

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019969.D
 Acq On : 11 Jan 2021 16:18
 Operator : SY/MD
 Sample : M1064-01RE 2X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

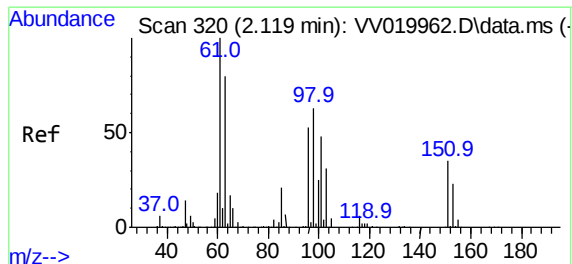
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X2

Quant Time: Jan 12 06:41:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	407874	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	395114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	195073	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	162336	47.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.38%		
7) Chloroethane-d5	1.570	69	138030	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.52%		
11) 1,1-Dichloroethene-d2	2.110	63	248746	36.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.42%		
21) 2-Butanone-d5	3.888	46	203213	91.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.05%		
24) Chloroform-d	4.354	84	289510	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.44%		
26) 1,2-Dichloroethane-d4	5.036	65	210531	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.94%		
32) Benzene-d6	5.055	84	538615	48.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.60%		
36) 1,2-Dichloropropane-d6	6.074	67	172594	49.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.14%		
41) Toluene-d8	7.322	98	478973	47.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.78%		
43) trans-1,3-Dichloroprop...	7.627	79	81789	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.54%		
47) 2-Hexanone-d5	8.093	63	119688	85.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.75%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	211795	45.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.00%		
64) 1,2-Dichlorobenzene-d4	11.630	152	190367	50.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.06%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2235	0.75	ug/L #	31
12) 1,1-Dichloroethene	2.116	96	4918	1.71	ug/L #	1
20) cis-1,2-Dichloroethene	3.917	96	8289	2.69	ug/L	95
27) 1,2-Dichloroethane	5.052	62	4206	0.87	ug/L	100
33) Benzene	5.110	78	12823	1.12	ug/L	100
34) Trichloroethene	5.917	95	471337	143.40	ug/L	97
39) cis-1,3-Dichloropropene	6.991	75	6402	1.37	ug/L #	61
44) trans-1,3-Dichloropropene	7.624	75	4712	1.00	ug/L	97
46) Tetrachloroethene	7.981	164	302201	128.06	ug/L	97
48) 2-Hexanone	8.148	43	8229	2.29	ug/L #	90
59) 1,2,3-Trichloropropane	11.254	75	26645	6.59	ug/L	97

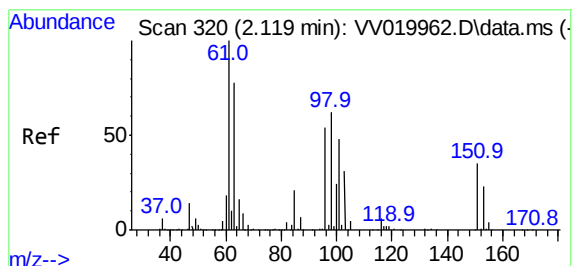
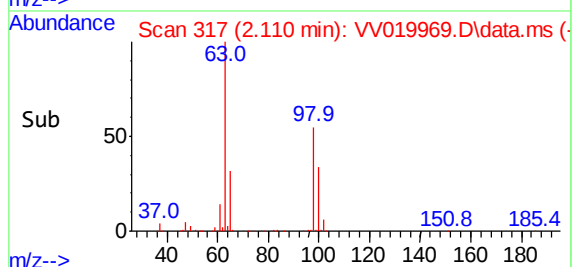
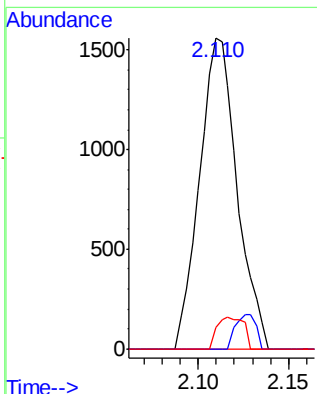
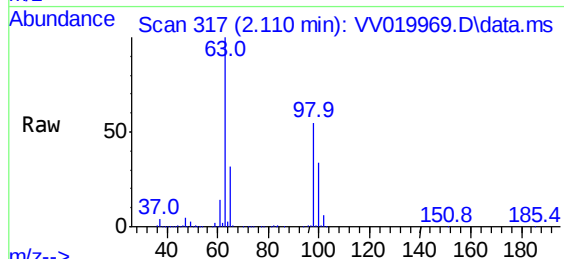
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.75 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV019969.D
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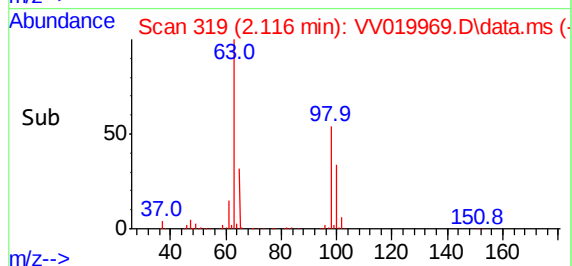
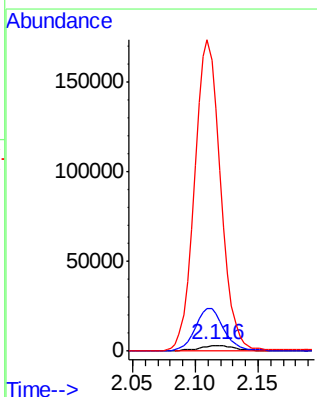
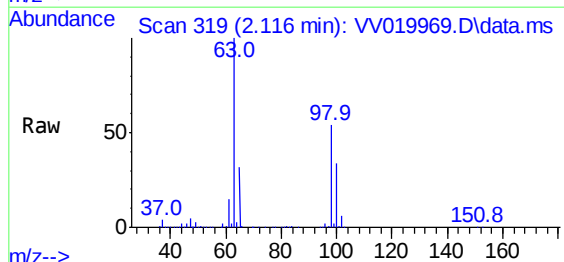
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 ClientSampleId :
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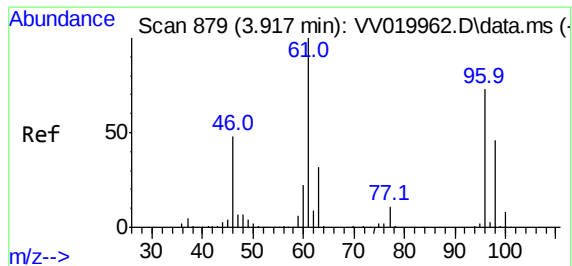
Tgt Ion:101 Resp: 2235
 Ion Ratio Lower Upper
 101 100
 85 6.1 35.3 52.9#
 151 6.1 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 1.71 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV019969.D
 Acq: 11 Jan 2021 16:18

Tgt Ion: 96 Resp: 4918
 Ion Ratio Lower Upper
 96 100
 61 726.0 134.9 250.5#
 63 4796.6 117.6 218.4#

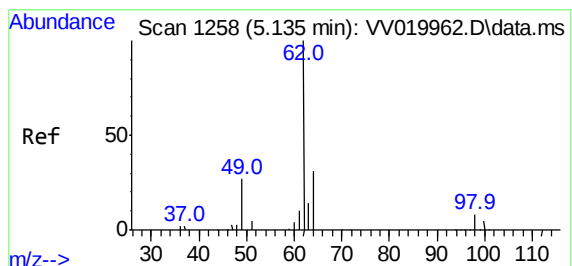
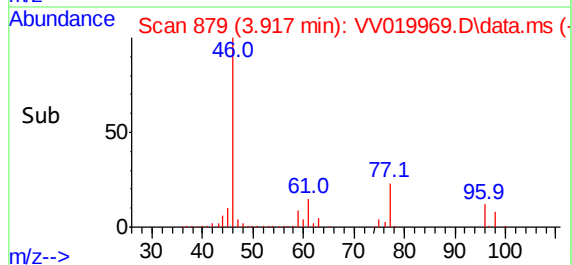
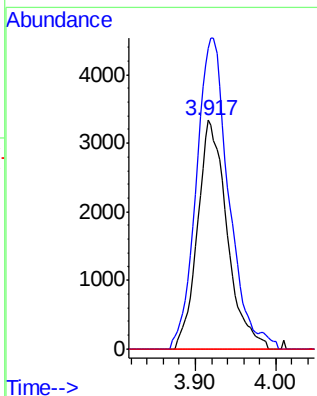
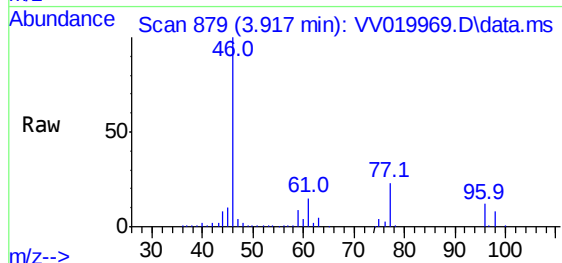




#20
 cis-1,2-Dichloroethene
 Concen: 2.69 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: VV019969.D
 Acq: 11 Jan 2021 16:18

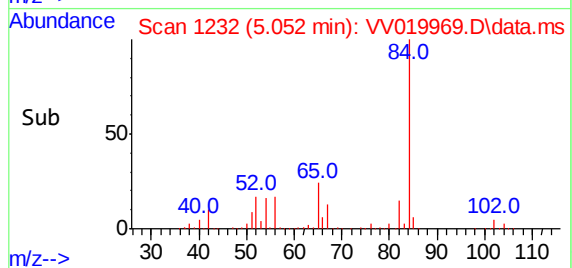
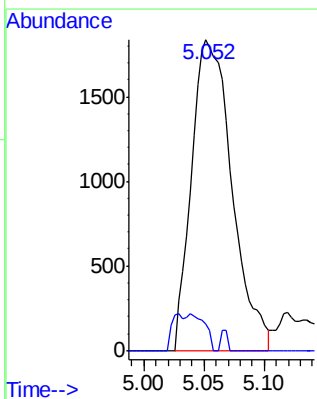
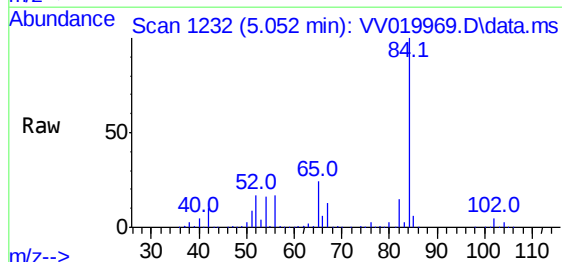
Instrument :
 MSVOA_V
 ClientSampled :
 BG4X2

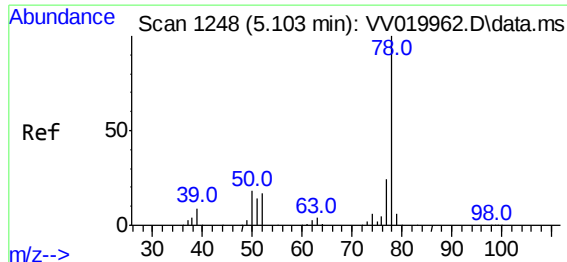
Tgt Ion: 96 Resp: 8289
 Ion Ratio Lower Upper
 96 100
 61 131.8 96.9 179.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.87 ug/L
 RT: 5.052 min Scan# 1232
 Delta R.T. -0.083 min
 Lab File: VV019969.D
 Acq: 11 Jan 2021 16:18

Tgt Ion: 62 Resp: 4206
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.9 10.3

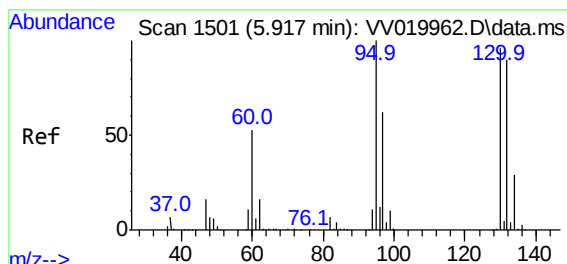
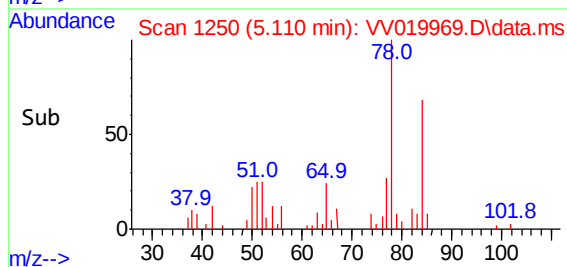
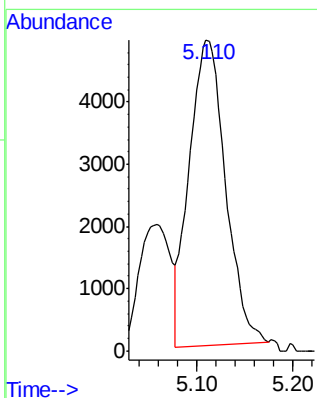
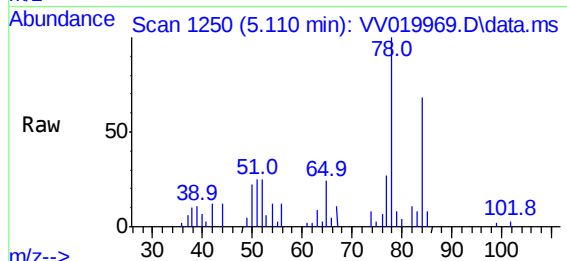




#33
Benzene
Concen: 1.12 ug/L
RT: 5.110 min Scan# 1250
Delta R.T. 0.007 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

Instrument :
MSVOA_V
ClientSampled :
BG4X2

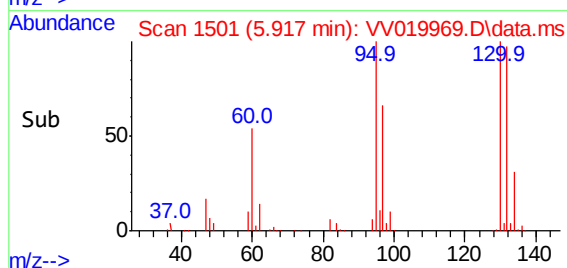
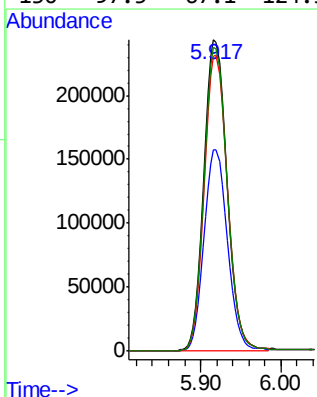
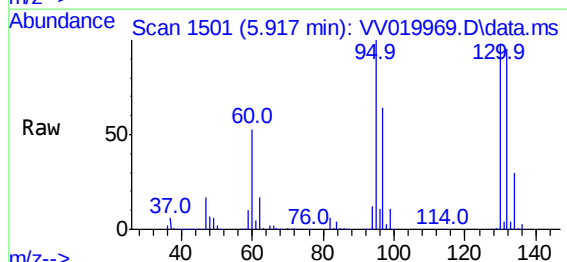
Tgt Ion: 78 Resp: 12823

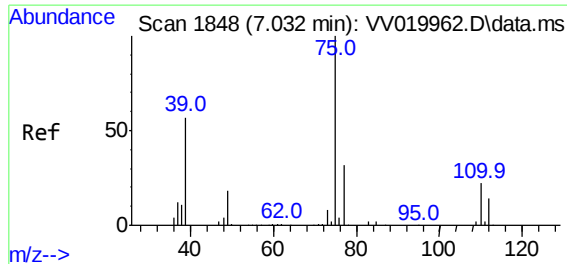


#34
Trichloroethene
Concen: 143.40 ug/L
RT: 5.917 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

Tgt Ion: 95 Resp: 471337

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.5	82.7
132	94.7	63.4	117.8
130	97.5	67.1	124.5

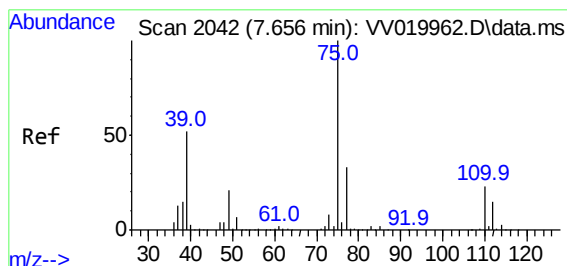
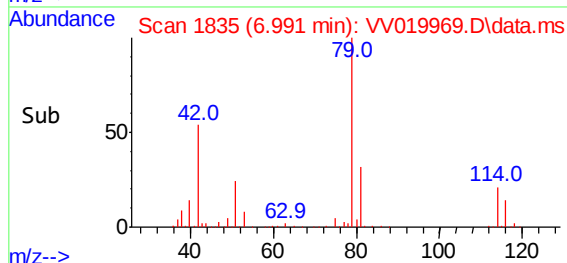
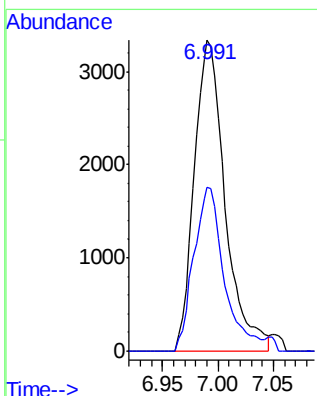
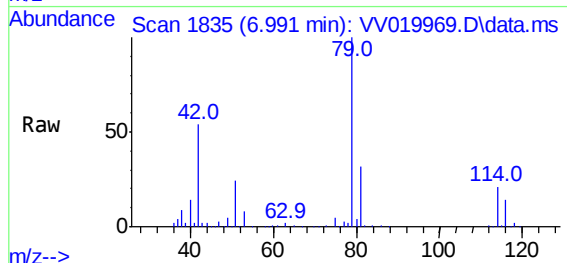




#39
cis-1,3-Dichloropropene
Concen: 1.37 ug/L
RT: 6.991 min Scan# 1835
Delta R.T. -0.041 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

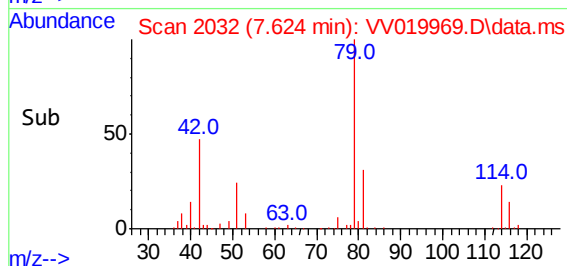
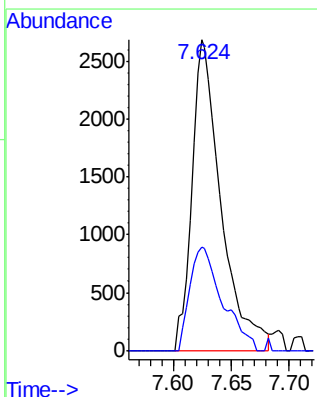
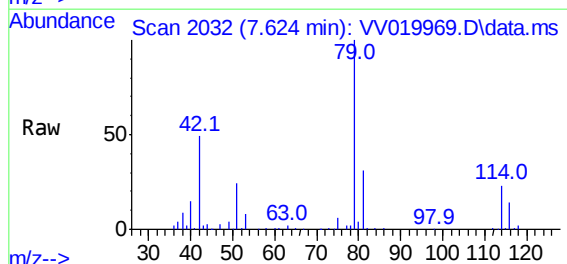
Instrument :
MSVOA_V
ClientSampleId :
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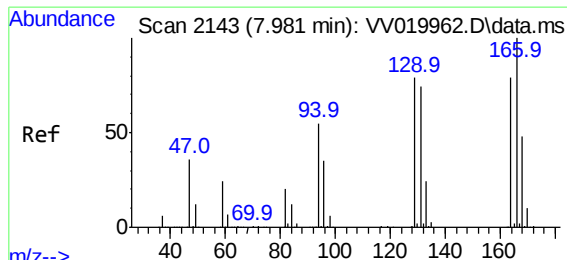
Tgt Ion: 75 Resp: 6402
Ion Ratio Lower Upper
75 100
77 52.5 21.8 40.6#



#44
trans-1,3-Dichloropropene
Concen: 1.00 ug/L
RT: 7.624 min Scan# 2032
Delta R.T. -0.032 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

Tgt Ion: 75 Resp: 4712
Ion Ratio Lower Upper
75 100
77 33.1 22.0 41.0

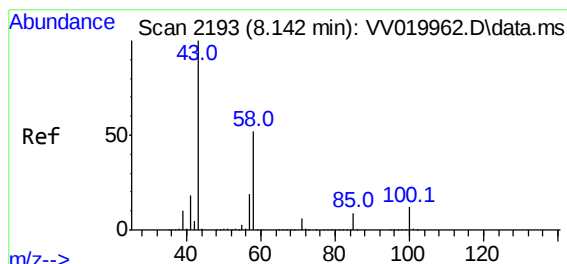
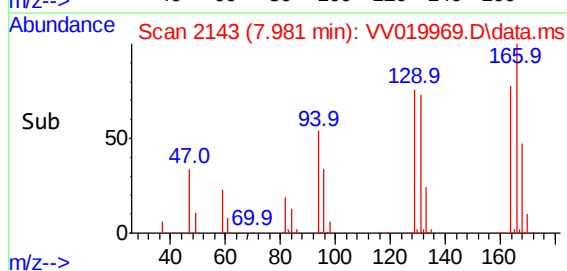
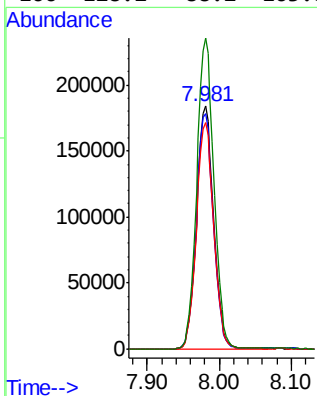
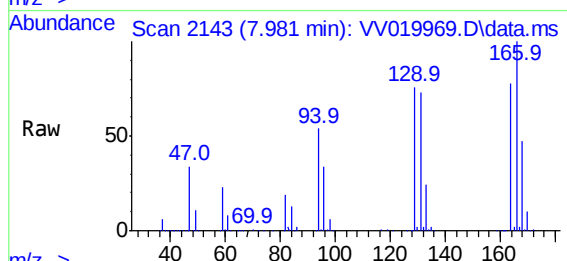




#46
Tetrachloroethene
Concen: 128.06 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

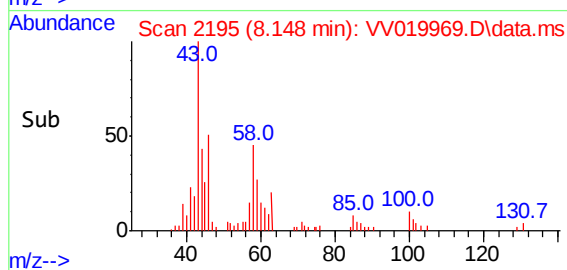
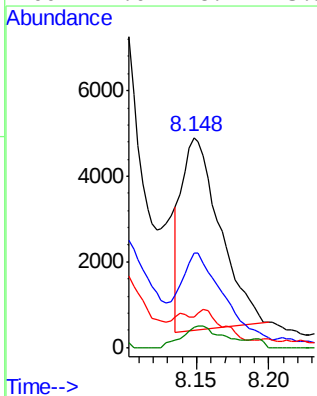
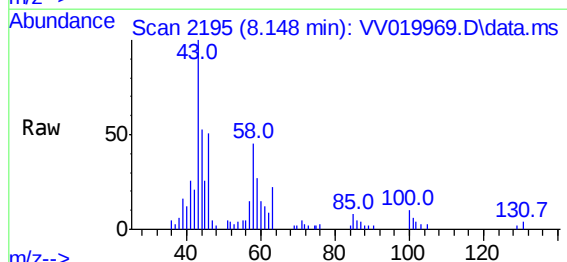
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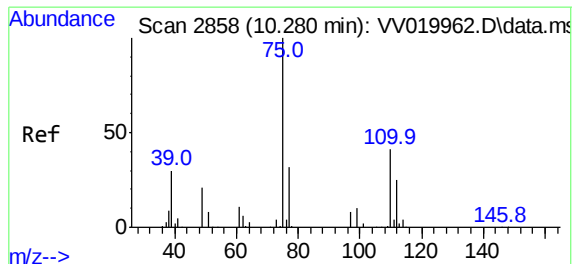
Tgt Ion:164 Resp: 302201
Ion Ratio Lower Upper
164 100
129 97.4 70.6 131.0
131 93.2 66.8 124.0
166 128.2 88.2 163.8



#48
2-Hexanone
Concen: 2.29 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV019969.D
Acq: 11 Jan 2021 16:18

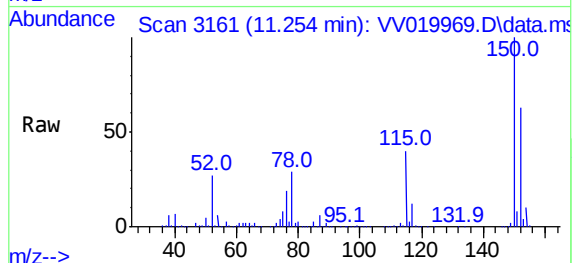
Tgt Ion: 43 Resp: 8229
Ion Ratio Lower Upper
43 100
58 54.0 41.8 62.6
57 4.0 15.0 22.4#
100 9.0 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 6.59 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.974 min
 Lab File: VV019969.D
 Acq: 11 Jan 2021 16:18

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 26645
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0

