

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
 Data File : VW020946.D
 Acq On : 06 Apr 2021 13:24
 Operator : SY/MD
 Sample : M1880-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1E1

Quant Time: Apr 07 02:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 02:10:23 2021
 Response via : Initial Calibration

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

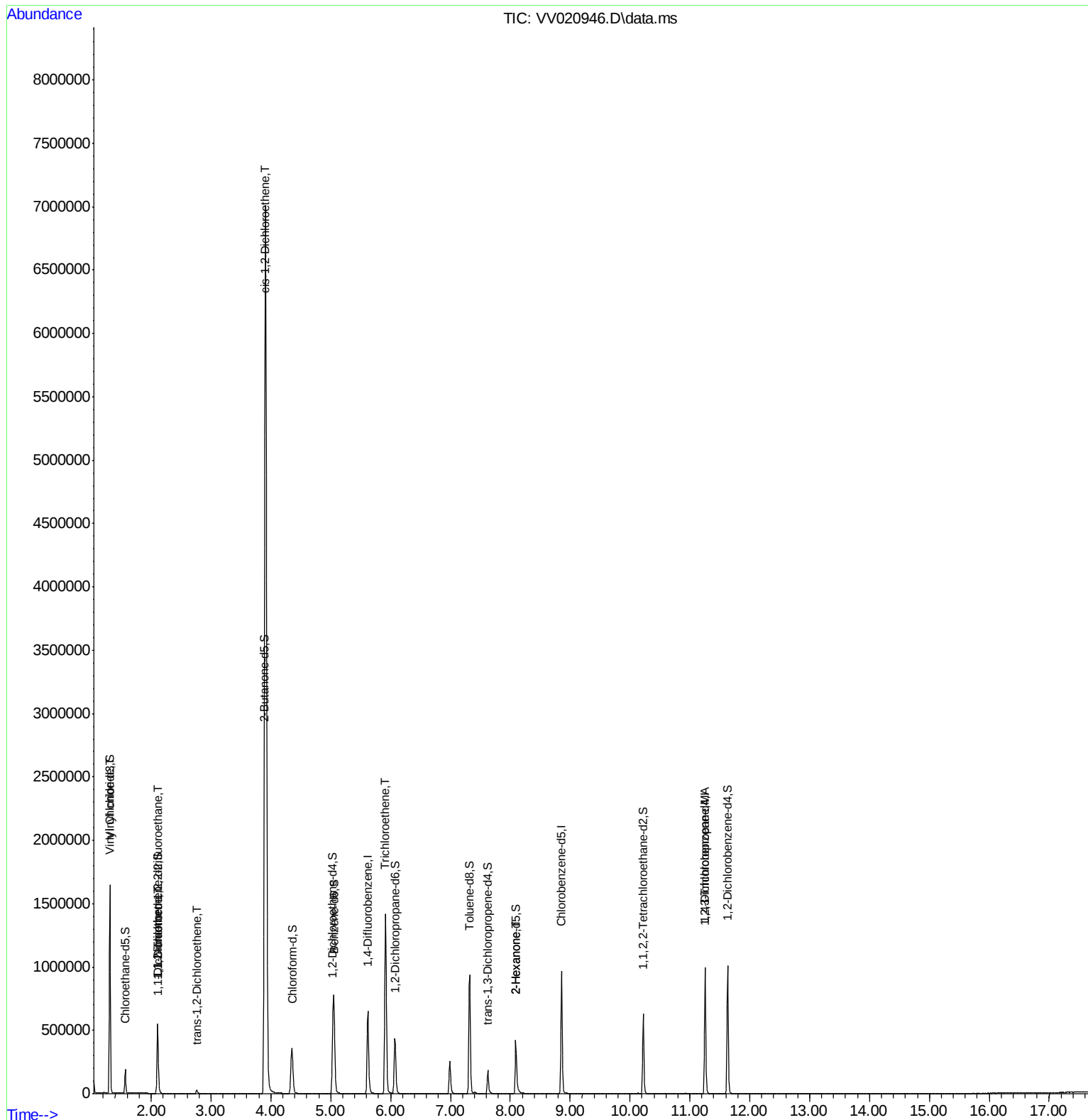
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	567449	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	544427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	274759	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	142828	35.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.90%		
7) Chloroethane-d5	1.568	69	114204	37.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.00%		
11) 1,1-Dichloroethene-d2	2.108	63	253186	33.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.62%		
21) 2-Butanone-d5	3.889	46	196893	75.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.12%		
24) Chloroform-d	4.352	84	371479	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.78%		
26) 1,2-Dichloroethane-d4	5.034	65	257055	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.46%		
32) Benzene-d6	5.053	84	663174	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.40%		
36) 1,2-Dichloropropane-d6	6.072	67	191125	42.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.80%		
41) Toluene-d8	7.320	98	634729	46.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.98%		
43) trans-1,3-Dichloroprop...	7.625	79	108155	45.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.26%		
47) 2-Hexanone-d5	8.091	63	138848	74.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.33%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	267986	41.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.58%		
64) 1,2-Dichlorobenzene-d4	11.632	152	275713	51.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.40%		
Target Compounds						
5) Vinyl chloride	1.310	62	835223	192.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2521	0.71	ug/L #	19
12) 1,1-Dichloroethene	2.117	96	54448	16.44	ug/L #	55
17) trans-1,2-Dichloroethene	2.764	96	12148	3.20	ug/L	87
20) cis-1,2-Dichloroethene	3.912	96	3968159	976.67	ug/L	92
34) Trichloroethene	5.915	95	471725	114.60	ug/L	93
48) 2-Hexanone	8.091	43	17385	4.31	ug/L #	56
59) 1,2,3-Trichloropropane	11.252	75	24948	4.85	ug/L	94

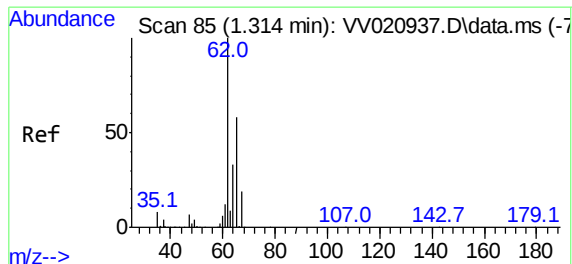
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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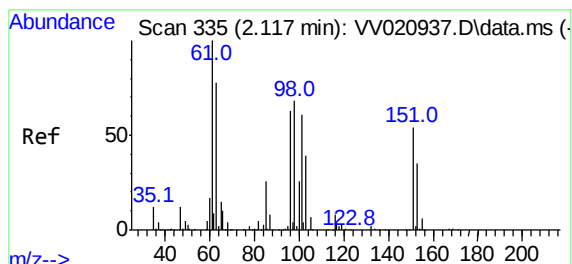
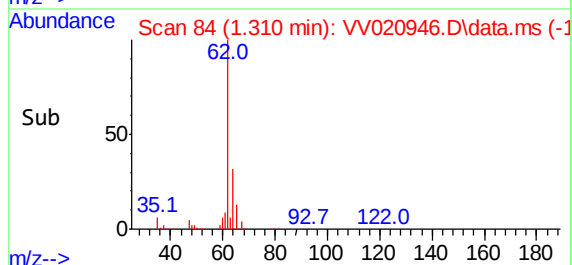
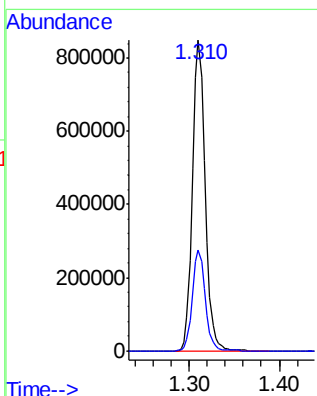
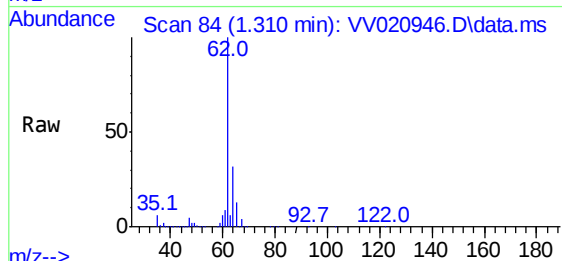




#5
 Vinyl chloride
 Concen: 192.65 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020946.D
 Acq: 06 Apr 2021 13:24

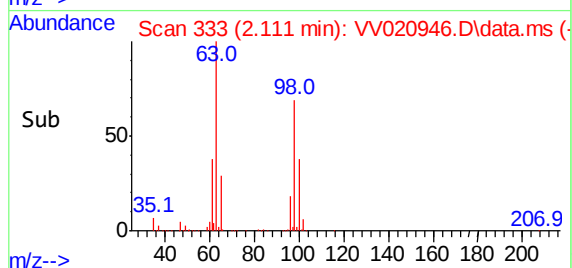
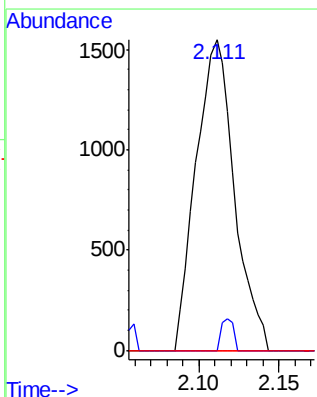
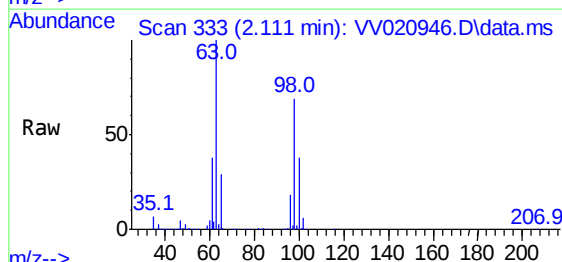
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1E1

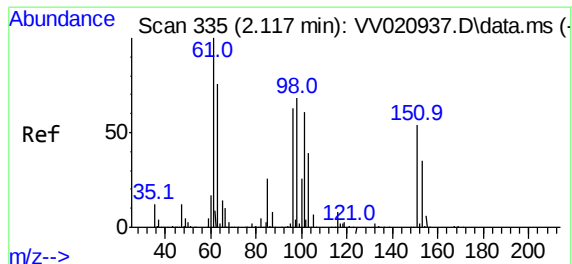
Tgt Ion: 62 Resp: 835223
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.3 43.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.71 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020946.D
 Acq: 06 Apr 2021 13:24

Tgt Ion:101 Resp: 2521
 Ion Ratio Lower Upper
 101 100
 85 3.3 35.4 53.0#
 151 0.0 63.5 95.3#

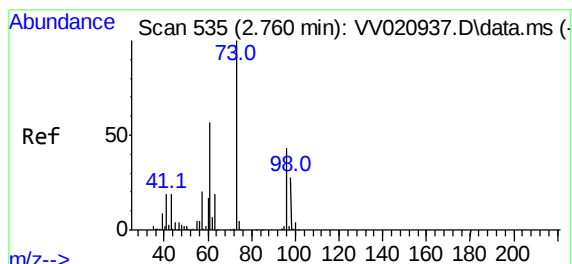
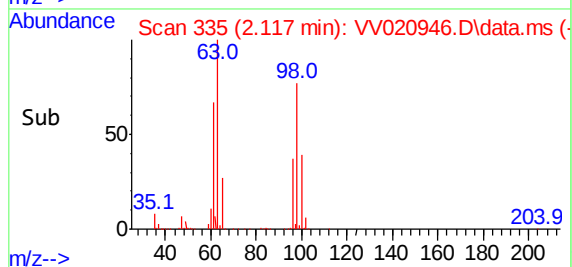
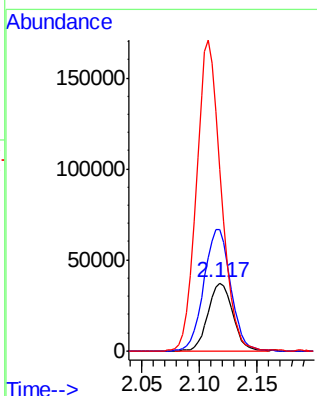
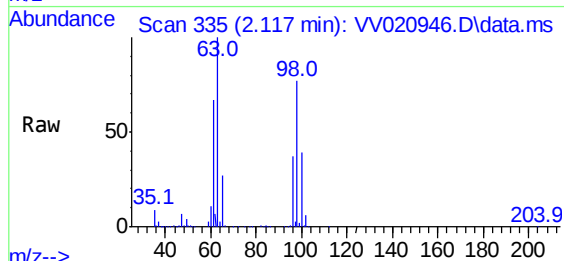




#12
1,1-Dichloroethene
Concen: 16.44 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

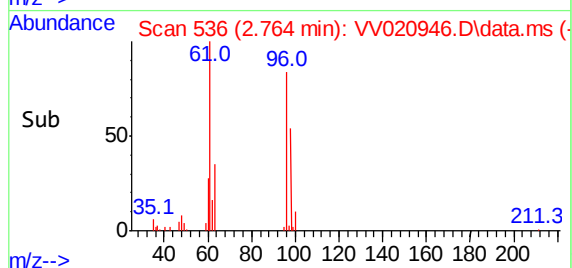
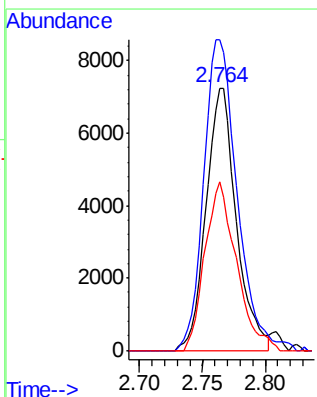
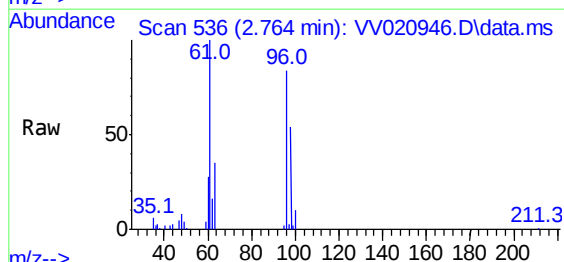
Instrument :
MSVOA_V
ClientSampleId :
EW1E1

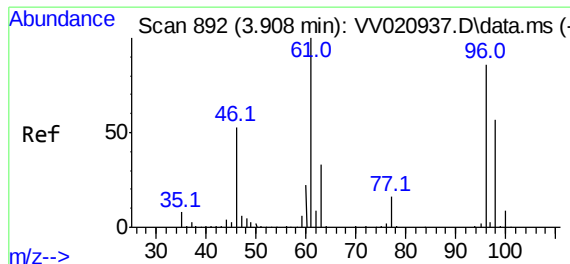
Tgt Ion: 96 Resp: 54448
Ion Ratio Lower Upper
96 100
61 178.6 126.3 234.6
63 267.1 100.2 186.2#



#17
trans-1,2-Dichloroethene
Concen: 3.20 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

Tgt Ion: 96 Resp: 12148
Ion Ratio Lower Upper
96 100
61 118.4 97.9 181.9
98 64.5 43.9 81.5

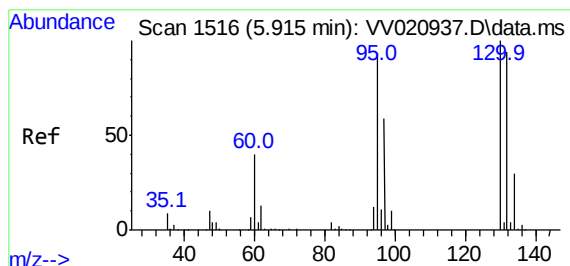
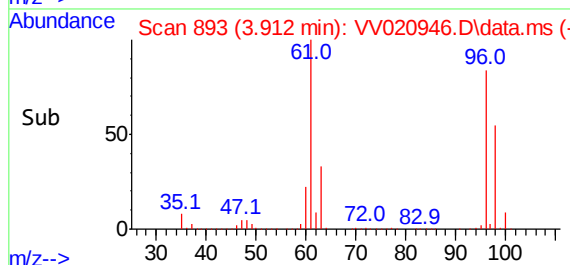
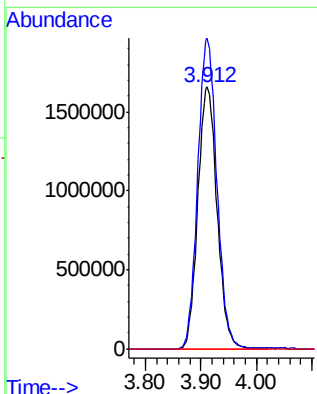
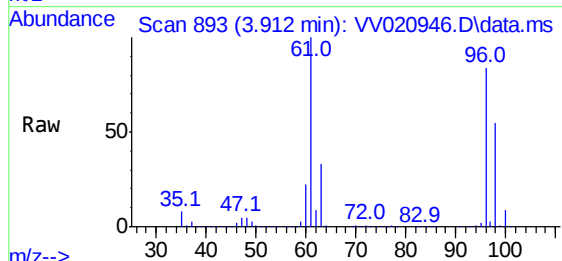




#20
cis-1,2-Dichloroethene
Concen: 976.67 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

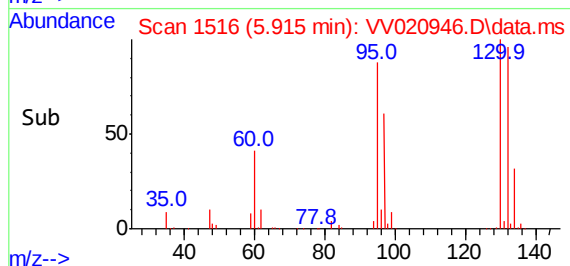
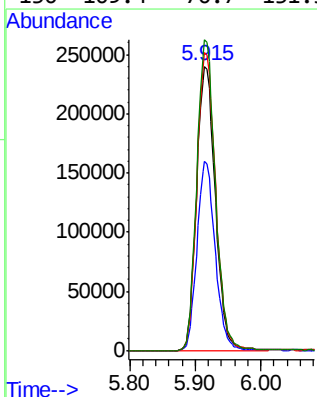
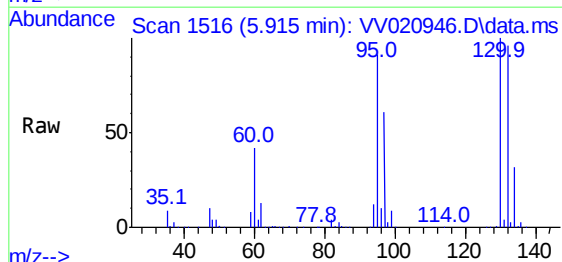
Instrument :
MSVOA_V
ClientSampled :
EW1E1

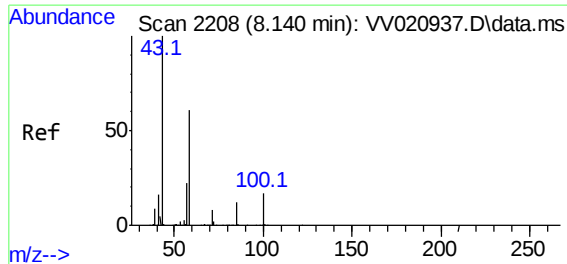
Tgt Ion: 96 Resp: 3968159
Ion Ratio Lower Upper
96 100
61 118.7 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 114.60 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

Tgt Ion: 95 Resp: 471725
Ion Ratio Lower Upper
95 100
97 66.6 43.5 80.9
132 104.9 69.5 129.1
130 109.4 70.7 131.3



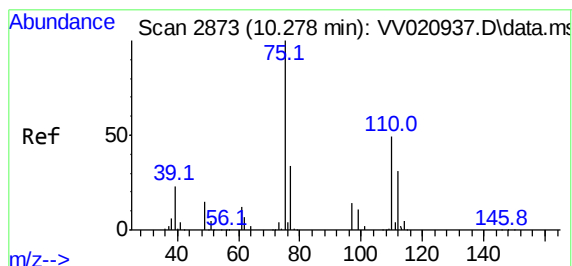
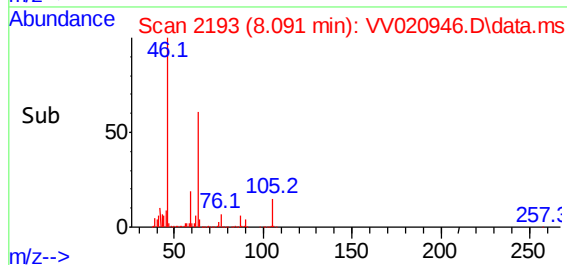
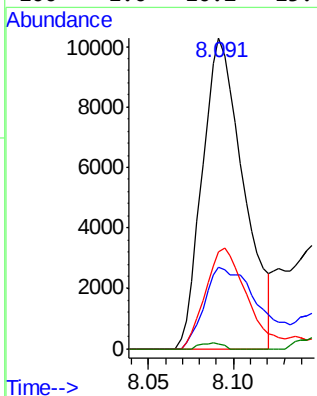
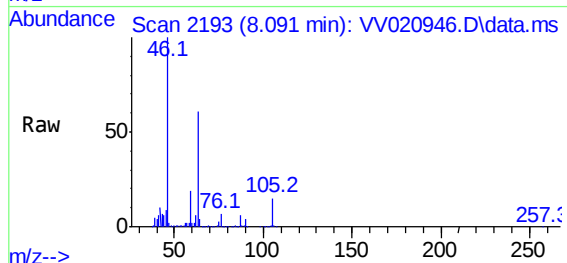


#48
2-Hexanone
Concen: 4.31 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

Instrument :
MSVOA_V
ClientSampleId :
EW1E1

Tgt Ion: 43 Resp: 17385

Ion	Ratio	Lower	Upper
43	100		
58	19.3	45.8	68.8#
57	32.6	15.4	23.2#
100	1.0	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 4.85 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020946.D
Acq: 06 Apr 2021 13:24

Tgt Ion: 75 Resp: 24948

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.3	37.9

