

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
 Data File : VV020046.D
 Acq On : 18 Jan 2021 16:18
 Operator : SY/MD
 Sample : M1147-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y7

Quant Time: Jan 19 02:50:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

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

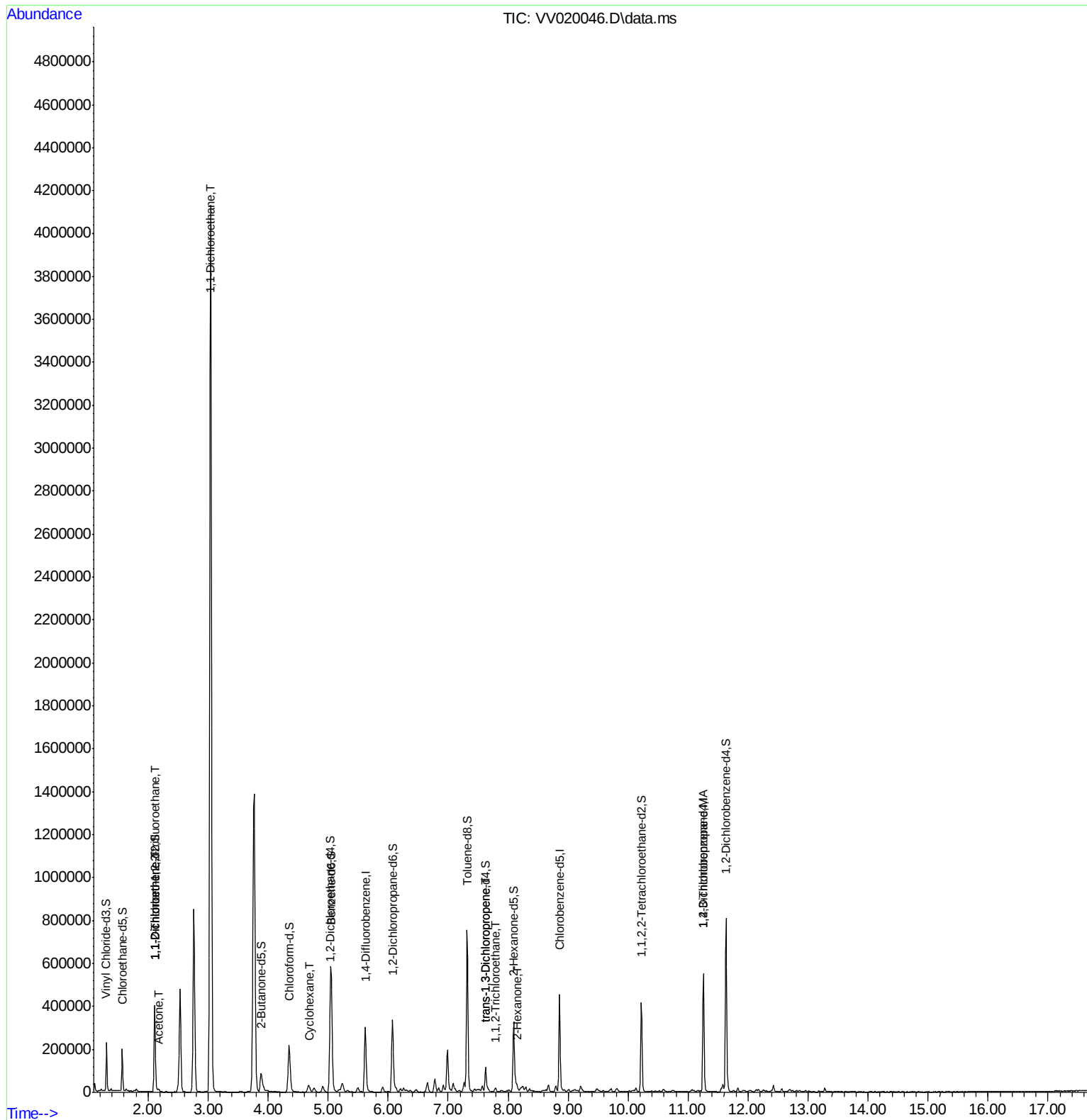
Internal Standards						
1) 1,4-Difluorobenzene	5.618	114	252883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	230421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	132635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	124536	58.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.76%			
7) Chloroethane-d5	1.566	69	117807	69.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 138.38%#			
11) 1,1-Dichloroethene-d2	2.110	63	214293	51.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.02%			
21) 2-Butanone-d5	3.881	46	148705	107.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.46%			
24) Chloroform-d	4.348	84	216365	56.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.62%			
26) 1,2-Dichloroethane-d4	5.032	65	175691	67.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.52%#			
32) Benzene-d6	5.052	84	486193	74.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 149.52%#			
36) 1,2-Dichloropropane-d6	6.071	67	151793	74.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 149.52%#			
41) Toluene-d8	7.318	98	468856	79.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 159.10%#			
43) trans-1,3-Dichloroprop...	7.624	79	61384	58.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.52%			
47) 2-Hexanone-d5	8.090	63	99254	121.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.93%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	181099	65.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 131.96%#			
64) 1,2-Dichlorobenzene-d4	11.630	152	192009	74.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 149.90%#			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1936	1.05	ug/L #	23
12) 1,1-Dichloroethene	2.110	96	1700	0.95	ug/L #	1
13) Acetone	2.177	43	14918	12.20	ug/L	99
19) 1,1-Dichloroethane	3.042	63	7626	2.23	ug/L #	1
29) Cyclohexane	4.682	56	11918	4.37	ug/L #	83
44) trans-1,3-Dichloropropene	7.624	75	3456	1.25	ug/L #	77
45) 1,1,2-Trichloroethane	7.788	97	6999	4.10	ug/L #	19
48) 2-Hexanone	8.145	43	13534	6.45	ug/L #	92
59) 1,2,3-Trichloropropane	11.254	75	16957	7.19	ug/L	96

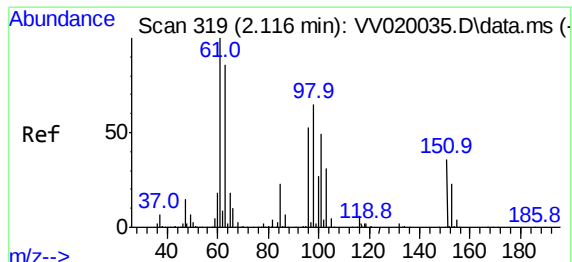
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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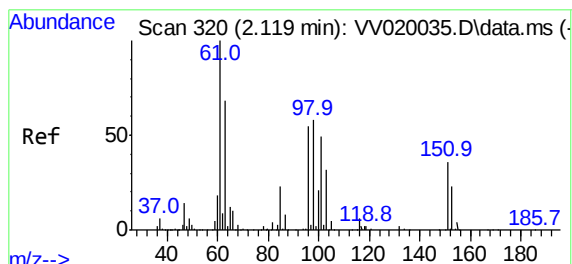
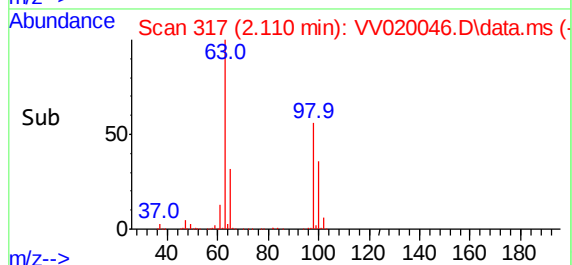
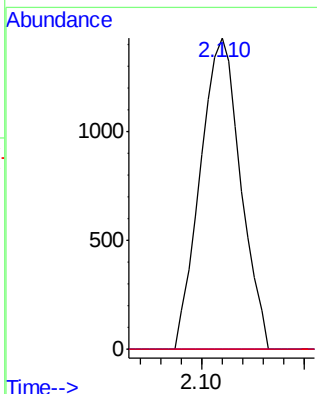
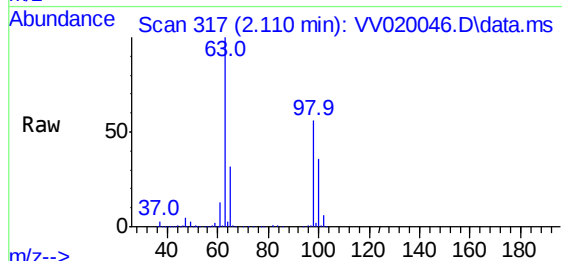




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.05 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV020046.D
 Acq: 18 Jan 2021 16:18

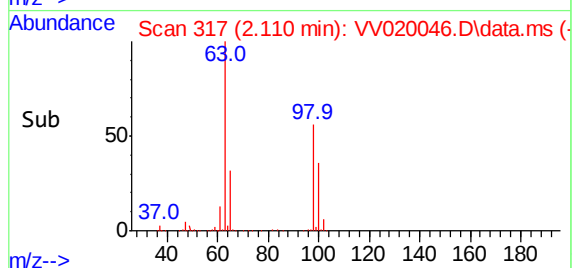
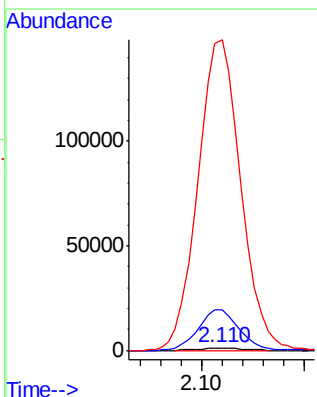
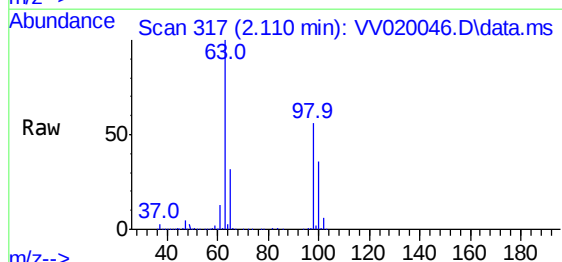
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y7

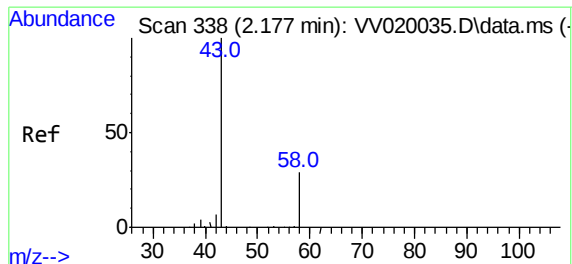
Tgt Ion:101 Resp: 1936
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 0.95 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020046.D
 Acq: 18 Jan 2021 16:18

Tgt Ion: 96 Resp: 1700
 Ion Ratio Lower Upper
 96 100
 61 1577.0 134.9 250.5#
 63 12210.5 117.6 218.4#

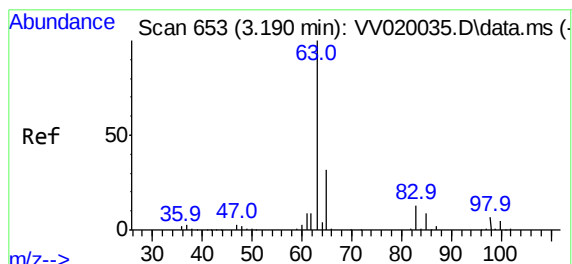
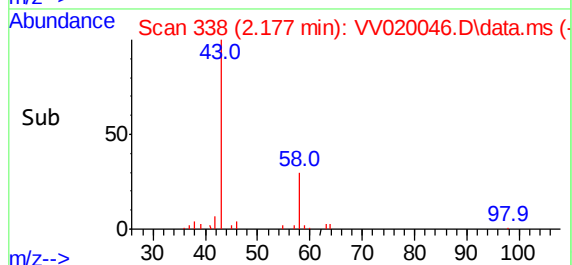
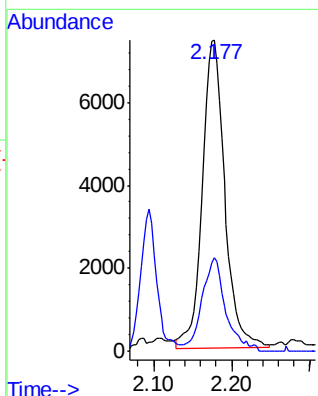
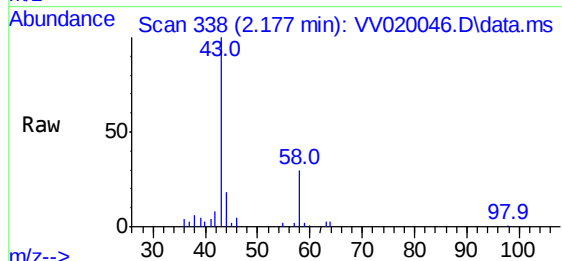




#13
Acetone
Concen: 12.20 ug/L
RT: 2.177 min Scan# 338
Delta R.T. 0.000 min
Lab File: VV020046.D
Acq: 18 Jan 2021 16:18

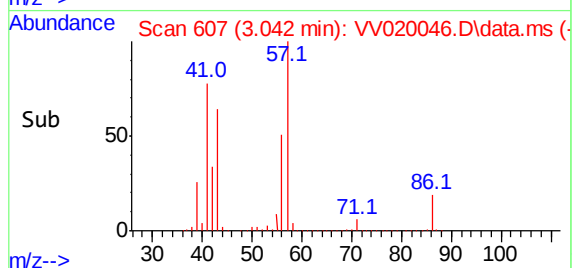
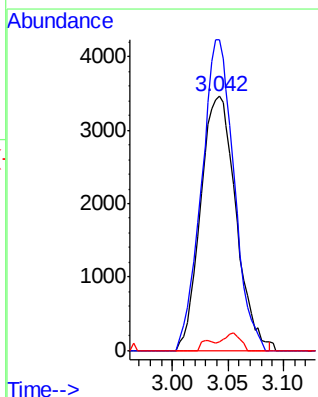
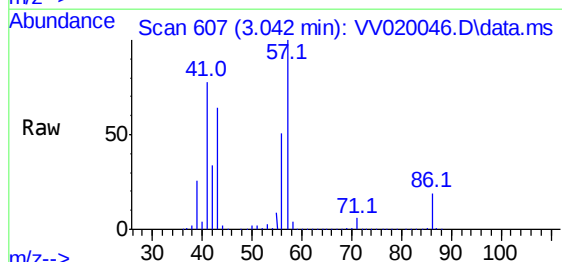
Instrument :
MSVOA_V
ClientSampled :
BG4Y7

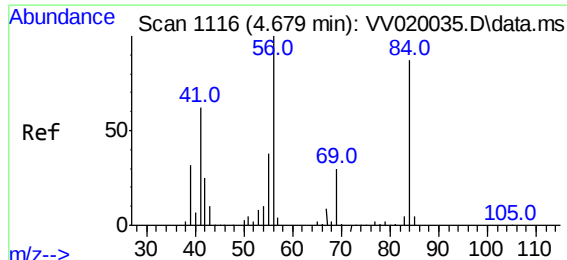
Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.2



#19
1,1-Dichloroethane
Concen: 2.23 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.148 min
Lab File: VV020046.D
Acq: 18 Jan 2021 16:18

Tgt Ion: 63 Resp: 7626
Ion Ratio Lower Upper
63 100
65 122.1 21.9 40.7#
83 3.3 9.5 17.7#





#29

Cyclohexane

Concen: 4.37 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.003 min

Lab File: VV020046.D

Acq: 18 Jan 2021 16:18

Instrument :

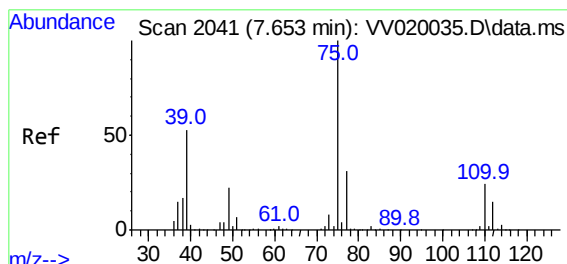
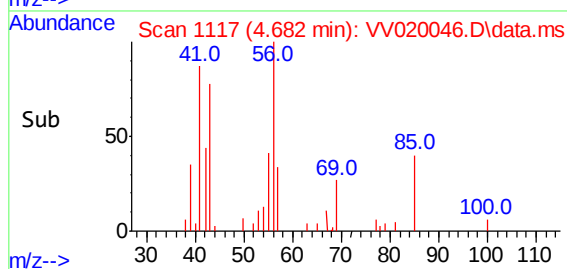
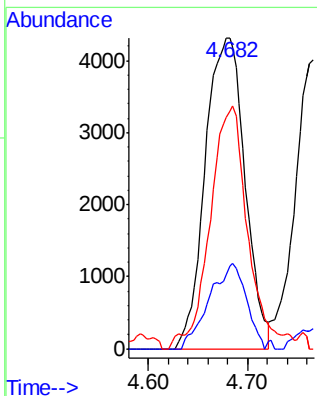
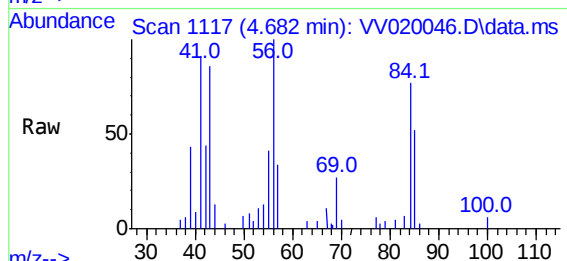
MSVOA_V

ClientSampleId :

BG4Y7

Tgt Ion: 56 Resp: 11918

Ion	Ratio	Lower	Upper
56	100		
69	14.1	24.2	36.2#
84	72.2	66.3	99.5



#44

trans-1,3-Dichloropropene

Concen: 1.25 ug/L

RT: 7.624 min Scan# 2032

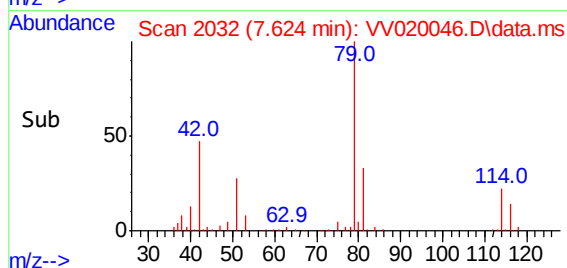
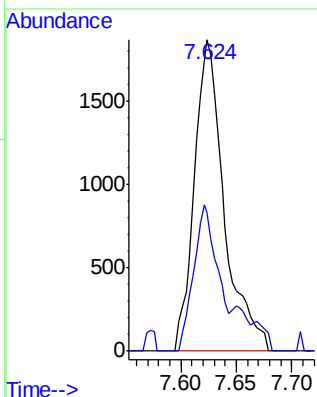
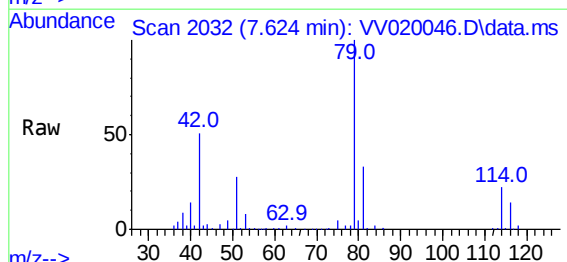
Delta R.T. -0.029 min

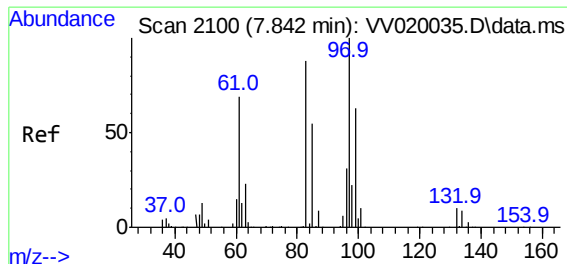
Lab File: VV020046.D

Acq: 18 Jan 2021 16:18

Tgt Ion: 75 Resp: 3456

Ion	Ratio	Lower	Upper
75	100		
77	44.3	22.0	41.0#



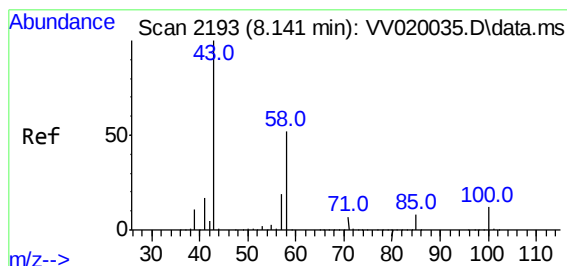
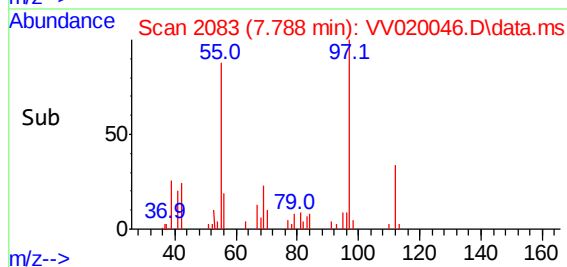
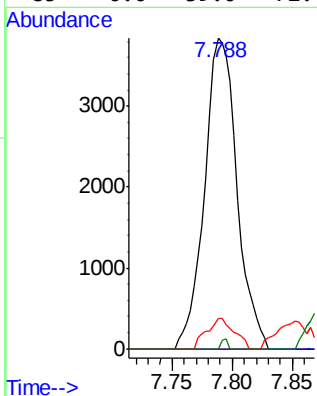
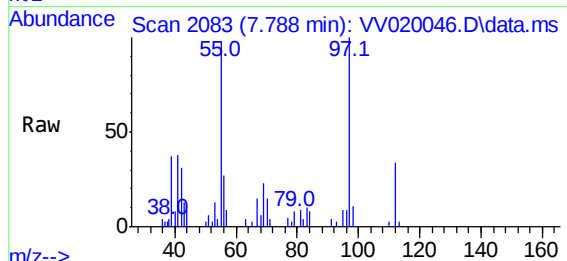


#45
1,1,2-Trichloroethane
Concen: 4.10 ug/L
RT: 7.788 min Scan# 2083
Delta R.T. -0.055 min
Lab File: VV020046.D
Acq: 18 Jan 2021 16:18

Instrument :
MSVOA_V
ClientSampled :
BG4Y7

Tgt Ion: 97 Resp: 6999

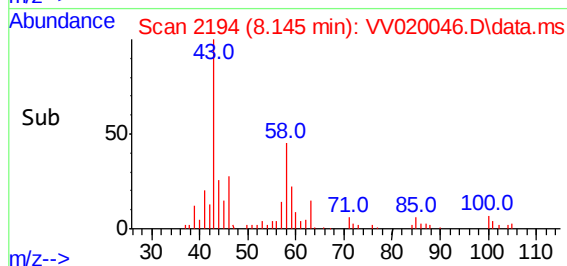
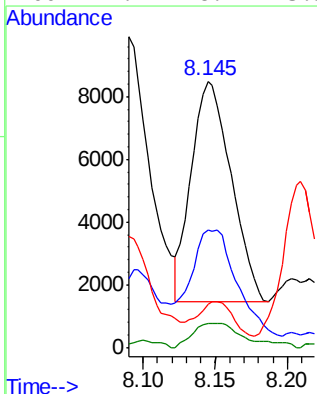
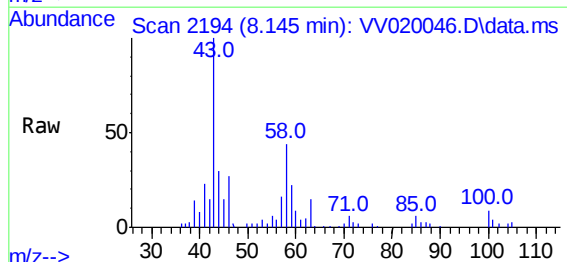
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	9.9	62.2	115.4#
85	0.0	39.0	72.4#

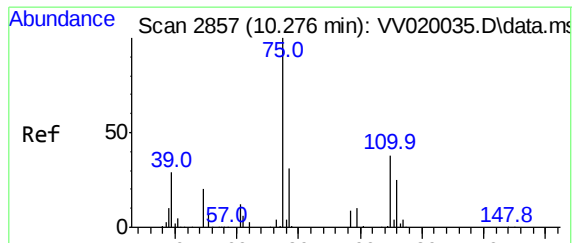


#48
2-Hexanone
Concen: 6.45 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020046.D
Acq: 18 Jan 2021 16:18

Tgt Ion: 43 Resp: 13534

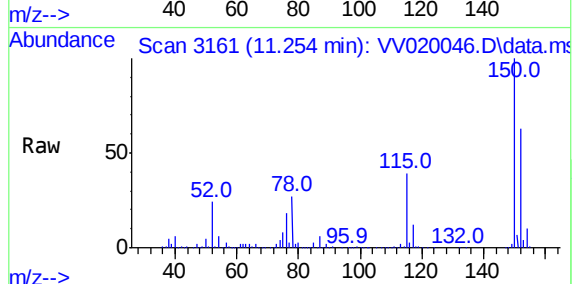
Ion	Ratio	Lower	Upper
43	100		
58	57.0	41.8	62.6
57	13.4	15.0	22.4#
100	12.9	8.9	13.3





#59
 1,2,3-Trichloropropane
 Concen: 7.19 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.978 min
 Lab File: VV020046.D
 Acq: 18 Jan 2021 16:18

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 16957
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0

