

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020882.D
 Acq On : 02 Apr 2021 17:04
 Operator : SY/MD
 Sample : M1845-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B9

Quant Time: Apr 03 00:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 00:36:16 2021
 Response via : Initial Calibration

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

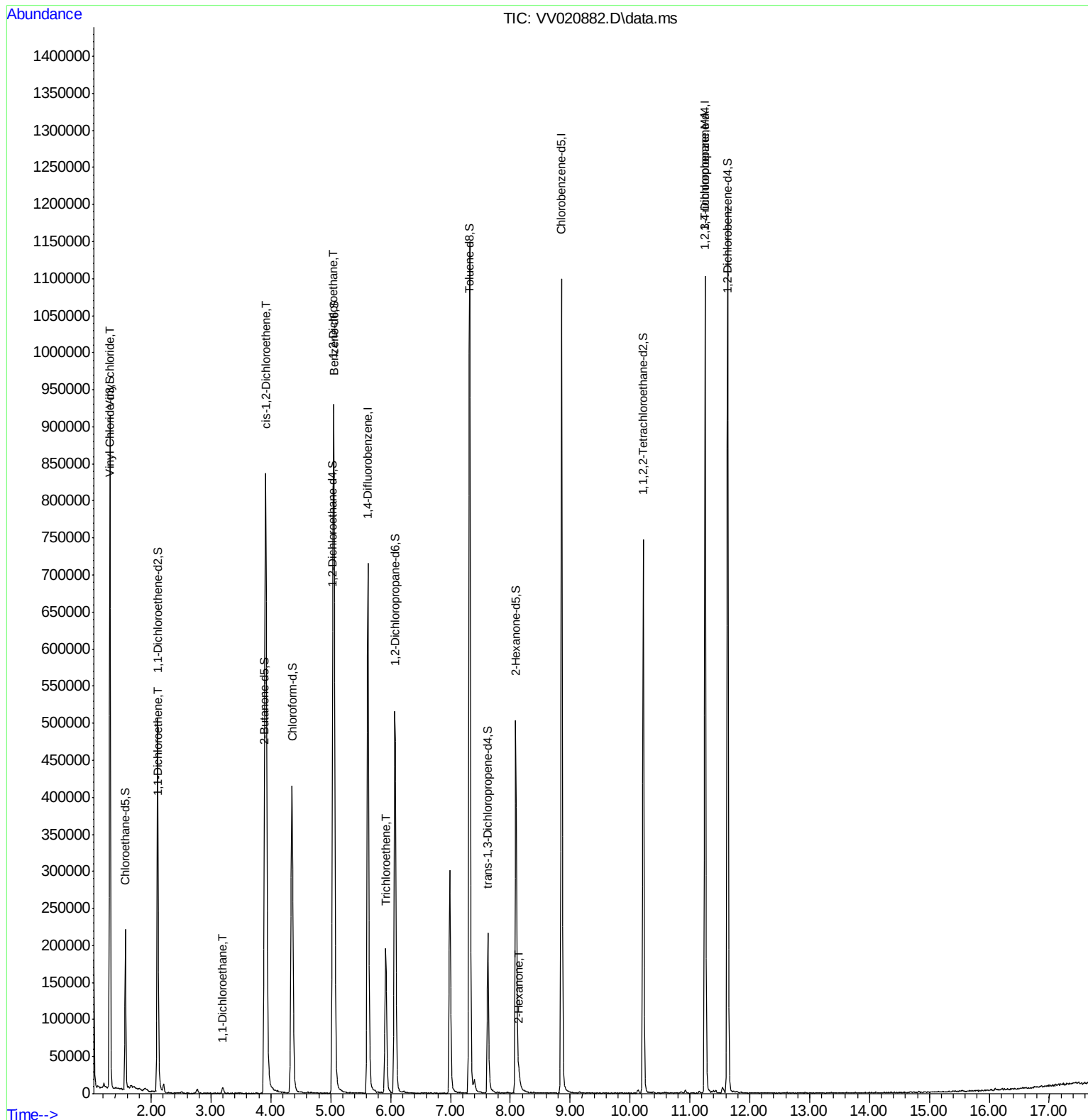
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	636480	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	607248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	293829	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	159236	35.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.48%		
7) Chloroethane-d5	1.571	69	130470	38.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.38%		
11) 1,1-Dichloroethene-d2	2.108	63	257631	30.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.44%		
21) 2-Butanone-d5	3.892	46	251128	85.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.42%		
24) Chloroform-d	4.352	84	428612	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.44%		
26) 1,2-Dichloroethane-d4	5.034	65	296684	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.30%		
32) Benzene-d6	5.053	84	791190	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.76%		
36) 1,2-Dichloropropane-d6	6.072	67	234913	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.54%		
41) Toluene-d8	7.320	98	751335	49.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.74%		
43) trans-1,3-Dichloroprop...	7.625	79	126872	47.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.96%		
47) 2-Hexanone-d5	8.091	63	175337	84.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.16%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	323067	44.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.26%		
64) 1,2-Dichlorobenzene-d4	11.631	152	325010	56.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.98%		
Target Compounds						
5) Vinyl chloride	1.314	62	399380	82.13	ug/L	98
12) 1,1-Dichloroethene	2.117	96	6613	1.78	ug/L #	1
19) 1,1-Dichloroethane	3.195	63	7646	0.97	ug/L	89
20) cis-1,2-Dichloroethene	3.915	96	435947	95.66	ug/L	92
27) 1,2-Dichloroethane	5.050	62	5243	0.78	ug/L	97
34) Trichloroethene	5.921	95	62455	13.60	ug/L	95
48) 2-Hexanone	8.143	43	10221	2.27	ug/L #	55
59) 1,2,3-Trichloropropane	11.252	75	27686	4.83	ug/L	94

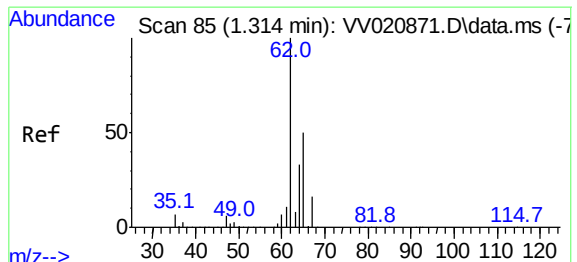
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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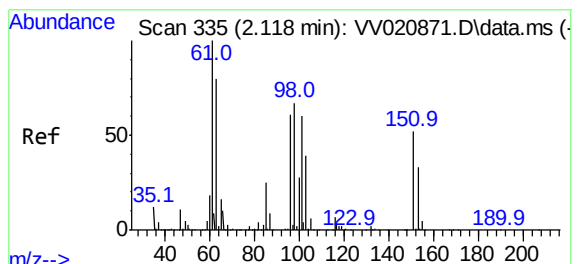
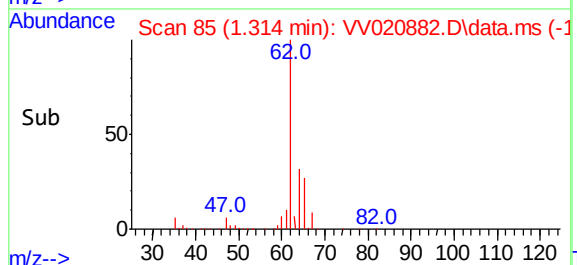
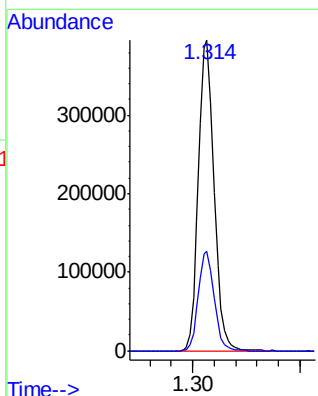
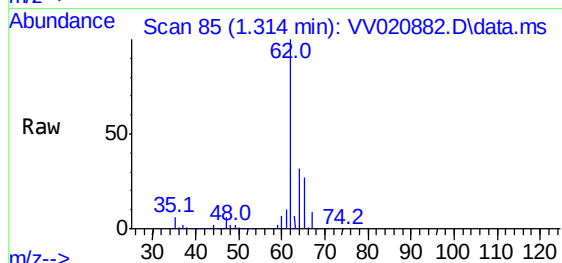




#5
 Vinyl chloride
 Concen: 82.13 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020882.D
 Acq: 02 Apr 2021 17:04

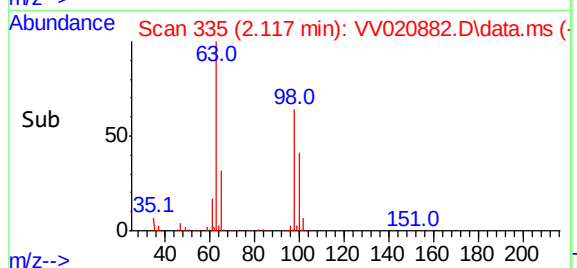
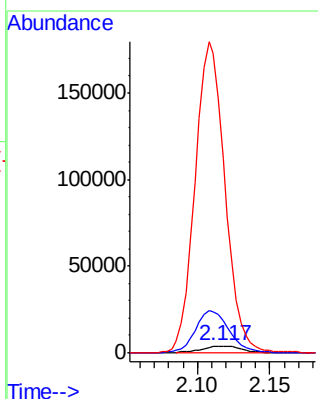
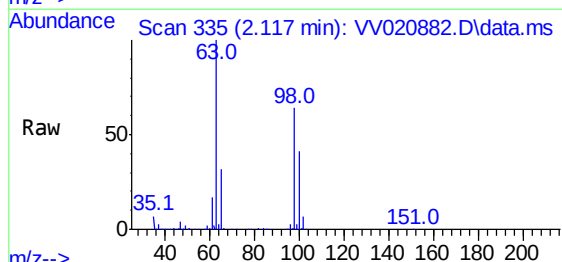
Instrument :
 MSVOA_V
 ClientSampled :
 EW1B9

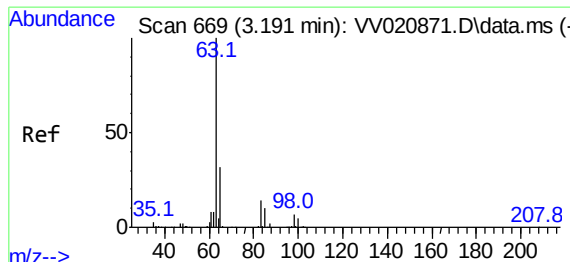
Tgt Ion: 62 Resp: 399380
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 1.78 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020882.D
 Acq: 02 Apr 2021 17:04

Tgt Ion: 96 Resp: 6613
 Ion Ratio Lower Upper
 96 100
 61 487.8 126.3 234.6#
 63 2935.1 100.2 186.2#

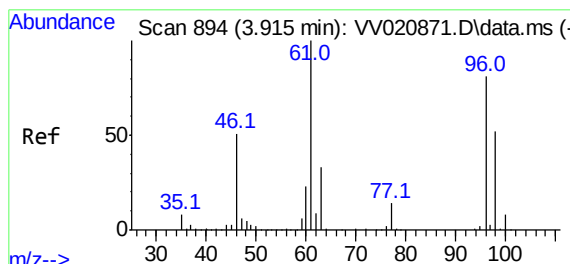
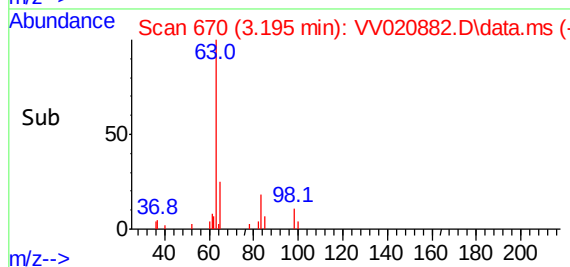
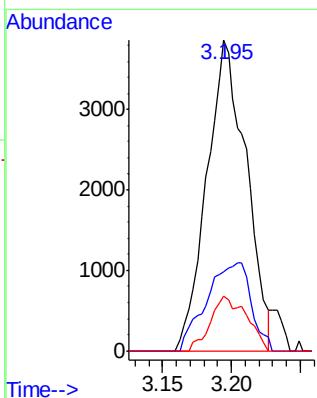
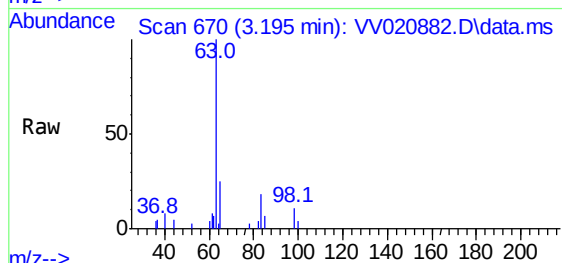




#19
1,1-Dichloroethane
Concen: 0.97 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

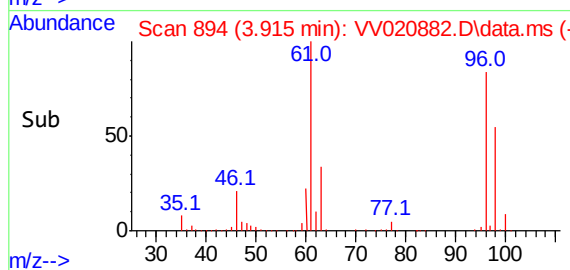
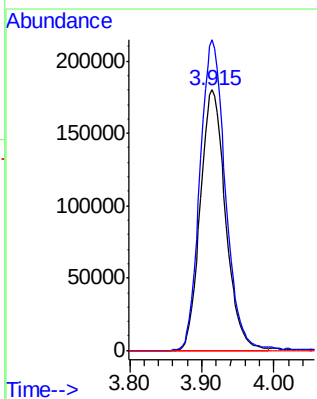
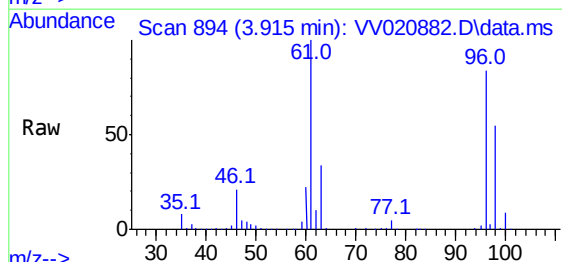
Instrument :
MSVOA_V
ClientSampleId :
EW1B9

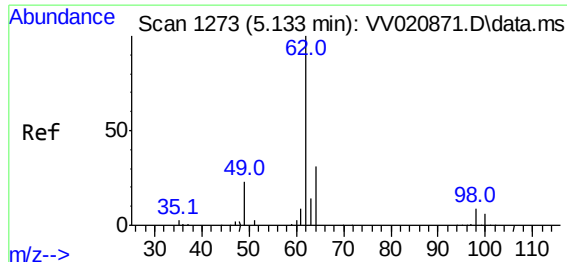
Tgt Ion: 63 Resp: 7646
Ion Ratio Lower Upper
63 100
65 25.3 22.5 41.9
83 17.6 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 95.66 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

Tgt Ion: 96 Resp: 435947
Ion Ratio Lower Upper
96 100
61 119.4 89.9 167.0
68 0.0 0.0 0.0

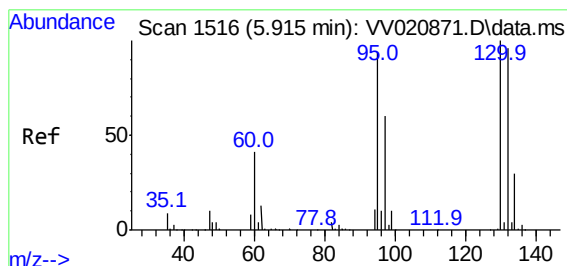
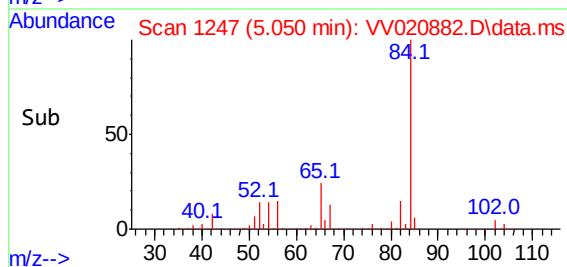
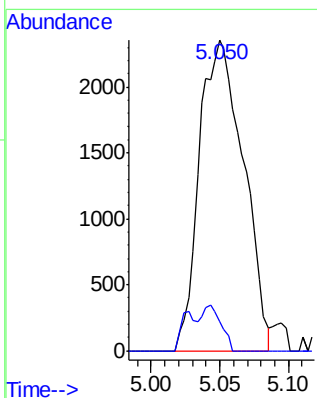
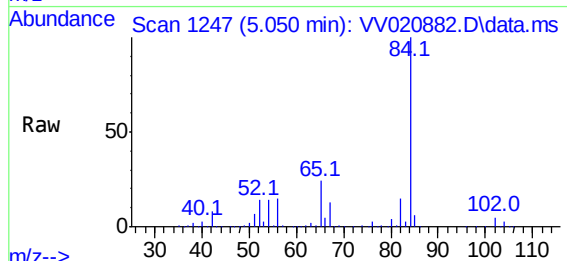




#27
1,2-Dichloroethane
Concen: 0.78 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.084 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

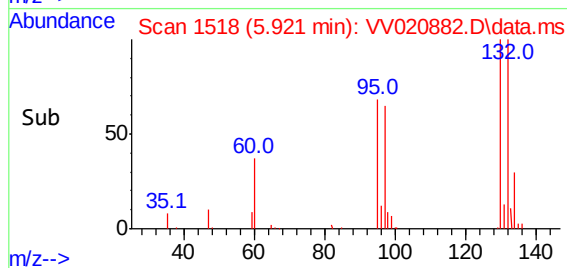
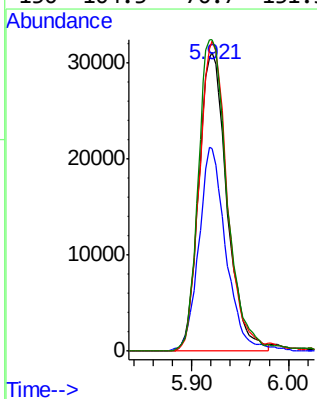
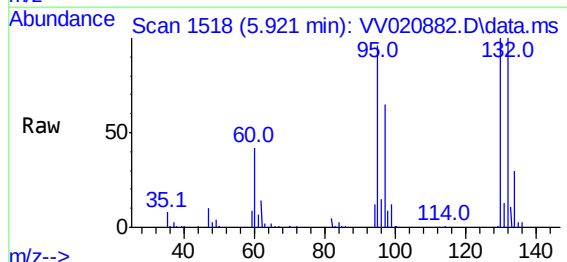
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MSVOA_V
ClientSampled :
EW1B9

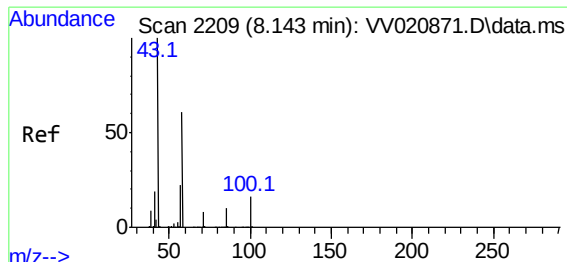
Tgt Ion: 62 Resp: 5243
Ion Ratio Lower Upper
62 100
98 9.4 6.8 10.2



#34
Trichloroethene
Concen: 13.60 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

Tgt Ion: 95 Resp: 62455
Ion Ratio Lower Upper
95 100
97 67.9 43.5 80.9
132 103.8 69.5 129.1
130 104.3 70.7 131.3

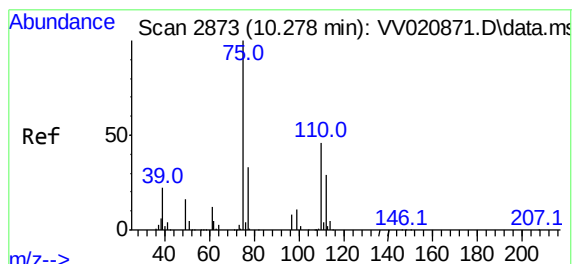
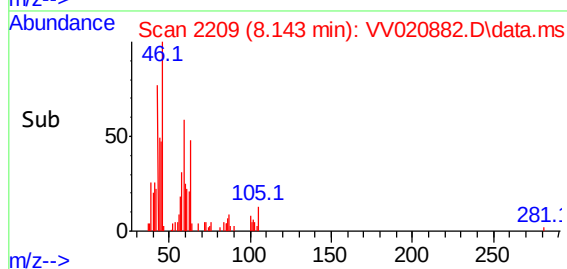
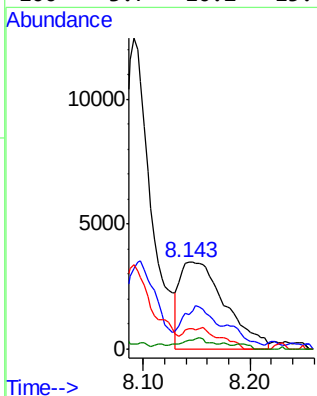
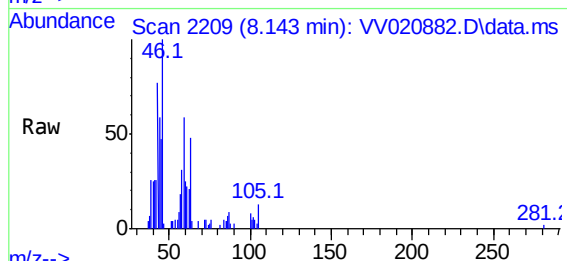




#48
2-Hexanone
Concen: 2.27 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

Instrument :
MSVOA_V
ClientSampleId :
EW1B9

Tgt Ion:	43	Resp:	10221
Ion	Ratio	Lower	Upper
43	100		
58	18.1	45.8	68.8#
57	2.3	15.4	23.2#
100	3.7	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 4.83 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020882.D
Acq: 02 Apr 2021 17:04

Tgt Ion:	75	Resp:	27686
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.3	37.9

