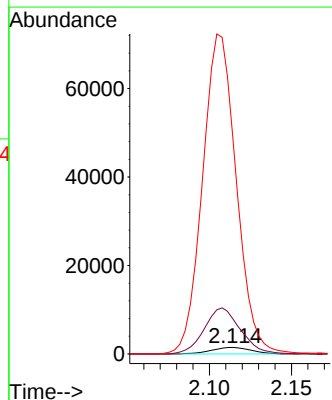
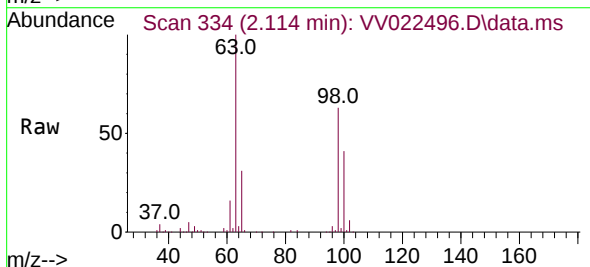
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ3

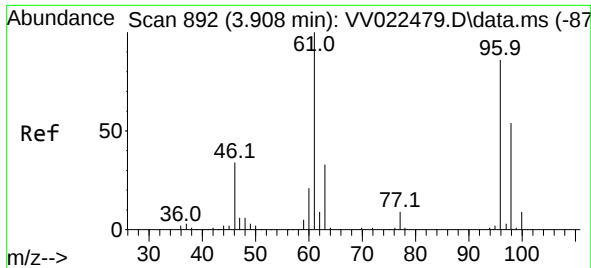
Tgt Ion: 62 Resp: 4785
 Ion Ratio Lower Upper
 62 100
 64 47.3 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 1.519 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV022496.D
 Acq: 02 Oct 2021 04:50

Tgt Ion: 96 Resp: 2476
 Ion Ratio Lower Upper
 96 100
 61 544.1 118.0 219.2#
 63 3351.1 86.4 160.4#

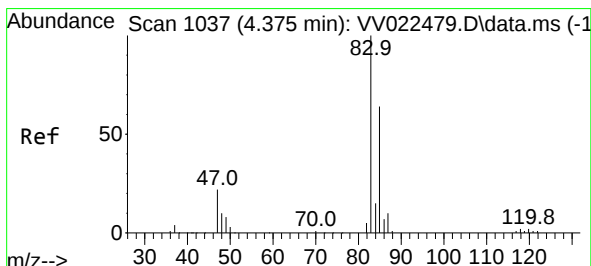
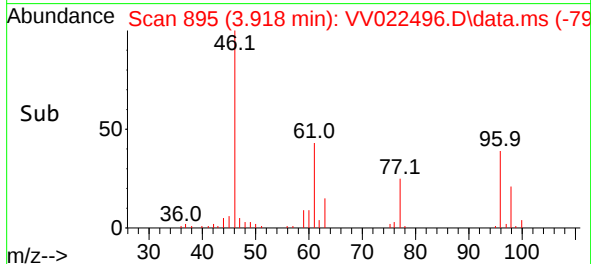
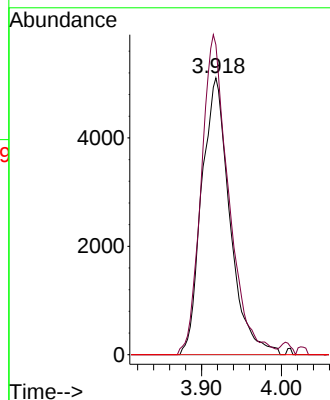
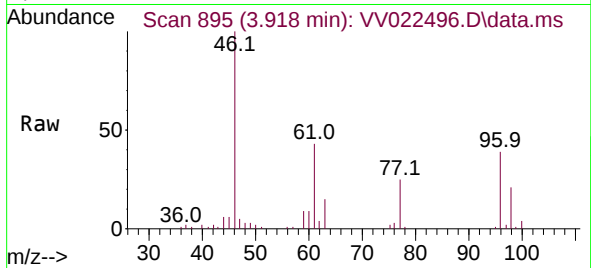




#20
cis-1,2-Dichloroethene
Concen: 6.570 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.009 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

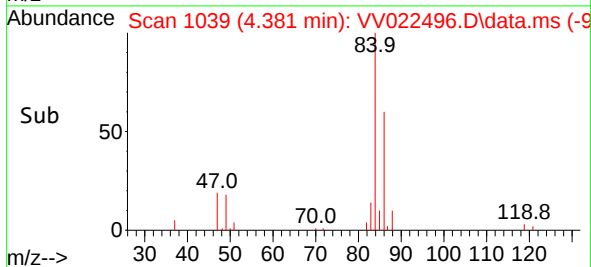
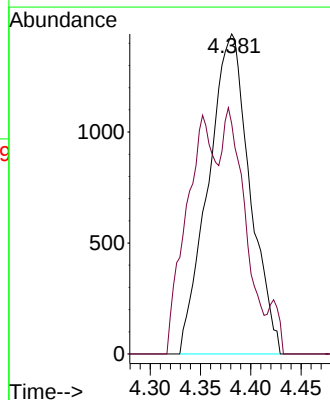
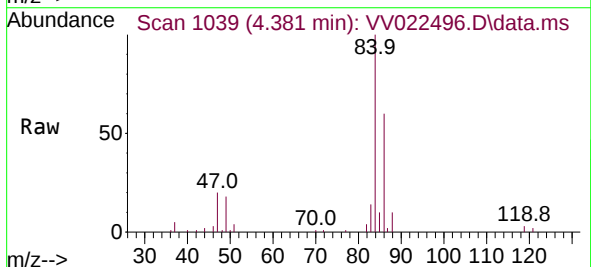
Instrument :
MSVOA_V
ClientSampleId :
C0AJ3

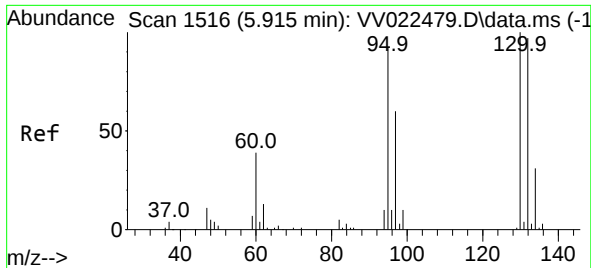
Tgt Ion: 96 Resp: 12520
Ion Ratio Lower Upper
96 100
61 112.0 81.9 152.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.300 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Tgt Ion: 83 Resp: 4141
Ion Ratio Lower Upper
83 100
85 71.9 45.8 85.0

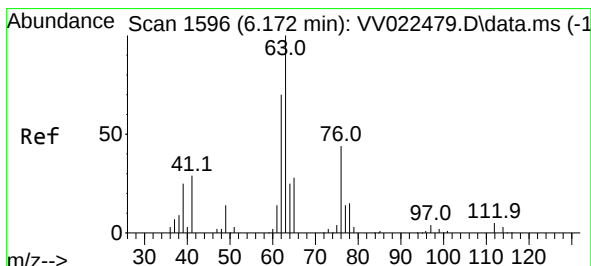
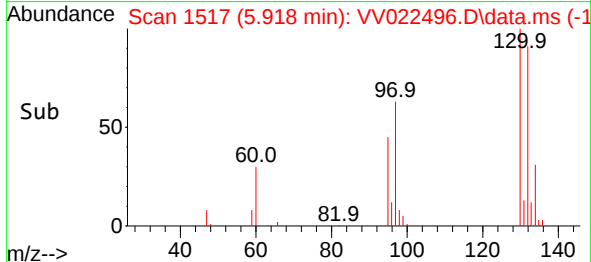
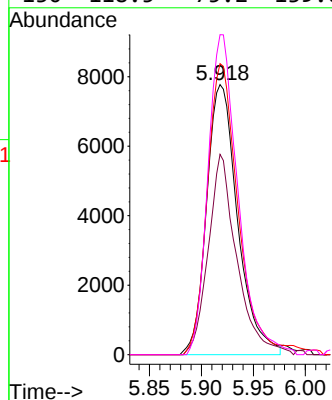
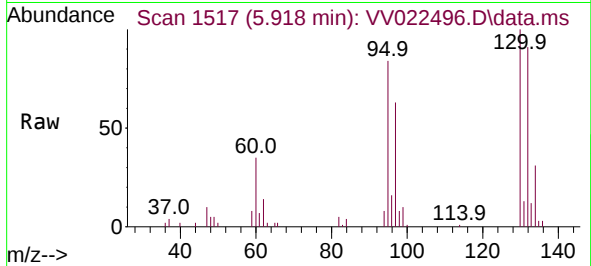




#34
Trichloroethene
Concen: 8.957 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

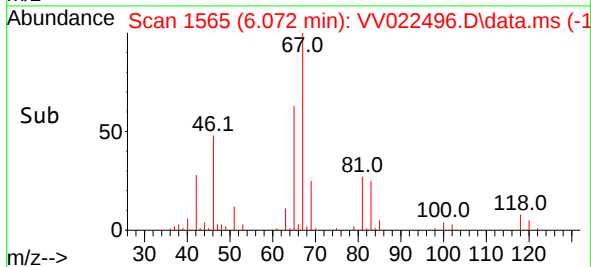
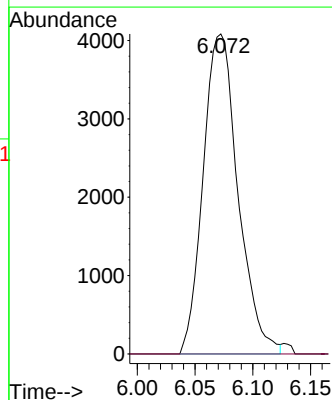
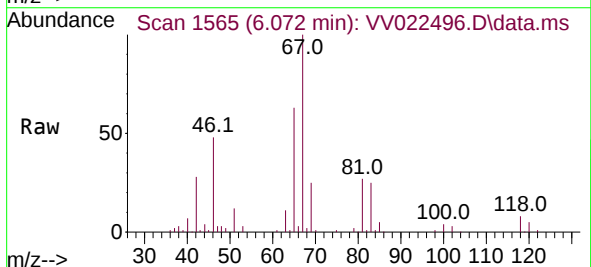
Instrument :
MSVOA_V
ClientSampled :
C0AJ3

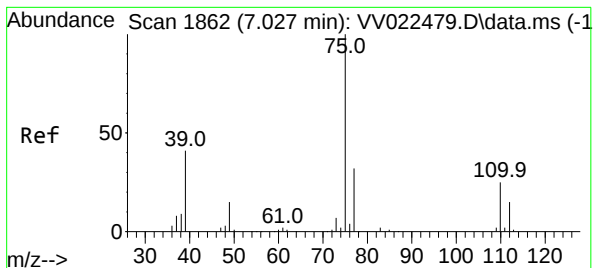
Tgt Ion:	95	Resp:	16150
Ion	Ratio	Lower	Upper
95	100		
97	74.2	45.4	84.4
132	107.8	71.5	132.9
130	118.5	75.2	139.6



#37
1,2-Dichloropropane
Concen: 4.856 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Tgt Ion:	63	Resp:	8586
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



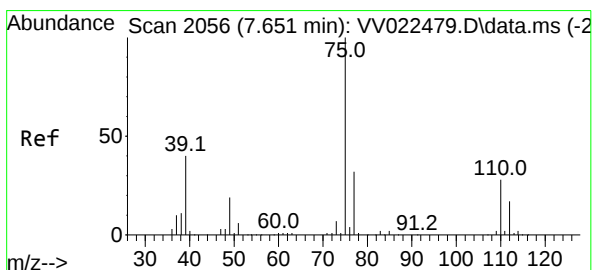
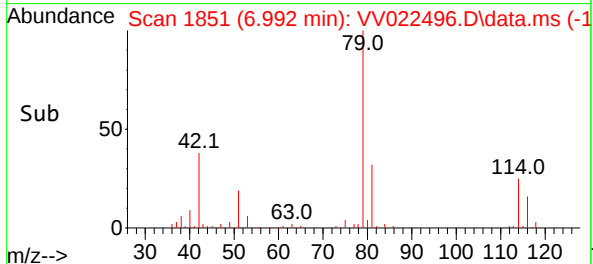
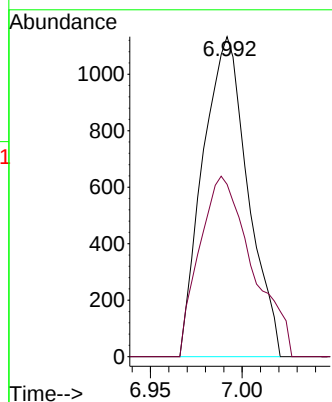
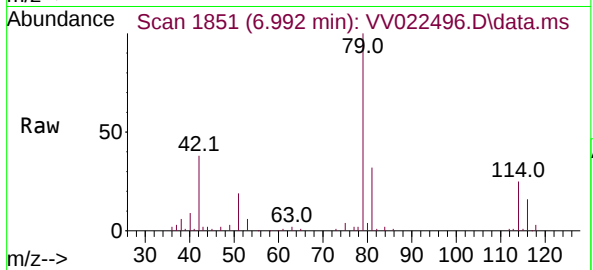


#39

cis-1,3-Dichloropropene
Concen: 0.726 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Instrument :
MSVOA_V
ClientSampled :
C0AJ3

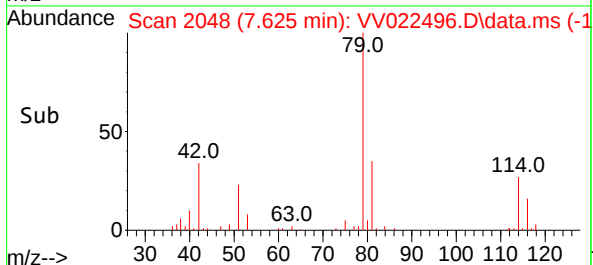
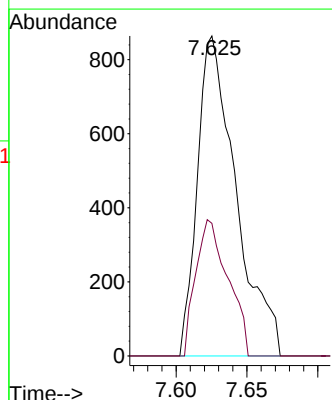
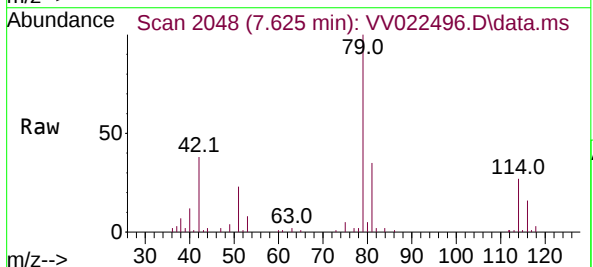
Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
77 53.8 21.6 40.2#

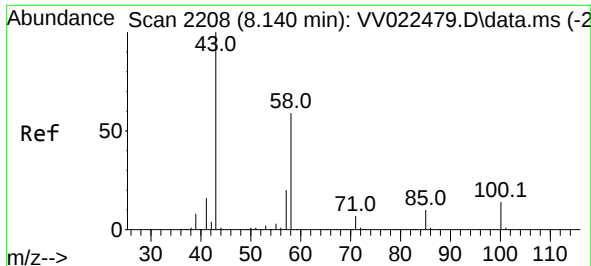


#44

trans-1,3-Dichloropropene
Concen: 0.640 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Tgt Ion: 75 Resp: 1639
Ion Ratio Lower Upper
75 100
77 41.4 22.0 40.8#

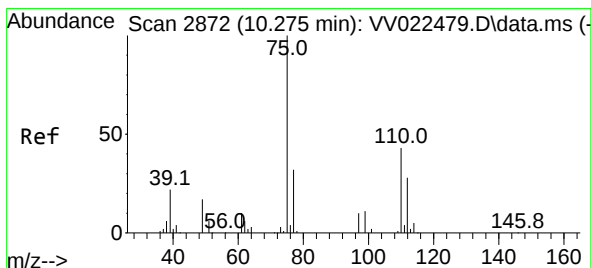
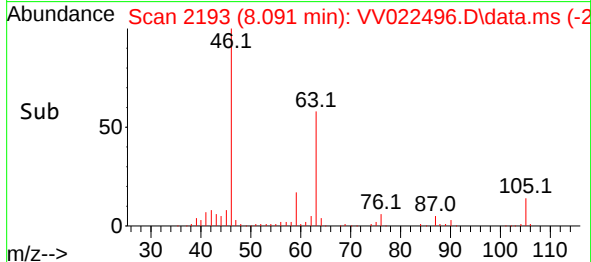
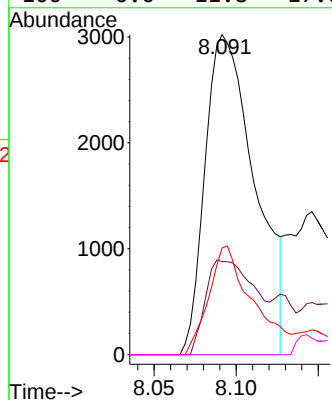
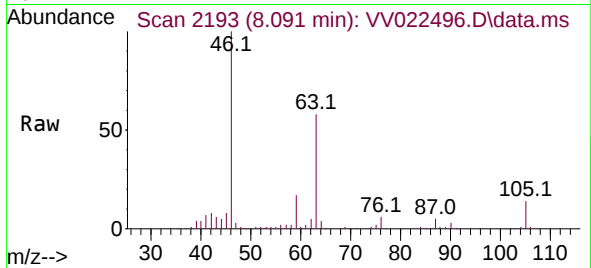




#48
2-Hexanone
Concen: 3.369 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Instrument :
MSVOA_V
ClientSampled :
C0AJ3

Tgt Ion: 43	Resp: 6402
Ion Ratio	Lower Upper
43 100	
58 29.8	47.0 70.4#
57 29.9	15.8 23.6#
100 0.0	11.8 17.6#



#61
1,2,3-Trichloropropane
Concen: 5.647 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Tgt Ion: 75	Resp: 11077		
Ion Ratio	Lower	Upper	
75 100			
77 35.2	26.0	39.0	
110 2.9	34.3	51.5#	

