

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020825.D
 Acq On : 01 Apr 2021 13:05
 Operator : SY/MD
 Sample : M1880-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:17:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

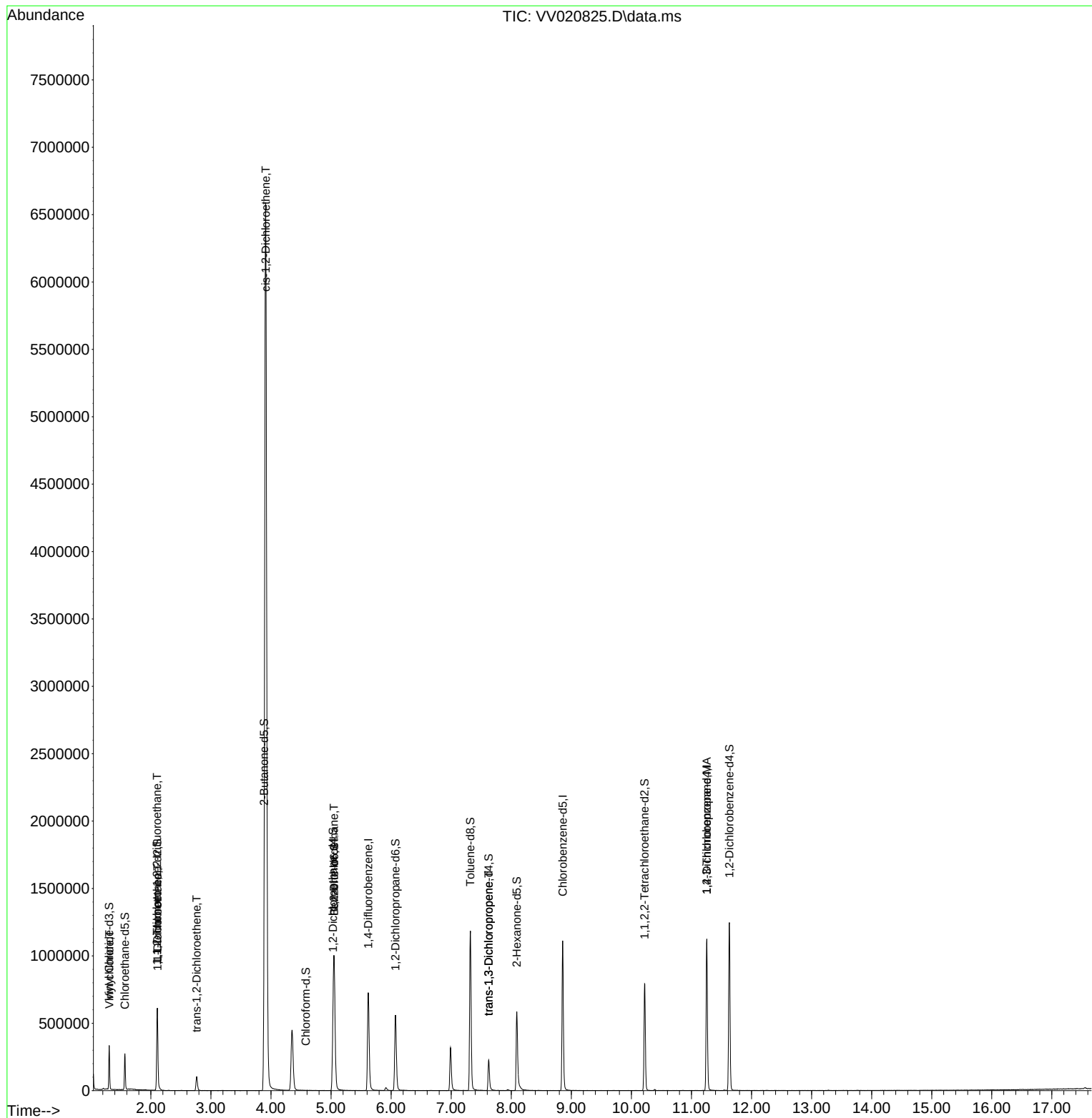
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	624601	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	596660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	297791	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	184078	41.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.02%		
7) Chloroethane-d5	1.568	69	154430	46.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.12%		
11) 1,1-Dichloroethene-d2	2.108	63	313387	37.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.92%		
21) 2-Butanone-d5	3.886	46	284952	98.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.77%		
24) Chloroform-d	4.580	84	389	0.04	ug/L	0.23
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.08%#		
26) 1,2-Dichloroethane-d4	5.034	65	319958	55.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.22%		
32) Benzene-d6	5.053	84	854645	53.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.48%		
36) 1,2-Dichloropropane-d6	6.072	67	252579	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.46%		
41) Toluene-d8	7.320	98	782925	52.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.78%		
43) trans-1,3-Dichloroprop...	7.625	79	128056	49.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.58%		
47) 2-Hexanone-d5	8.091	63	201160	98.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.27%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	348401	48.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.96%		
64) 1,2-Dichlorobenzene-d4	11.632	152	327934	56.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.48%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	12135	2.54	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2882	0.74	ug/L #	18
12) 1,1-Dichloroethene	2.111	96	5309	1.46	ug/L #	1
17) trans-1,2-Dichloroethene	2.761	96	38134	9.12	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	3626226	810.85	ug/L	96
27) 1,2-Dichloroethane	5.050	62	5522	0.84	ug/L	95
44) trans-1,3-Dichloropropene	7.625	75	6562	0.98	ug/L	84
59) 1,2,3-Trichloropropane	11.255	75	28940	5.14	ug/L	94

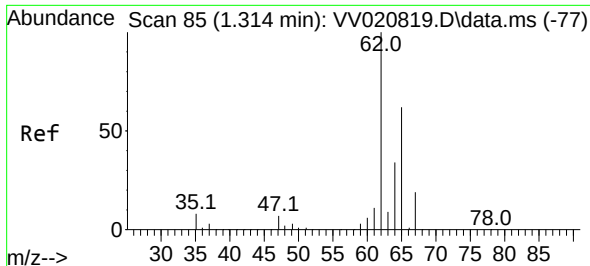
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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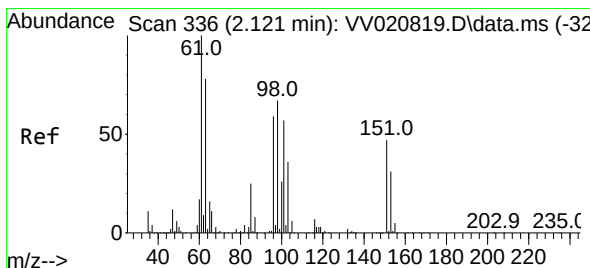
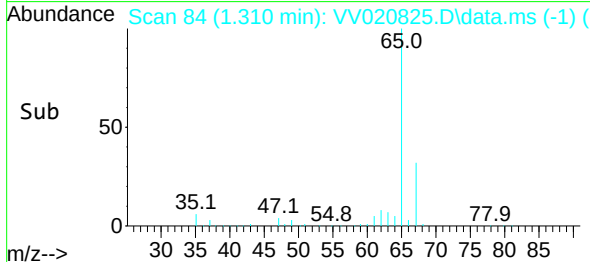
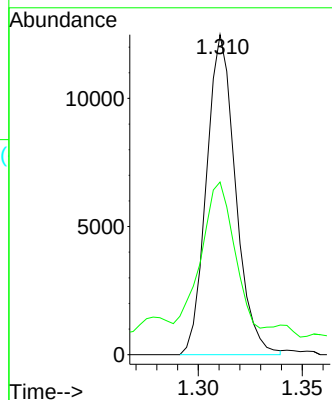
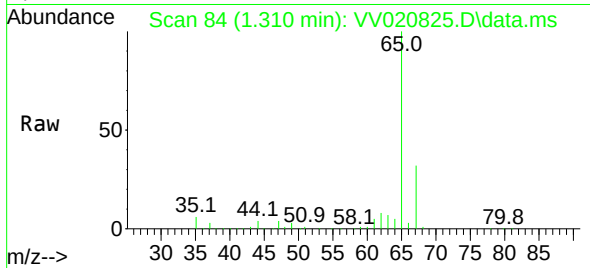




#5
 Vinyl chloride
 Concen: 2.54 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020825.D
 Acq: 01 Apr 2021 13:05

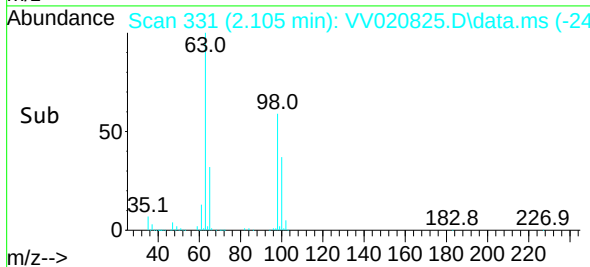
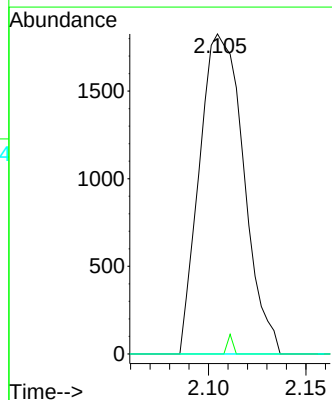
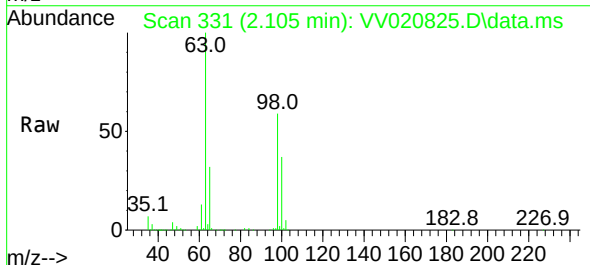
Instrument :
 MSVOA_V
 ClientSampled :

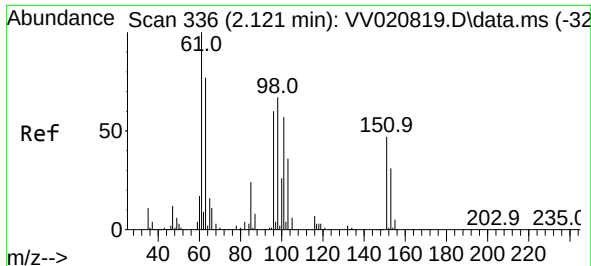
Tgt Ion: 62 Resp: 12135
 Ion Ratio Lower Upper
 62 100
 64 53.9 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.74 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.016 min
 Lab File: VV020825.D
 Acq: 01 Apr 2021 13:05

Tgt Ion: 101 Resp: 2882
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 0.0 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 1.46 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.010 min

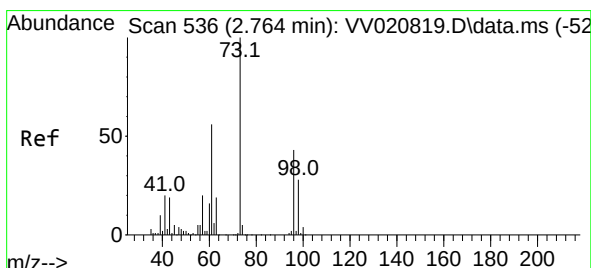
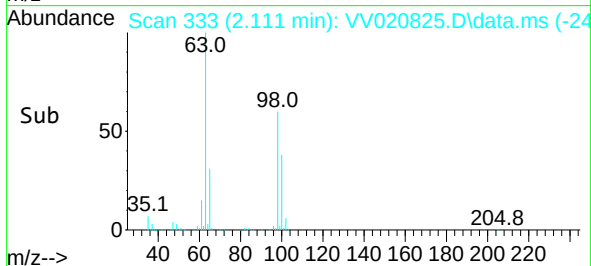
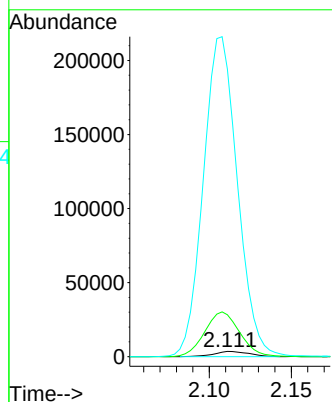
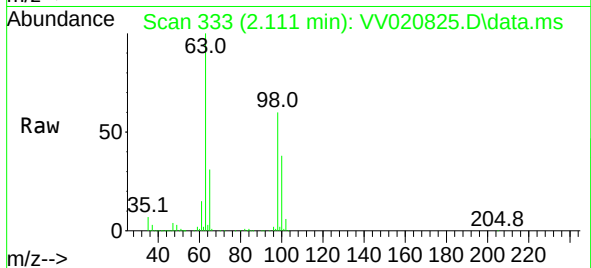
Lab File: VV020825.D

Acq: 01 Apr 2021 13:05

Tgt Ion: 96 Resp: 5309

Ion	Ratio	Lower	Upper
96	100		
61	795.5	126.3	234.6#
63	5463.6	100.2	186.2#

Instrument :
MSVOA_V
ClientSampled :



#17

trans-1,2-Dichloroethene

Concen: 9.12 ug/L

RT: 2.761 min Scan# 535

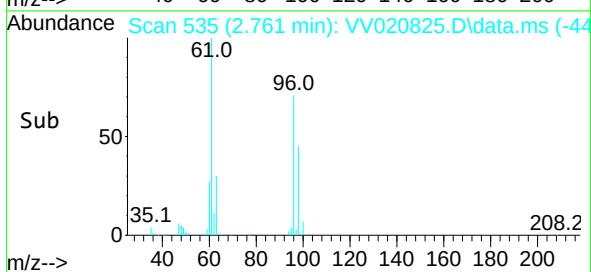
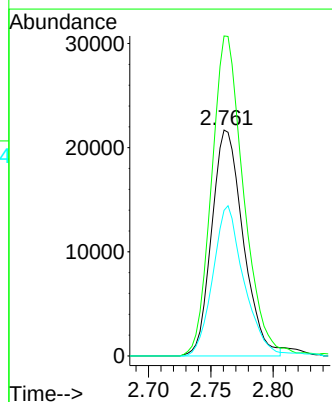
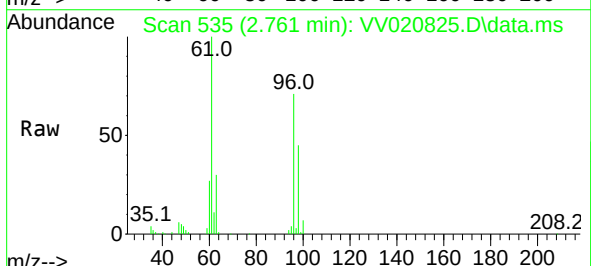
Delta R.T. -0.003 min

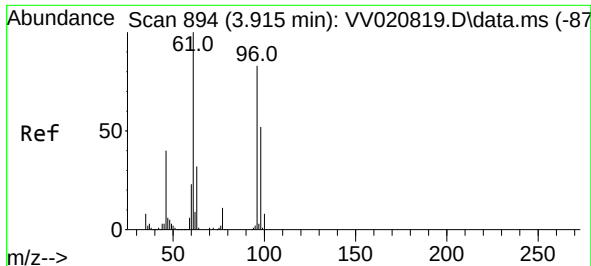
Lab File: VV020825.D

Acq: 01 Apr 2021 13:05

Tgt Ion: 96 Resp: 38134

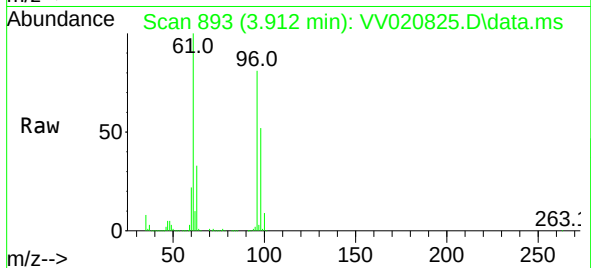
Ion	Ratio	Lower	Upper
96	100		
61	141.6	97.9	181.9
98	64.4	43.9	81.5





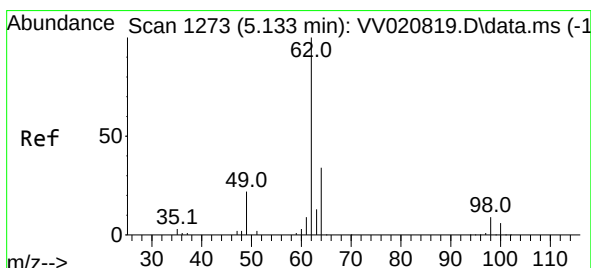
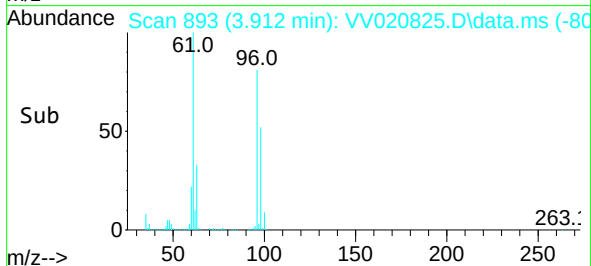
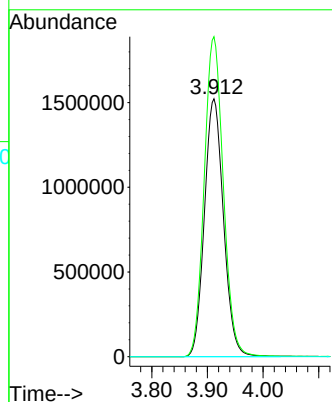
#20
 cis-1,2-Dichloroethene
 Concen: 810.85 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV020825.D
 Acq: 01 Apr 2021 13:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 3626226

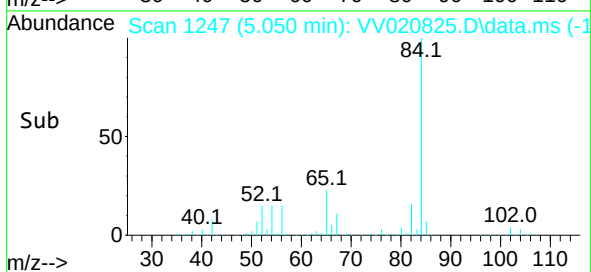
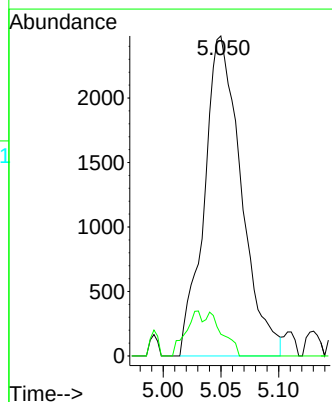
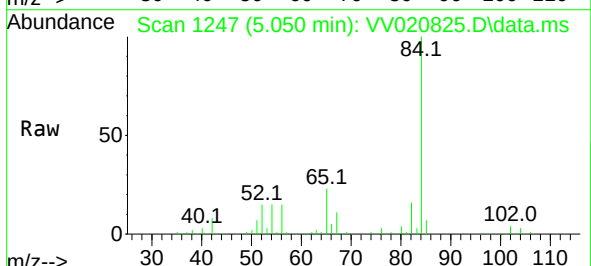
Ion	Ratio	Lower	Upper
96	100		
61	124.1	89.9	167.0
68	0.0	0.0	0.0

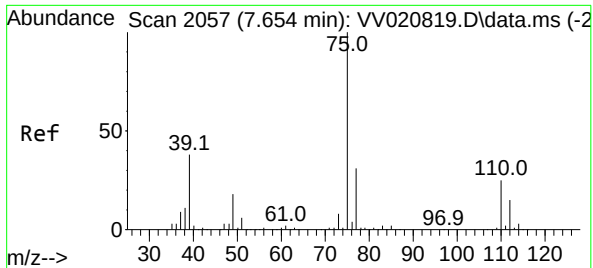


#27
 1,2-Dichloroethane
 Concen: 0.84 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.083 min
 Lab File: VV020825.D
 Acq: 01 Apr 2021 13:05

Tgt Ion: 62 Resp: 5522

Ion	Ratio	Lower	Upper
62	100		
98	6.8	6.8	10.2

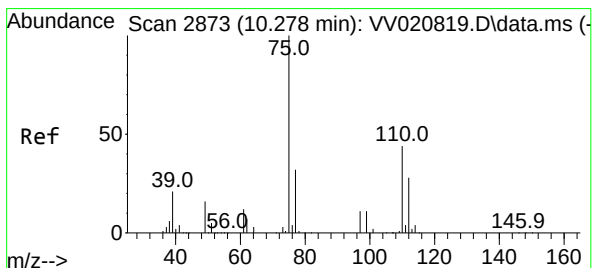
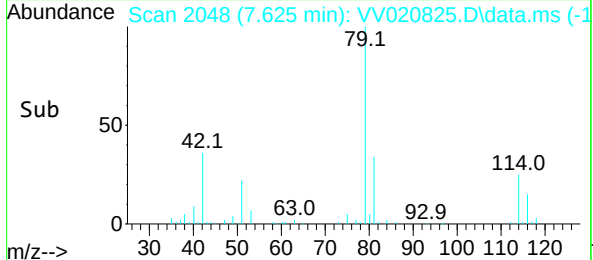
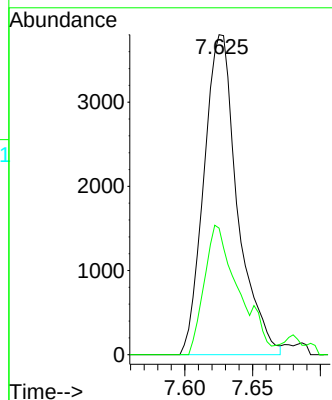
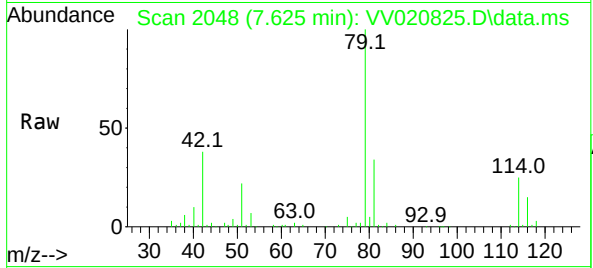




#44
trans-1,3-Dichloropropene
Concen: 0.98 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.029 min
Lab File: VV020825.D
Acq: 01 Apr 2021 13:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 6562
Ion Ratio Lower Upper
75 100
77 39.6 21.6 40.0



#59
1,2,3-Trichloropropane
Concen: 5.14 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020825.D
Acq: 01 Apr 2021 13:05

Tgt Ion: 75 Resp: 28940
Ion Ratio Lower Upper
75 100
77 34.8 25.3 37.9

