

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022484.D
 Acq On : 02 Oct 2021 00:05
 Operator : SY/MD
 Sample : M4024-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH2

Quant Time: Oct 02 01:39:00 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)

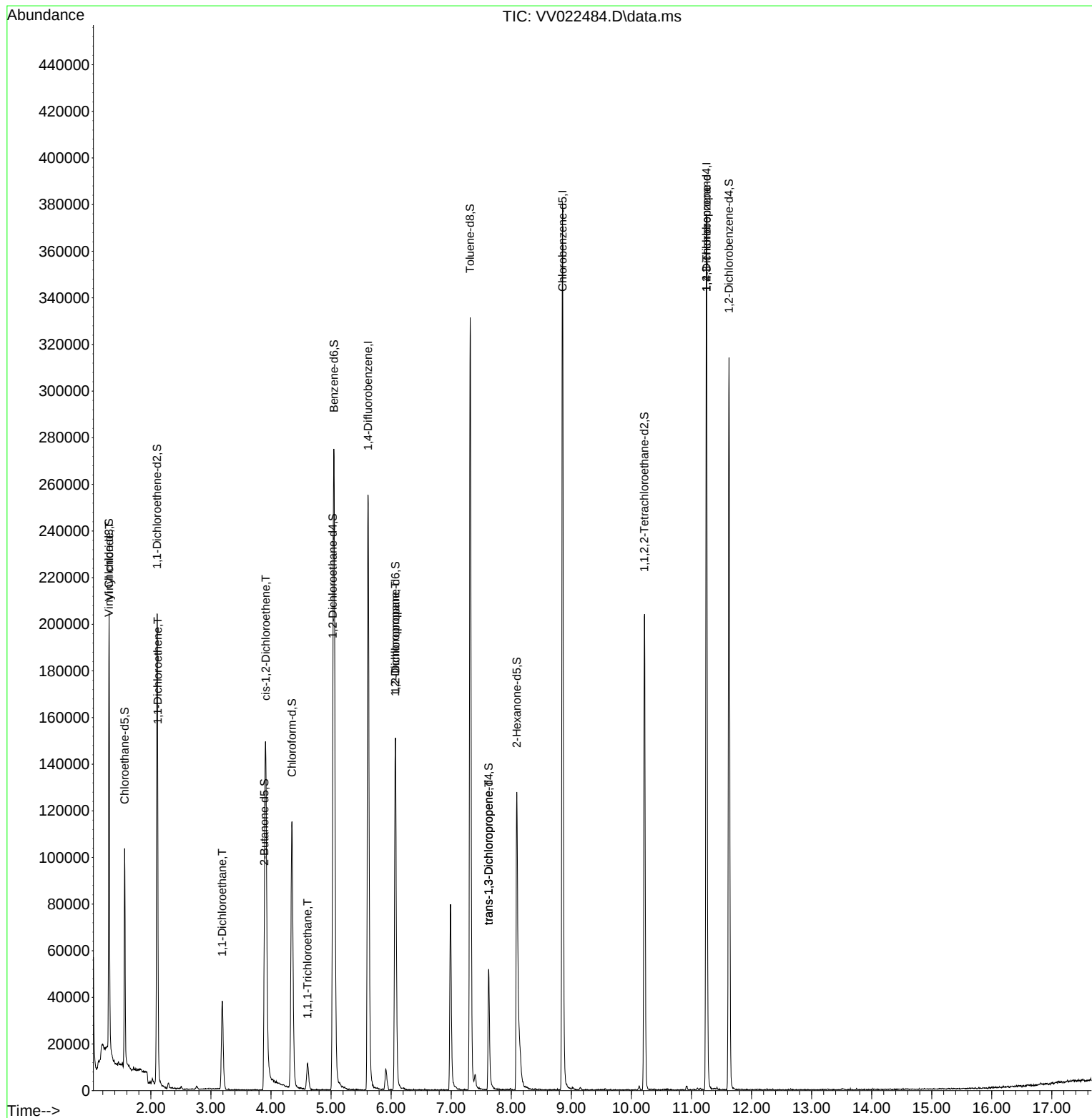
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	228635	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	215605	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101081	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70294	49.712	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.420%		
7) Chloroethane-d5	1.564	69	55481	49.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.840%		
11) 1,1-Dichloroethene-d2	2.105	63	102467	36.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.500%		
21) 2-Butanone-d5	3.889	46	67392	86.584	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.580%		
24) Chloroform-d	4.349	84	118069	45.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.400%		
26) 1,2-Dichloroethane-d4	5.031	65	72542	48.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
32) Benzene-d6	5.050	84	246653	49.381	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.760%		
36) 1,2-Dichloropropane-d6	6.072	67	75224	48.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.840%		
41) Toluene-d8	7.317	98	219112	47.823	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
43) trans-1,3-Dichloroprop...	7.625	79	30746	42.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.520%		
47) 2-Hexanone-d5	8.091	63	52801	82.892	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.890%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	97479	45.590	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.180%		
66) 1,2-Dichlorobenzene-d4	11.625	152	84780	51.432	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.860%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	50300	23.338	ug/L	96
12) 1,1-Dichloroethene	2.114	96	6046	3.786	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	37702	12.154	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	76747	41.090	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	8557	3.177	ug/L	97
37) 1,2-Dichloropropane	6.069	63	8275	4.855	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1439	0.583	ug/L #	76
61) 1,2,3-Trichloropropane	11.249	75	10906	5.673	ug/L #	64

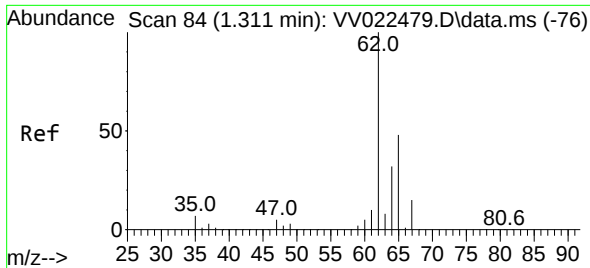
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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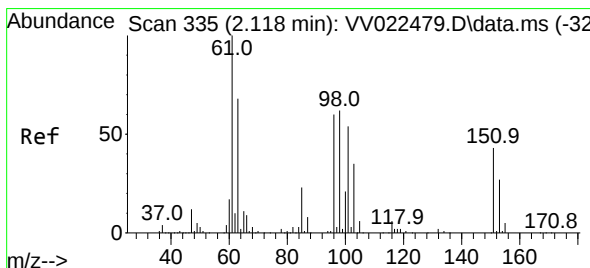
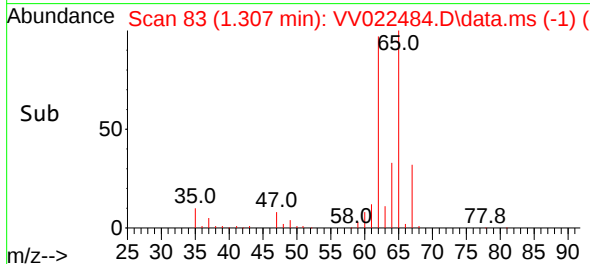
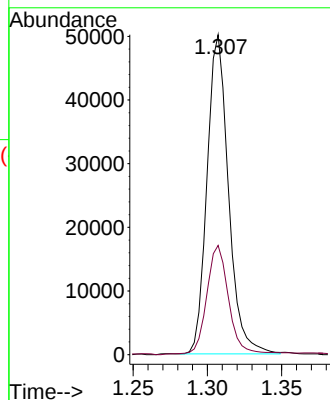
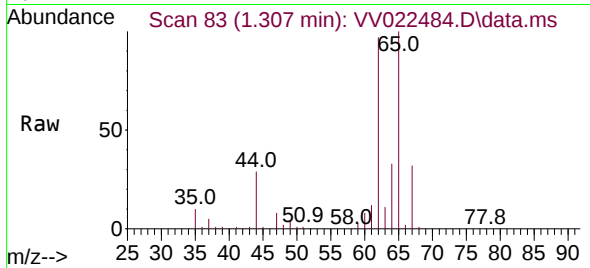




#5
 Vinyl chloride
 Concen: 23.338 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022484.D
 Acq: 02 Oct 2021 00:05

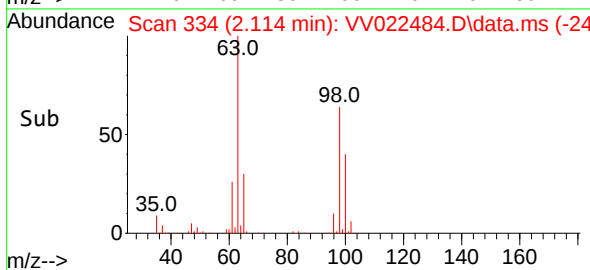
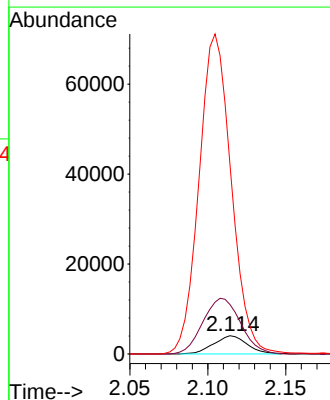
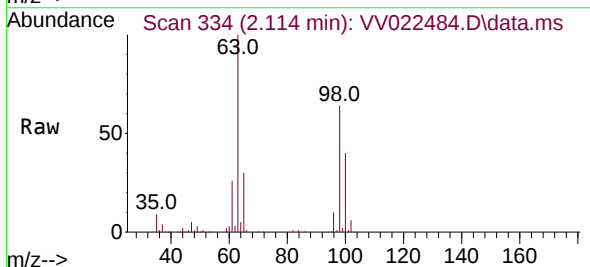
Instrument :
 MSVOA_V
 ClientSampled :
 C0AH2

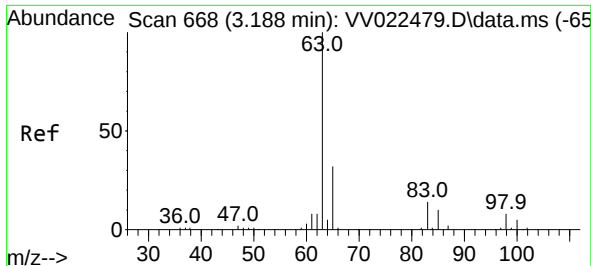
Tgt Ion: 62 Resp: 50300
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 3.786 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV022484.D
 Acq: 02 Oct 2021 00:05

Tgt Ion: 96 Resp: 6046
 Ion Ratio Lower Upper
 96 100
 61 272.1 118.0 219.2#
 63 1042.3 86.4 160.4#





#19

1,1-Dichloroethane

Concen: 12.154 ug/L

RT: 3.188 min Scan# 668

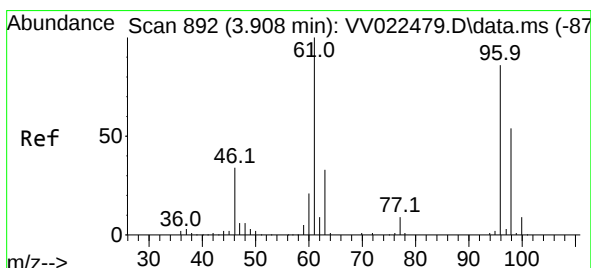
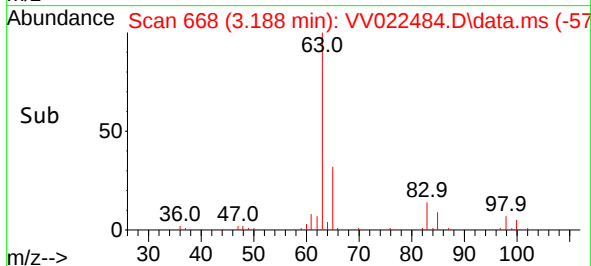
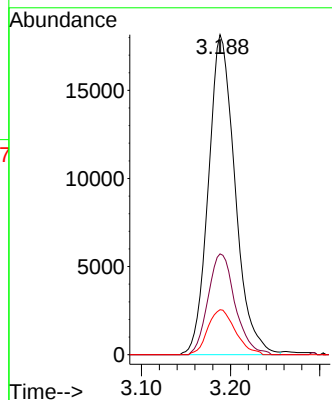
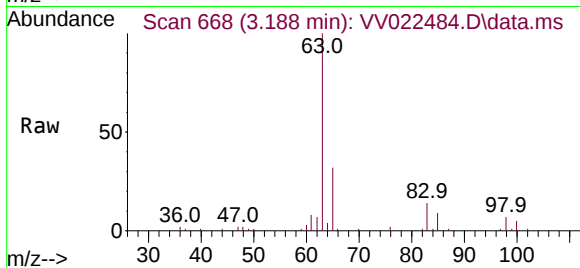
Delta R.T. -0.000 min

Lab File: VV022484.D

Acq: 02 Oct 2021 00:05

Tgt Ion:	63	Resp:	37702
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	42.5
83	14.0	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
C0AH2



#20

cis-1,2-Dichloroethene

Concen: 41.090 ug/L

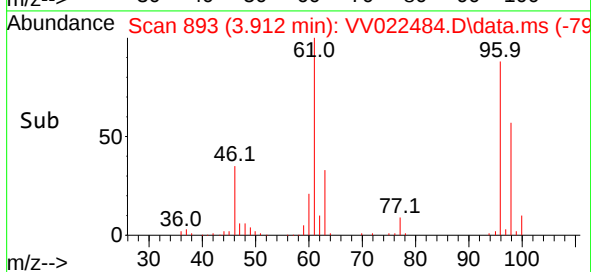
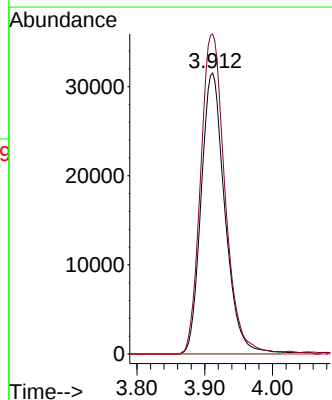
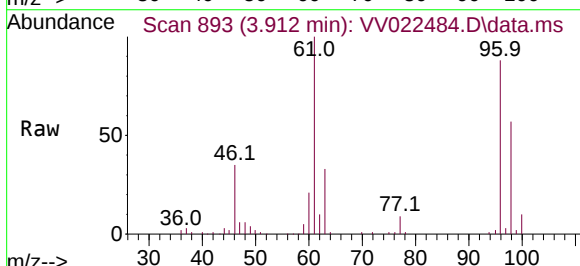
RT: 3.912 min Scan# 893

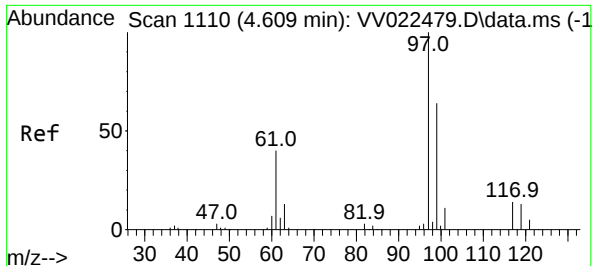
Delta R.T. 0.003 min

Lab File: VV022484.D

Acq: 02 Oct 2021 00:05

Tgt Ion:	96	Resp:	76747
Ion	Ratio	Lower	Upper
96	100		
61	113.9	81.9	152.1
68	0.0	0.0	0.0

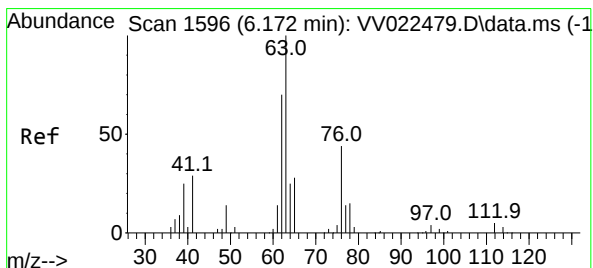
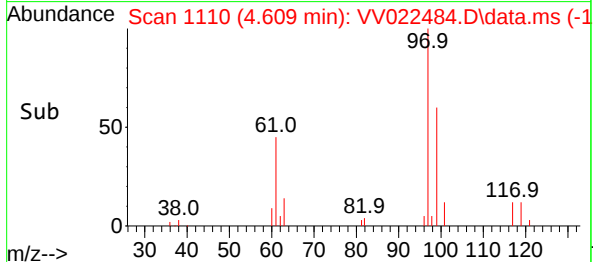
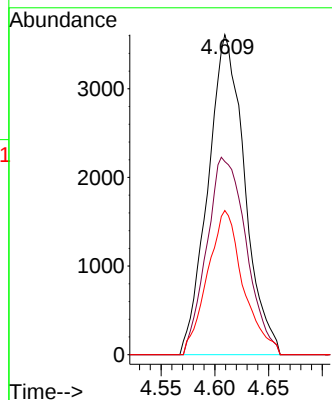
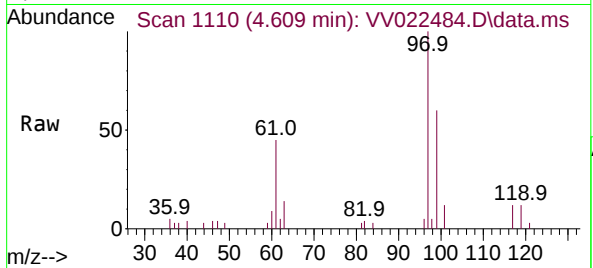




#30
1,1,1-Trichloroethane
Concen: 3.177 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022484.D
Acq: 02 Oct 2021 00:05

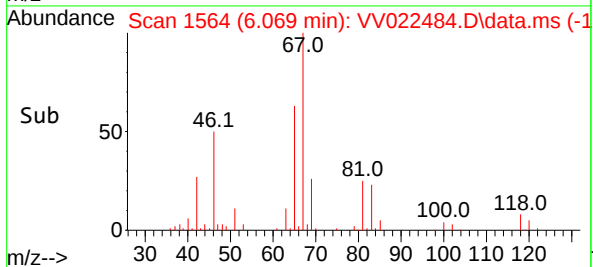
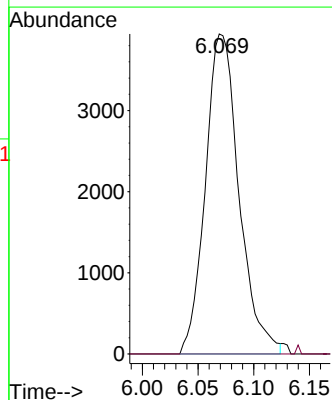
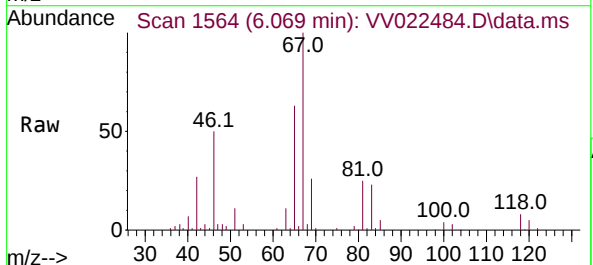
Instrument :
MSVOA_V
ClientSampled :
C0AH2

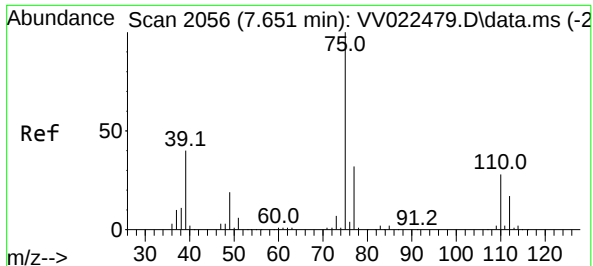
Tgt Ion: 97	Resp: 8557
Ion Ratio	Lower Upper
97 100	
99 66.3	51.7 77.5
61 44.1	32.9 49.3



#37
1,2-Dichloropropane
Concen: 4.855 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022484.D
Acq: 02 Oct 2021 00:05

Tgt Ion: 63	Resp: 8275
Ion Ratio	Lower Upper
63 100	
112 0.0	4.1 6.1#

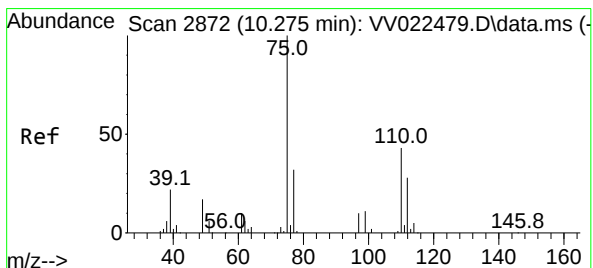
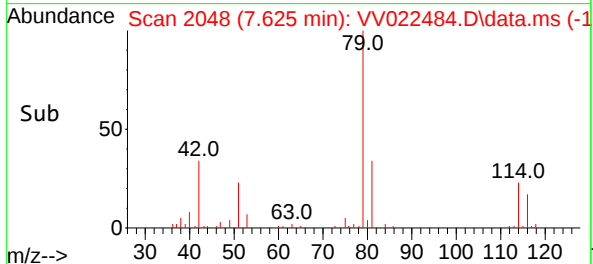
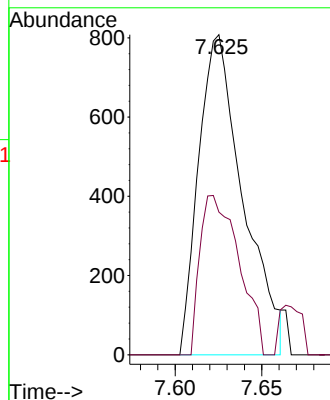
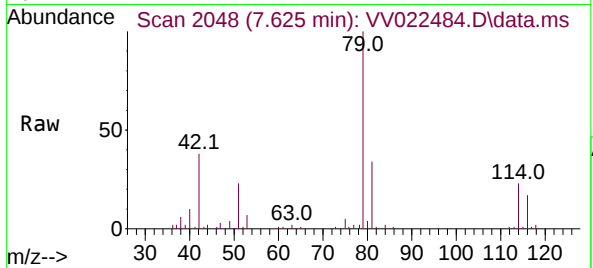




#44
trans-1,3-Dichloropropene
Concen: 0.583 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022484.D
Acq: 02 Oct 2021 00:05

Instrument :
MSVOA_V
ClientSampled :
C0AH2

Tgt Ion: 75 Resp: 1439
Ion Ratio Lower Upper
75 100
77 44.6 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 5.673 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022484.D
Acq: 02 Oct 2021 00:05

Tgt Ion: 75 Resp: 10906
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 2.7 34.3 51.5#

