

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042621\
 Data File : VV021156.D
 Acq On : 26 Apr 2021 20:44
 Operator : SY/MD
 Sample : M2165-08ME 4X
 Misc : 5.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 04:20:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

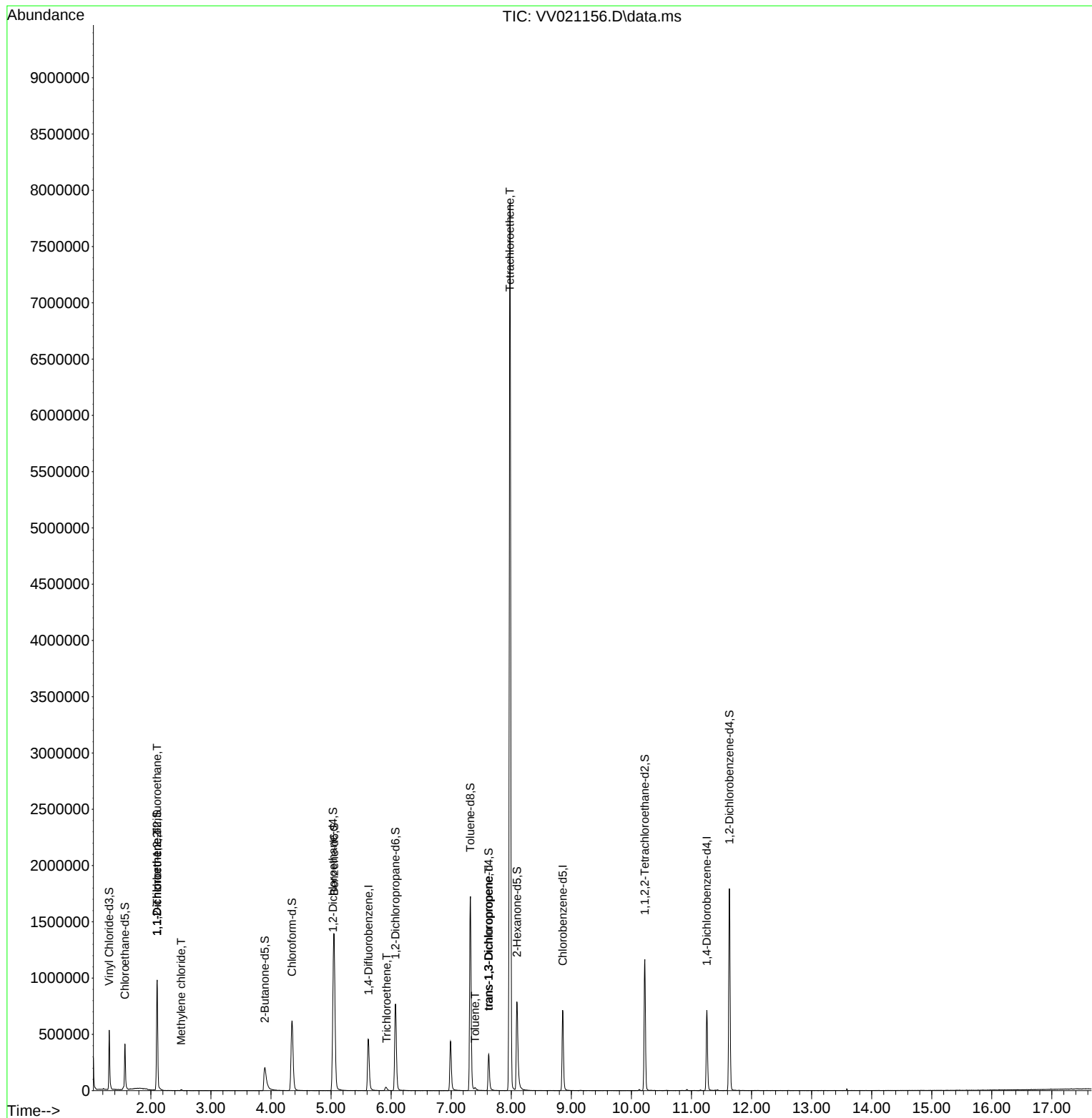
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	413399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	409105	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	192609	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	357997	105.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 210.78%#			
7) Chloroethane-d5	1.568	69	269579	107.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 215.76%#			
11) 1,1-Dichloroethene-d2	2.104	63	501643	80.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 160.14%#			
21) 2-Butanone-d5	3.899	46	393267	237.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 237.08%#			
24) Chloroform-d	4.349	84	639933	105.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 211.34%#			
26) 1,2-Dichloroethane-d4	5.034	65	434006	112.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 225.48%#			
32) Benzene-d6	5.053	84	1209679	111.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 222.06%#			
36) 1,2-Dichloropropane-d6	6.072	67	361608	111.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 222.38%#			
41) Toluene-d8	7.320	98	1140234	108.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 216.26%#			
43) trans-1,3-Dichloroprop...	7.625	79	186334	104.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 209.68%#			
47) 2-Hexanone-d5	8.095	63	326926	253.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 253.45%#			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	517362	105.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 210.94%#			
66) 1,2-Dichlorobenzene-d4	11.631	152	471460	123.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 247.82%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	4515	1.39	ug/L #	19
12) 1,1-Dichloroethene	2.104	96	4391	1.49	ug/L #	1
16) Methylene chloride	2.506	84	3489	1.13	ug/L	95
34) Trichloroethene	5.924	95	4210	1.33	ug/L #	76
42) Toluene	7.397	91	16013	1.28	ug/L	95
44) trans-1,3-Dichloropropene	7.622	75	8562	1.81	ug/L	97
46) Tetrachloroethene	7.979	164	1730699	613.06	ug/L	97

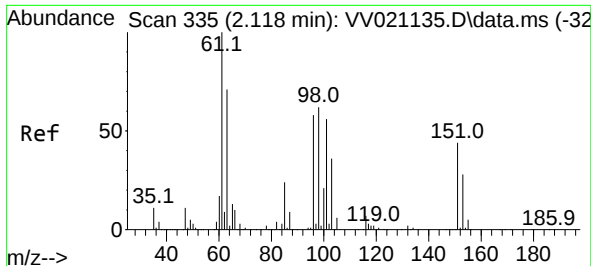
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 27 04:20:07 2021
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Quant Title : VOC Analysis
QLast Update : Tue Apr 27 04:16:04 2021
Response via : Initial Calibration

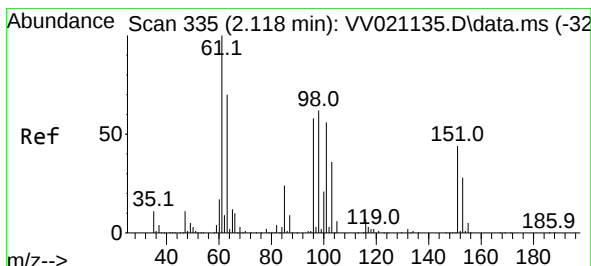
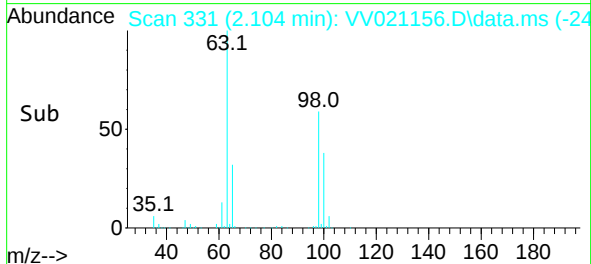
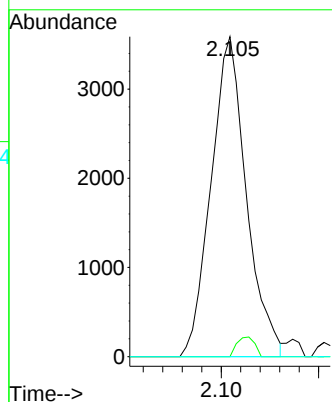
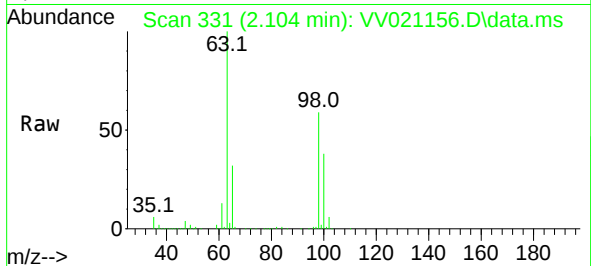




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.39 ug/L
 RT: 2.104 min Scan# 331
 Delta R.T. -0.013 min
 Lab File: VV021156.D
 Acq: 26 Apr 2021 20:44

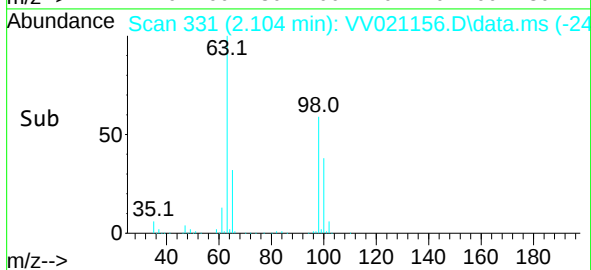
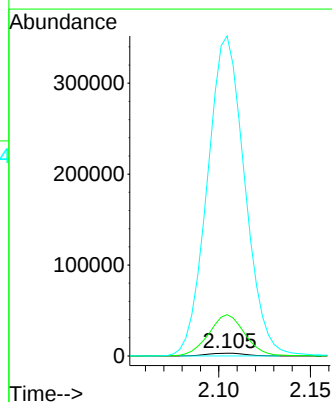
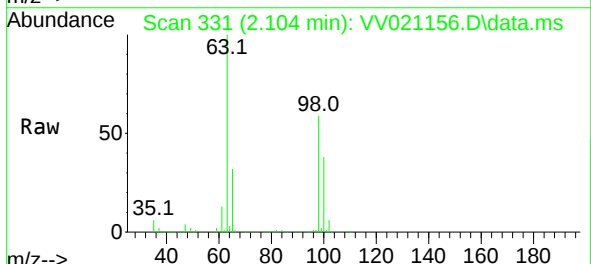
Instrument :
 MSVOA_V
 ClientSampled :

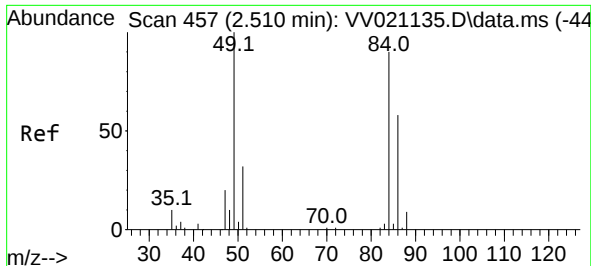
Tgt Ion:101 Resp: 4515
 Ion Ratio Lower Upper
 101 100
 85 3.1 35.4 53.2#
 151 0.0 63.9 95.9#



#12
 1,1-Dichloroethene
 Concen: 1.49 ug/L
 RT: 2.104 min Scan# 331
 Delta R.T. -0.013 min
 Lab File: VV021156.D
 Acq: 26 Apr 2021 20:44

Tgt Ion: 96 Resp: 4391
 Ion Ratio Lower Upper
 96 100
 61 1516.1 121.4 225.6#
 63 11760.8 98.1 182.1#

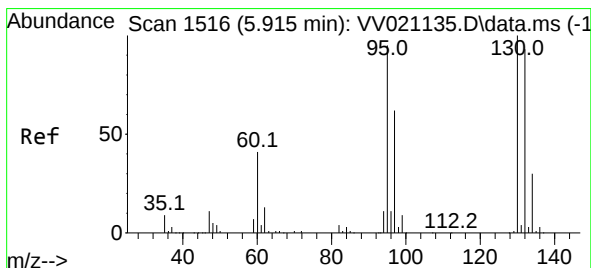
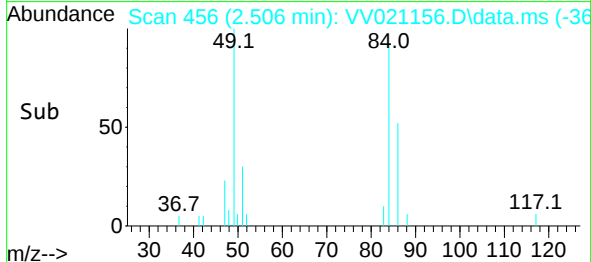
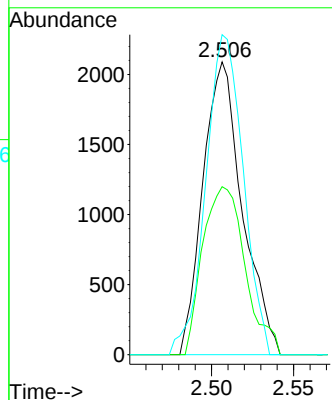
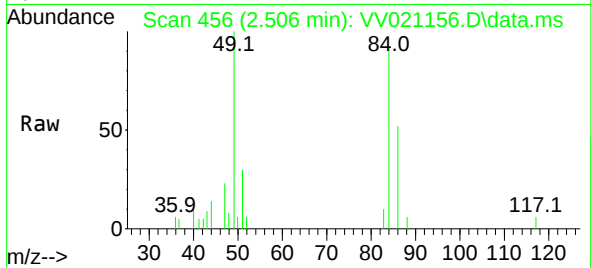




#16
Methylene chloride
Concen: 1.13 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV021156.D
Acq: 26 Apr 2021 20:44

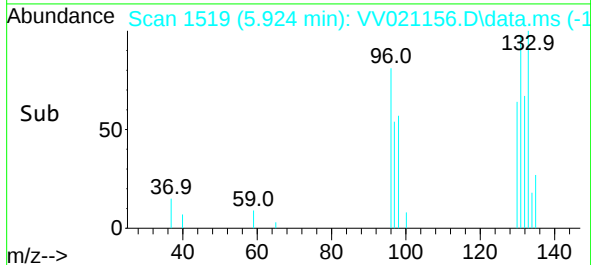
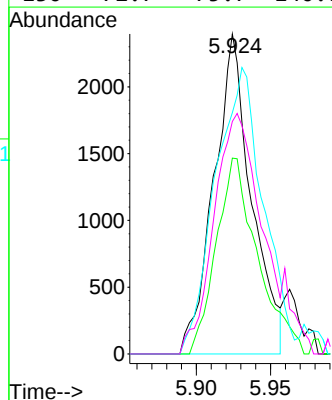
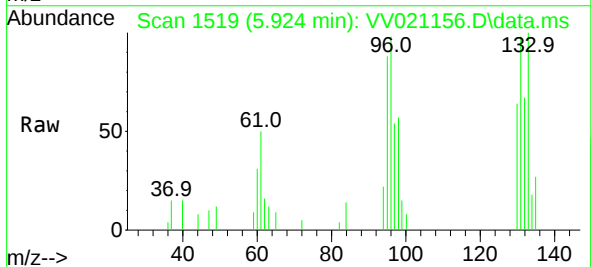
Instrument :
MSVOA_V
ClientSampleId :

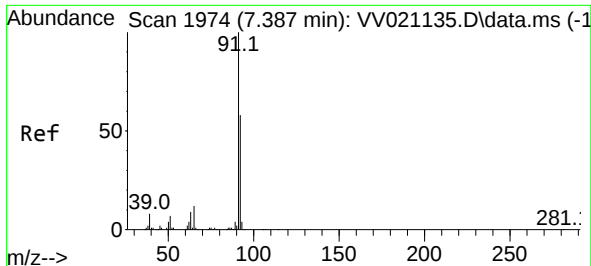
Tgt Ion: 84 Resp: 3489
Ion Ratio Lower Upper
84 100
86 57.4 44.9 83.5
49 109.3 78.1 145.1



#34
Trichloroethene
Concen: 1.33 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV021156.D
Acq: 26 Apr 2021 20:44

Tgt Ion: 95 Resp: 4210
Ion Ratio Lower Upper
95 100
97 61.2 45.5 84.5
132 75.4 71.0 131.8
130 72.7 75.7 140.7#

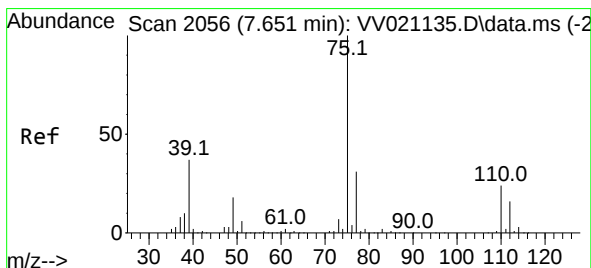
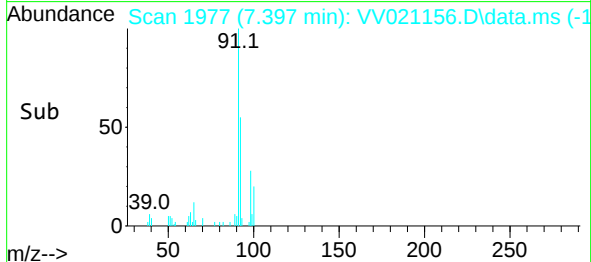
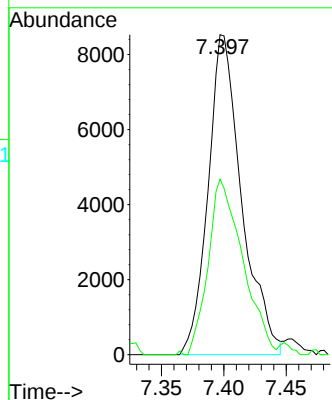
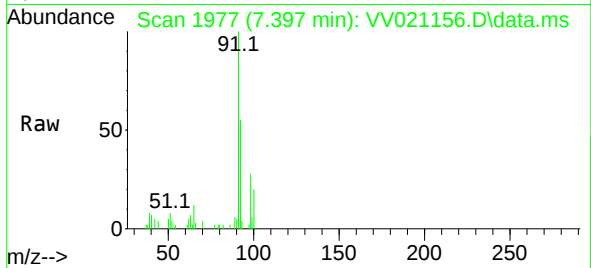




#42
Toluene
Concen: 1.28 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.009 min
Lab File: VV021156.D
Acq: 26 Apr 2021 20:44

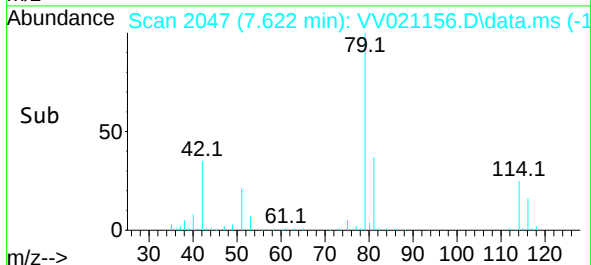
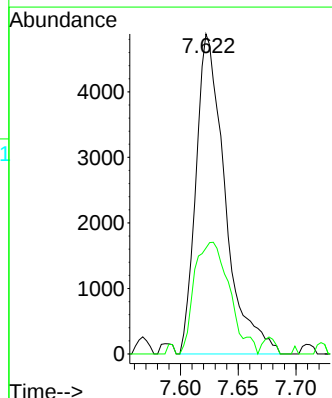
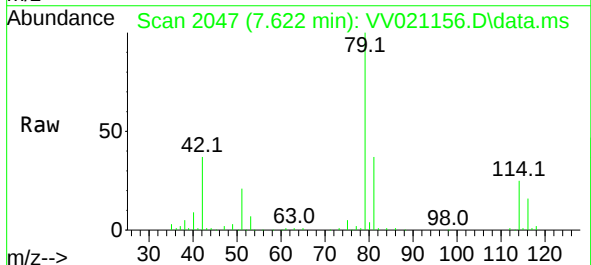
Instrument :
MSVOA_V
ClientSampled :

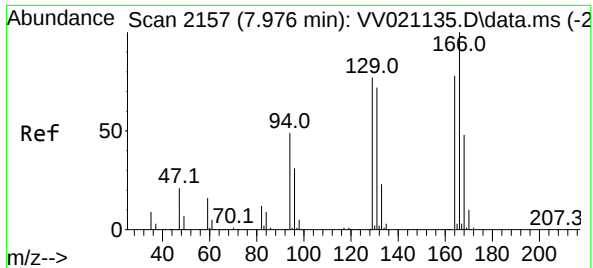
Tgt Ion: 91 Resp: 16013
Ion Ratio Lower Upper
91 100
92 54.8 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 1.81 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021156.D
Acq: 26 Apr 2021 20:44

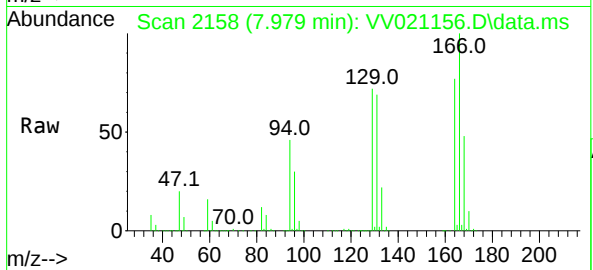
Tgt Ion: 75 Resp: 8562
Ion Ratio Lower Upper
75 100
77 33.1 21.8 40.6





#46
 Tetrachloroethene
 Concen: 613.06 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
 Lab File: VV021156.D
 Acq: 26 Apr 2021 20:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164 Resp: 1730699

Ion	Ratio	Lower	Upper
164	100		
129	93.1	63.8	118.4
131	89.2	59.3	110.1
166	129.3	87.7	162.9

