

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020025.D
 Acq On : 15 Jan 2021 15:35
 Operator : SY/MD
 Sample : M1147-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y4

Quant Time: Jan 16 04:46:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

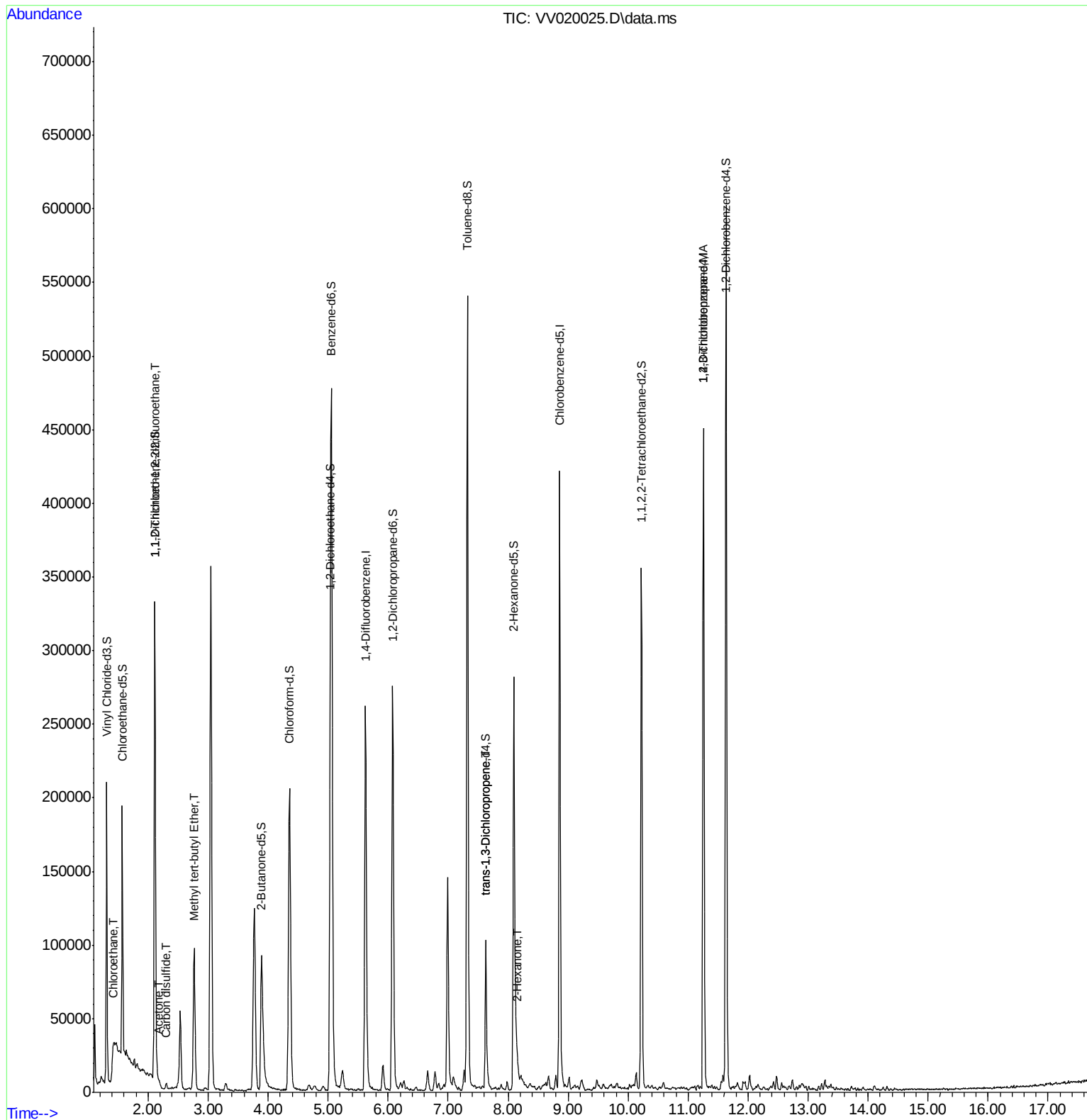
Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	212624	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	207245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	105818	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111582	62.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.44%			
7) Chloroethane-d5	1.569	69	101714	71.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 142.10%#			
11) 1,1-Dichloroethene-d2	2.109	63	175855	49.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.56%			
21) 2-Butanone-d5	3.888	46	158398	136.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 136.14%#			
24) Chloroform-d	4.354	84	205166	63.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.02%#			
26) 1,2-Dichloroethane-d4	5.035	65	148671	67.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.38%#			
32) Benzene-d6	5.055	84	378269	64.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.34%#			
36) 1,2-Dichloropropane-d6	6.074	67	120104	65.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.54%#			
41) Toluene-d8	7.321	98	331595	62.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.10%#			
43) trans-1,3-Dichloroprop...	7.627	79	52611	55.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.04%			
47) 2-Hexanone-d5	8.093	63	81427	111.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.22%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	155501	62.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.98%#			
64) 1,2-Dichlorobenzene-d4	11.633	152	134620	65.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.74%#			
Target Compounds						
8) Chloroethane	1.421	64	26294	21.44	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.109	101	1716	1.10	ug/L #	23
13) Acetone	2.177	43	4673	4.55	ug/L	96
14) Carbon disulfide	2.299	76	4837	1.09	ug/L #	91
18) Methyl tert-butyl Ether	2.772	73	9022	1.84	ug/L #	1
44) trans-1,3-Dichloropropene	7.627	75	2892	1.17	ug/L	85
48) 2-Hexanone	8.148	43	14422	7.65	ug/L #	64
59) 1,2,3-Trichloropropane	11.257	75	13941	6.57	ug/L	93

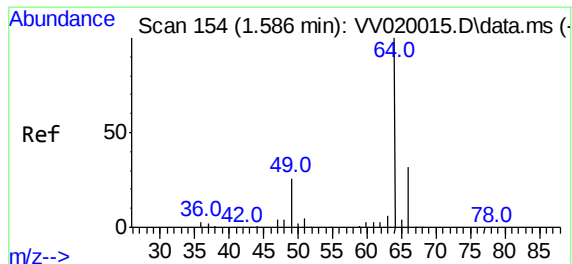
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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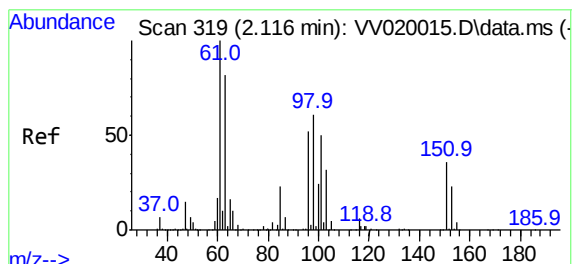
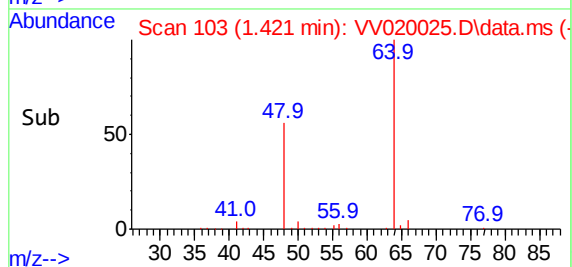
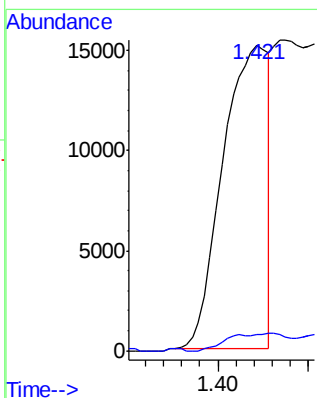
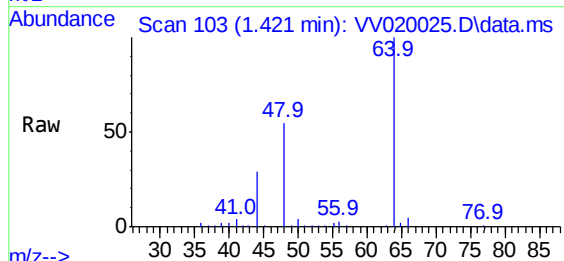




#8
Chloroethane
Concen: 21.44 ug/L
RT: 1.421 min Scan# 103
Delta R.T. -0.164 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

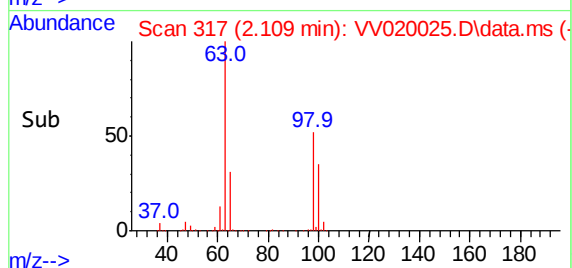
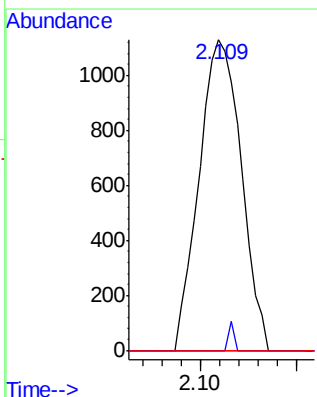
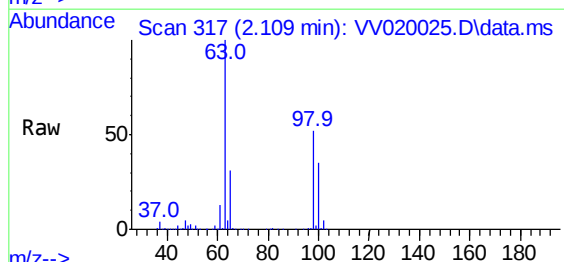
Instrument :
MSVOA_V
ClientSampleId :
BG4Y4

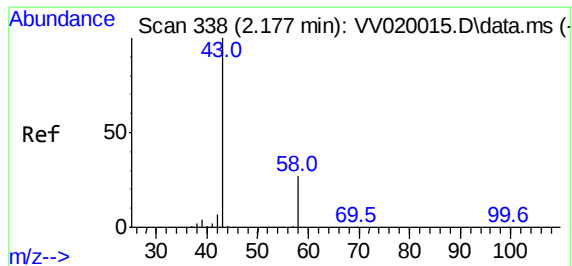
Tgt Ion: 64 Resp: 26294
Ion Ratio Lower Upper
64 100
66 5.2 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.10 ug/L
RT: 2.109 min Scan# 317
Delta R.T. -0.007 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

Tgt Ion:101 Resp: 1716
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#

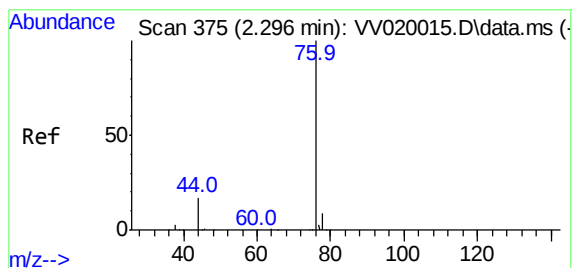
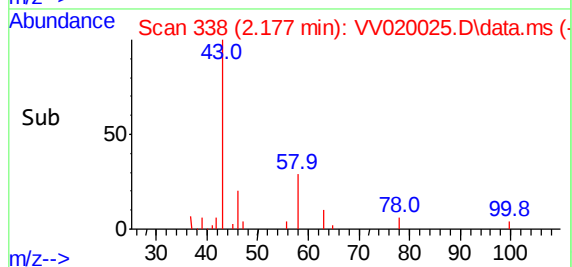
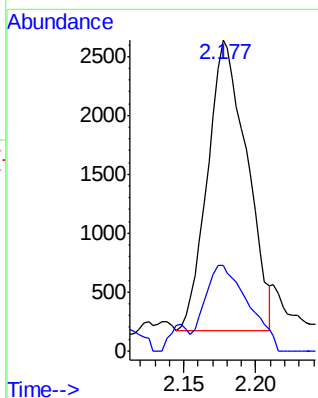
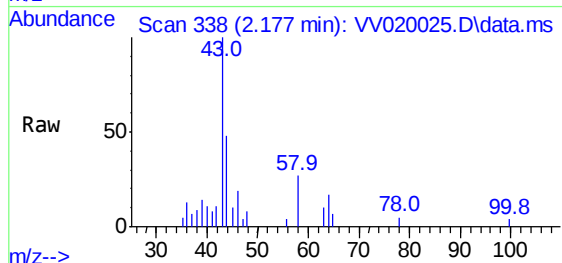




#13
Acetone
Concen: 4.55 ug/L
RT: 2.177 min Scan# 338
Delta R.T. -0.000 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

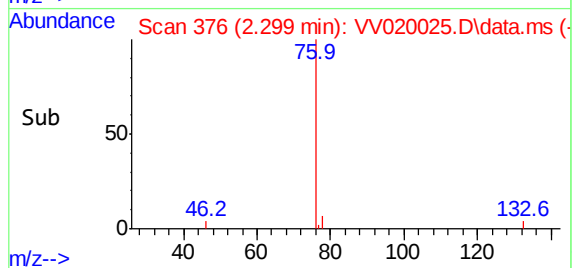
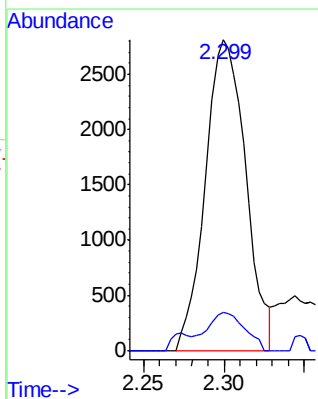
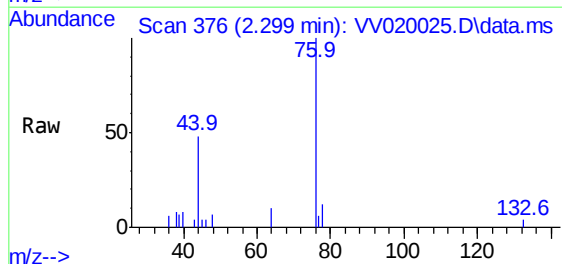
Instrument :
MSVOA_V
ClientSampleId :
BG4Y4

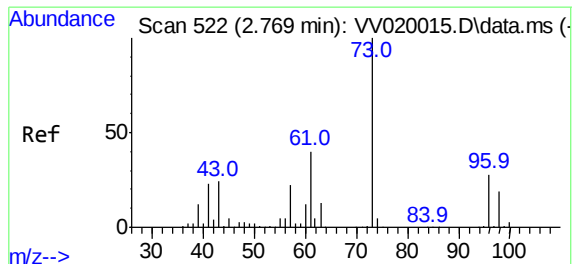
Tgt Ion: 43 Resp: 4673
Ion Ratio Lower Upper
43 100
58 32.4 0.0 60.2



#14
Carbon disulfide
Concen: 1.09 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

Tgt Ion: 76 Resp: 4837
Ion Ratio Lower Upper
76 100
78 12.3 7.2 10.8#

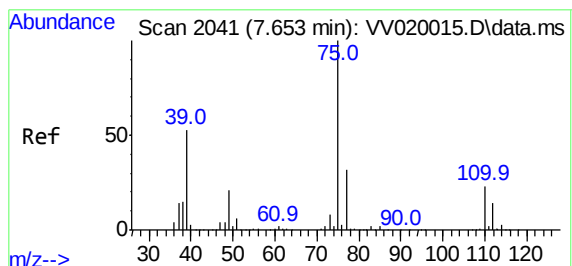
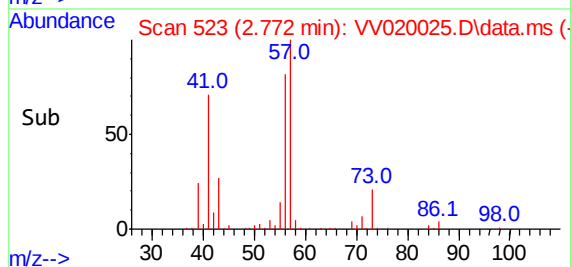
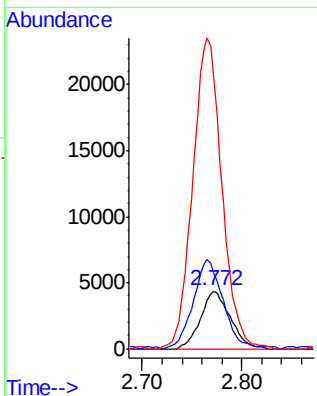
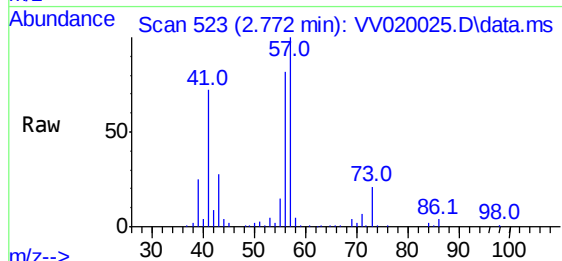




#18
Methyl tert-butyl Ether
Concen: 1.84 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

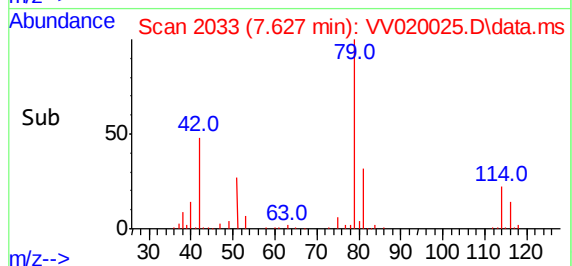
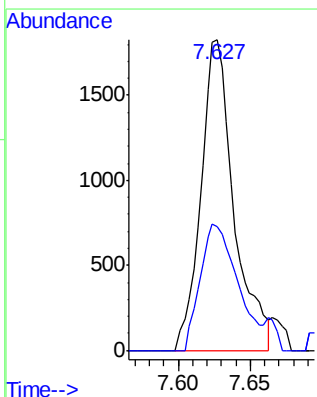
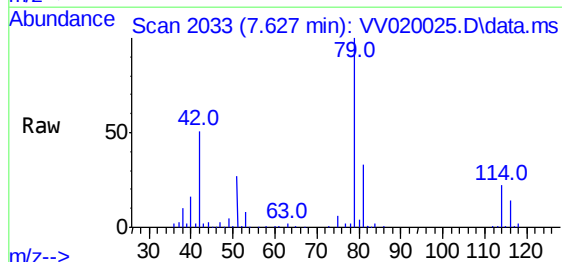
Instrument :
MSVOA_V
ClientSampleId :
BG4Y4

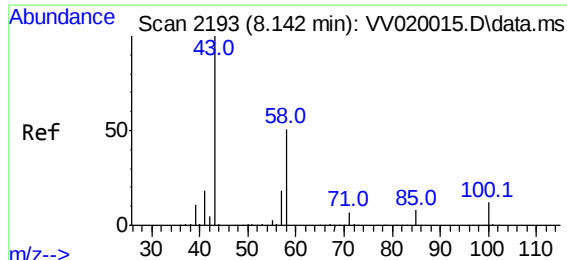
Tgt Ion: 73 Resp: 9022
Ion Ratio Lower Upper
73 100
43 155.5 17.3 25.9#
57 528.6 17.9 26.9#



#44
trans-1,3-Dichloropropene
Concen: 1.17 ug/L
RT: 7.627 min Scan# 2033
Delta R.T. -0.026 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

Tgt Ion: 75 Resp: 2892
Ion Ratio Lower Upper
75 100
77 39.9 22.0 41.0



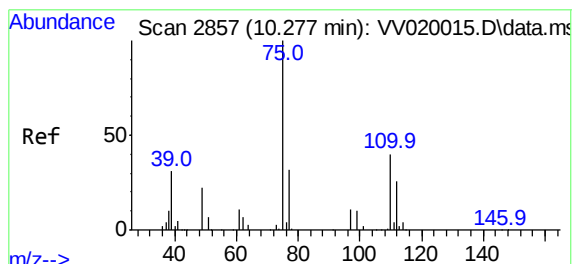
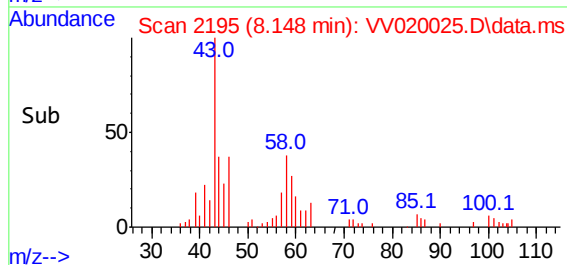
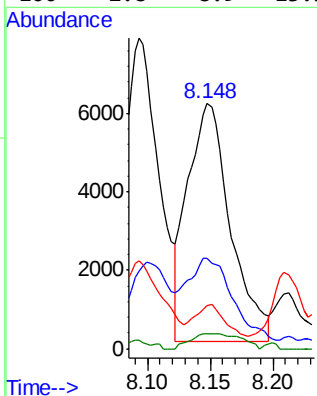
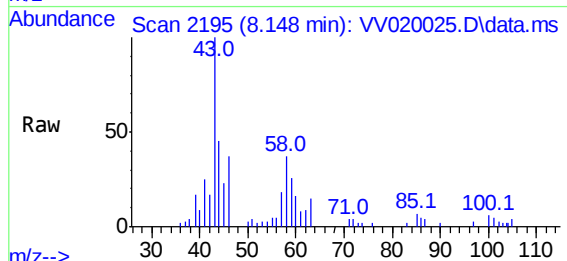


#48
2-Hexanone
Concen: 7.65 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

Instrument :
MSVOA_V
ClientSampled :
BG4Y4

Tgt Ion: 43 Resp: 14422

Ion	Ratio	Lower	Upper
43	100		
58	21.3	41.8	62.6#
57	9.0	15.0	22.4#
100	2.8	8.9	13.3#



#59
1,2,3-Trichloropropane
Concen: 6.57 ug/L
RT: 11.257 min Scan# 3162
Delta R.T. 0.980 min
Lab File: VV020025.D
Acq: 15 Jan 2021 15:35

Tgt Ion: 75 Resp: 13941

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.0

