

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022194.D
 Acq On : 17 Sep 2021 18:41
 Operator : SY/MD
 Sample : M3676-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

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

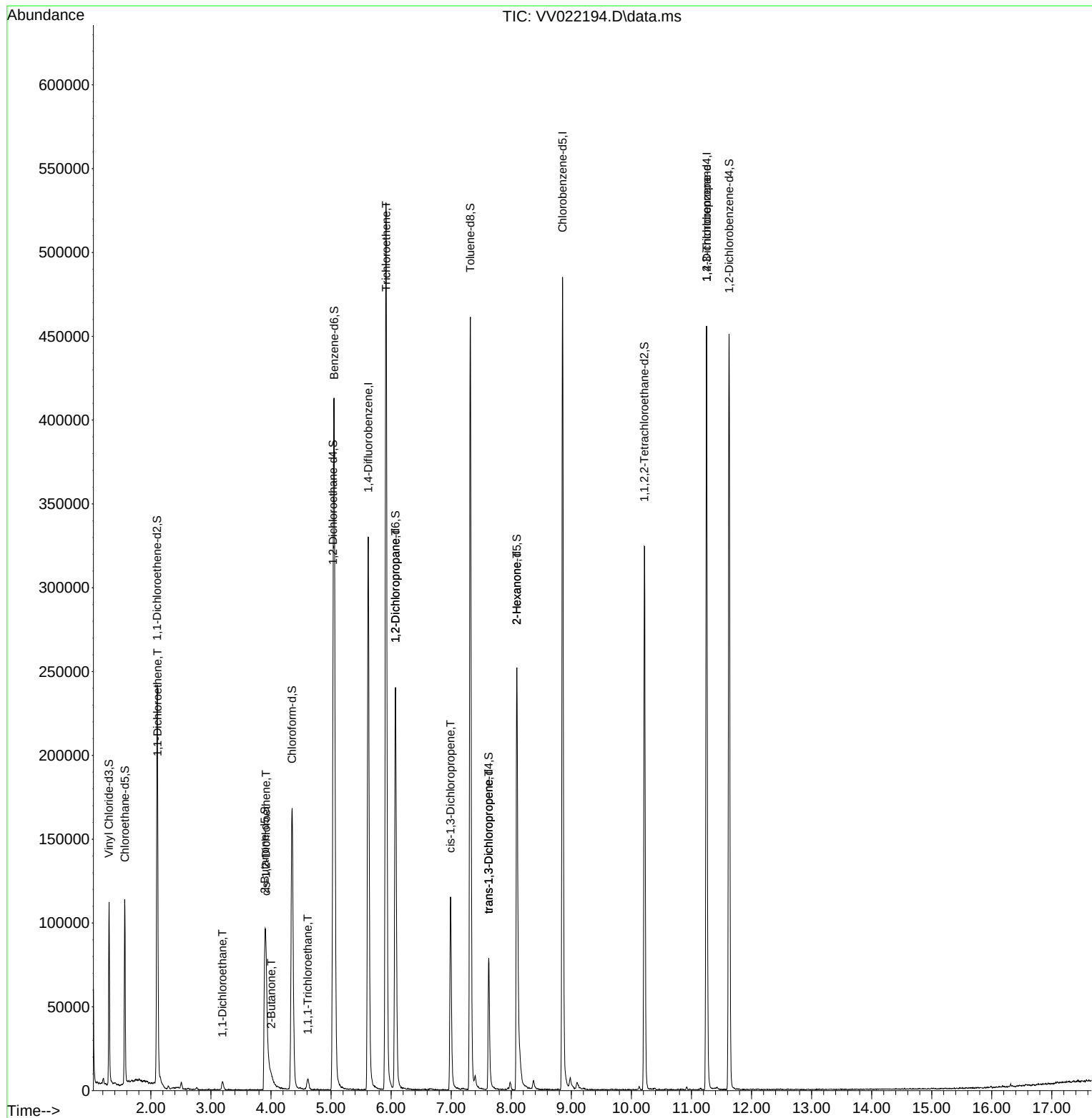
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	291810	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	276779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	122570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69508	34.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.800%
7) Chloroethane-d5	1.568	69	67500	42.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.540%
11) 1,1-Dichloroethene-d2	2.105	63	119318	35.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.400%
21) 2-Butanone-d5	3.899	46	151702	109.460	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.460%
24) Chloroform-d	4.352	84	177561	48.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
26) 1,2-Dichloroethane-d4	5.034	65	113026	52.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.160%
32) Benzene-d6	5.053	84	359775	47.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	6.072	67	118065	50.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.020%
41) Toluene-d8	7.320	98	316290	44.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.260%
43) trans-1,3-Dichloroprop...	7.625	79	46025	40.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.091	63	88473	97.666	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.670%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	158029	52.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.520%
66) 1,2-Dichlorobenzene-d4	11.628	152	122673	50.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	11367	6.753	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	5299	1.462	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	17582	7.762	ug/L	100
22) 2-Butanone	4.005	43	10146	6.216	ug/L	81
30) 1,1,1-Trichloroethane	4.612	97	4885	1.485	ug/L #	89
34) Trichloroethene	5.915	95	181794	79.700	ug/L	98
37) 1,2-Dichloropropane	6.072	63	12585	6.029	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	3017	0.936	ug/L #	69
44) trans-1,3-Dichloropropene	7.625	75	2064	0.688	ug/L #	83
48) 2-Hexanone	8.091	43	10677	4.863	ug/L #	68
61) 1,2,3-Trichloropropane	11.252	75	13682	6.441	ug/L #	64

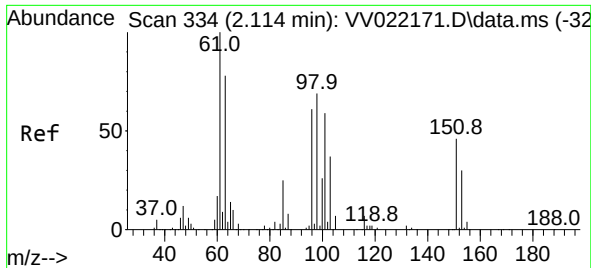
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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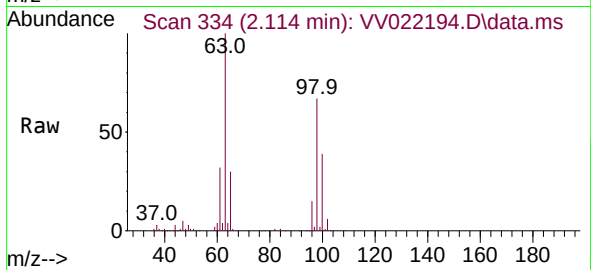
Quant Time: Sep 18 02:59:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
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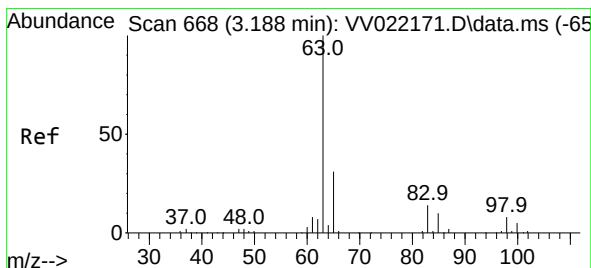
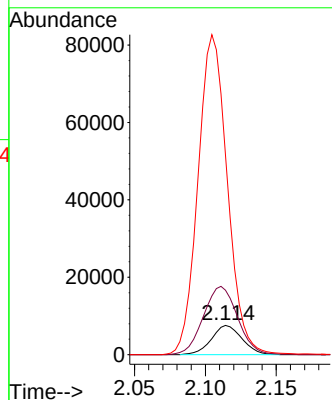
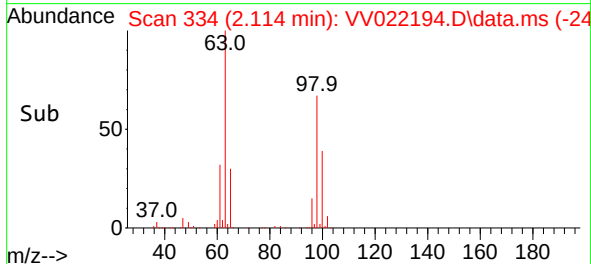


#12
1,1-Dichloroethene
Concen: 6.753 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

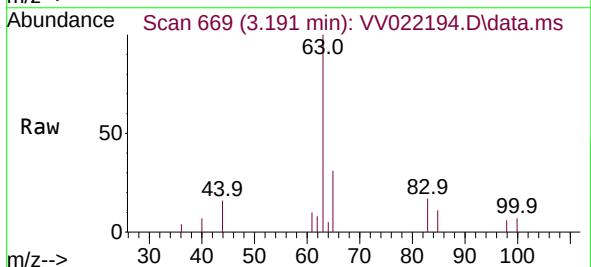
Instrument :
MSVOA_V
ClientSampled :



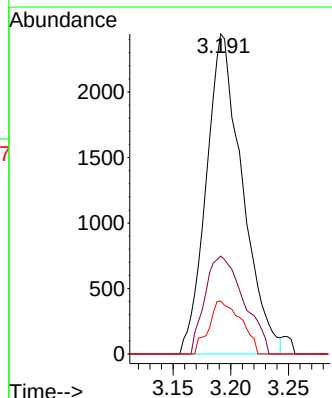
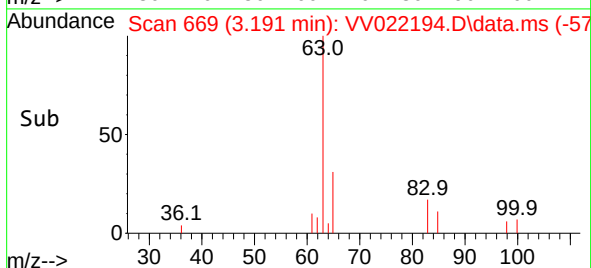
Tgt Ion: 96 Resp: 11367
Ion Ratio Lower Upper
96 100
61 219.9 113.2 210.2#
63 681.2 102.3 189.9#

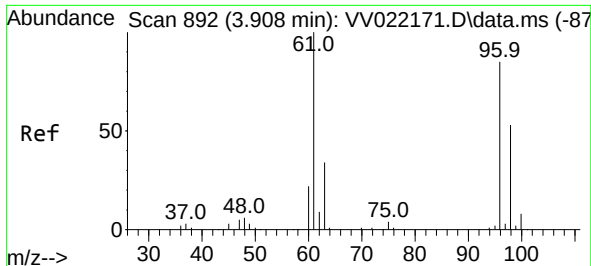


#19
1,1-Dichloroethane
Concen: 1.462 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41



Tgt Ion: 63 Resp: 5299
Ion Ratio Lower Upper
63 100
65 30.6 22.2 41.2
83 16.5 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 7.762 ug/L

RT: 3.915 min Scan# 894

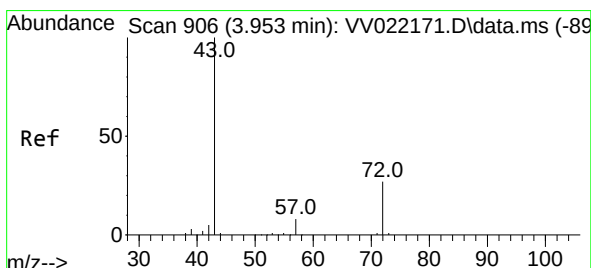
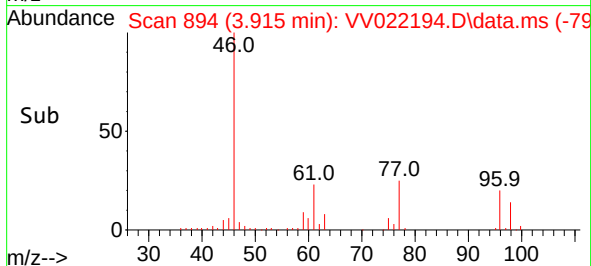
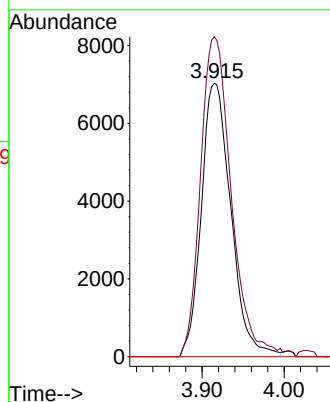
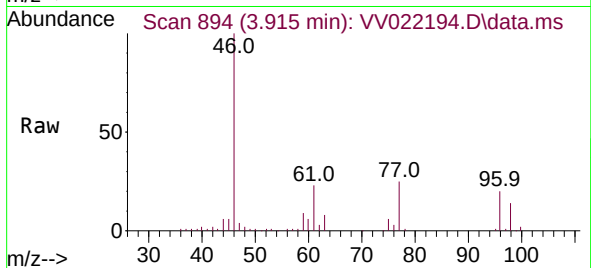
Delta R.T. 0.006 min

Lab File: VV022194.D

Acq: 17 Sep 2021 18:41

Tgt Ion: 96	Resp: 17582
Ion Ratio	Lower Upper
96 100	
61 116.9	81.8 152.0
68 0.0	0.0 0.0

Instrument :
MSVOA_V
ClientSampled :



#22

2-Butanone

Concen: 6.216 ug/L

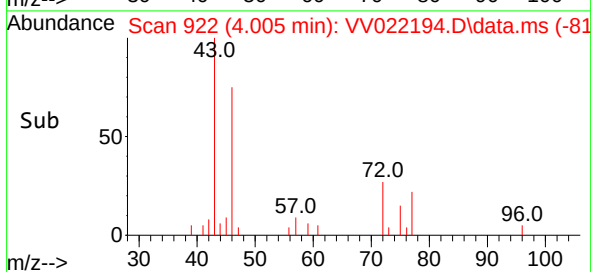
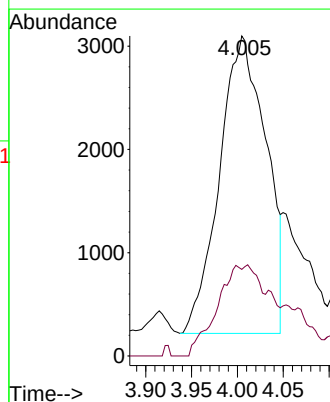
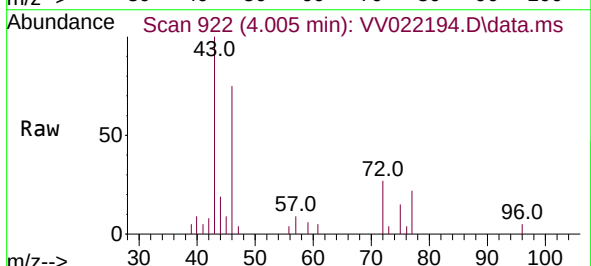
RT: 4.005 min Scan# 922

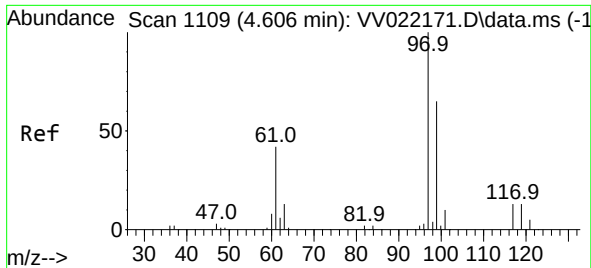
Delta R.T. 0.051 min

Lab File: VV022194.D

Acq: 17 Sep 2021 18:41

Tgt Ion: 43	Resp: 10146
Ion Ratio	Lower Upper
43 100	
72 16.7	13.3 39.8

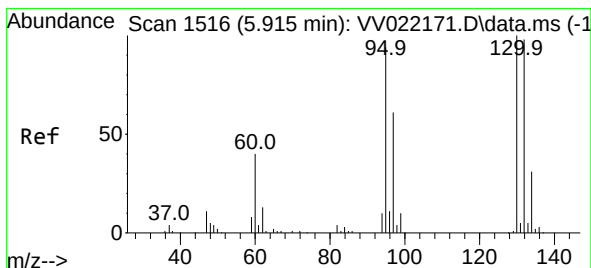
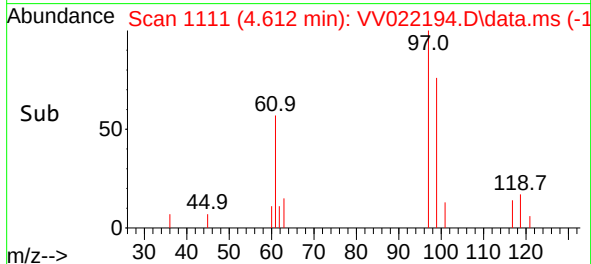
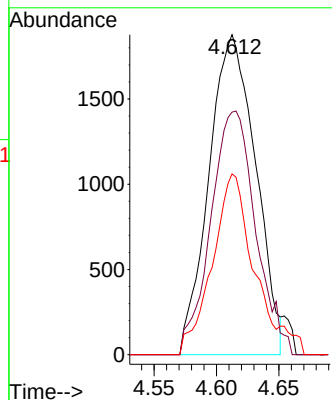
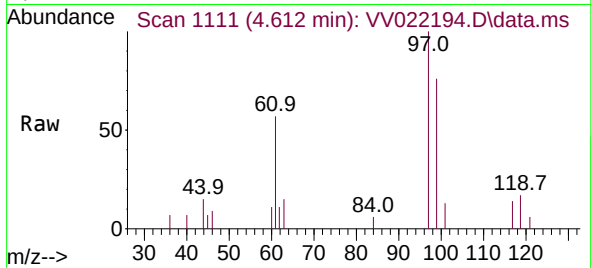




#30
1,1,1-Trichloroethane
Concen: 1.485 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

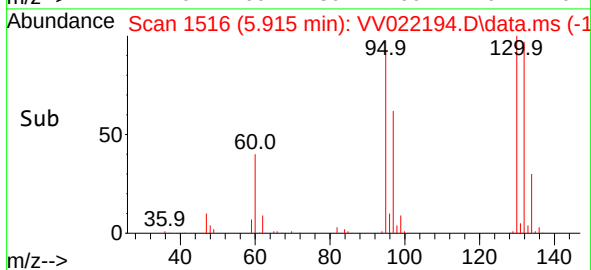
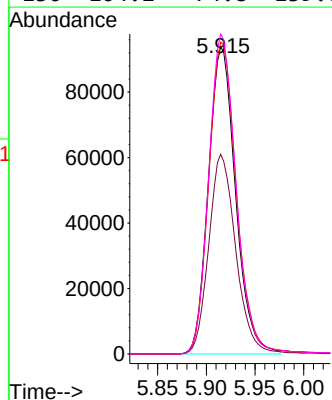
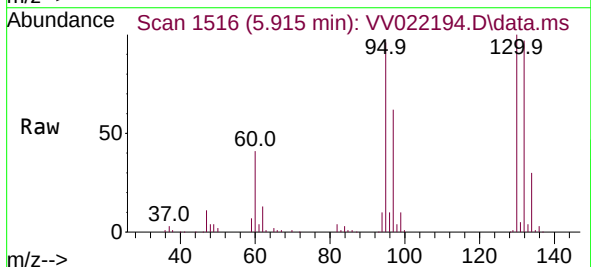
Instrument :
MSVOA_V
ClientSampled :

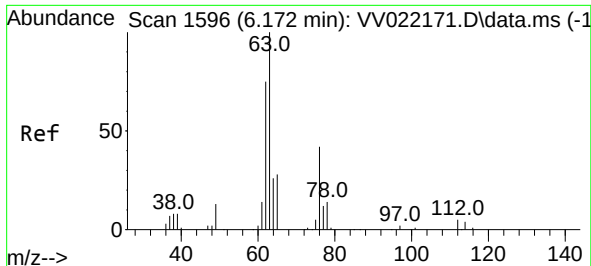
Tgt Ion: 97 Resp: 4885
Ion Ratio Lower Upper
97 100
99 72.9 52.0 78.0
61 48.2 31.8 47.8#



#34
Trichloroethene
Concen: 79.700 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

Tgt Ion: 95 Resp: 181794
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 101.6 70.7 131.3
130 104.2 74.8 139.0

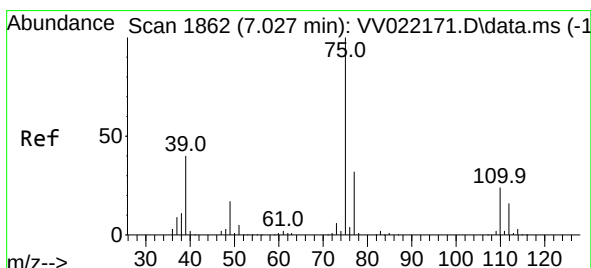
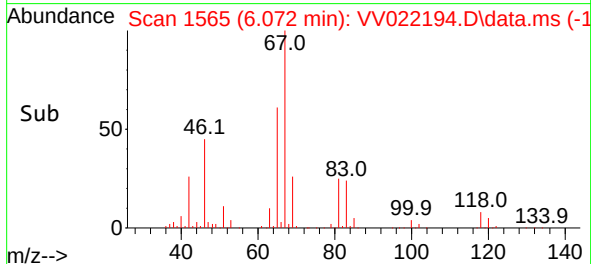
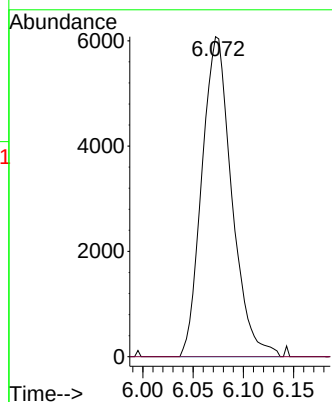
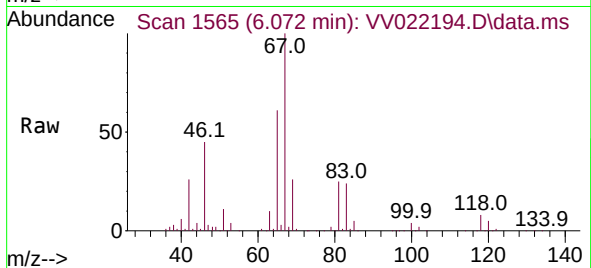




#37
1,2-Dichloropropane
Concen: 6.029 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

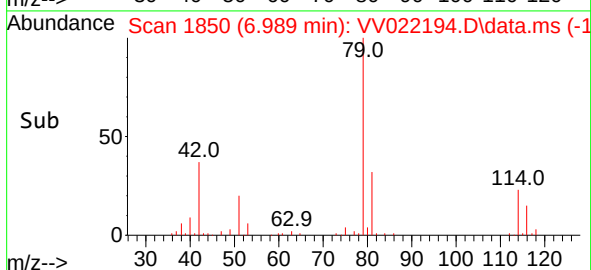
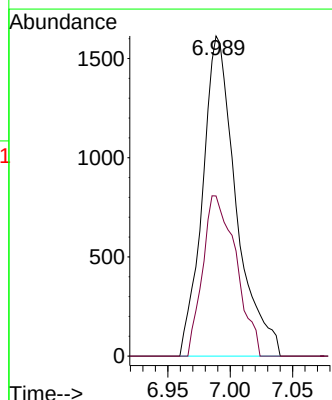
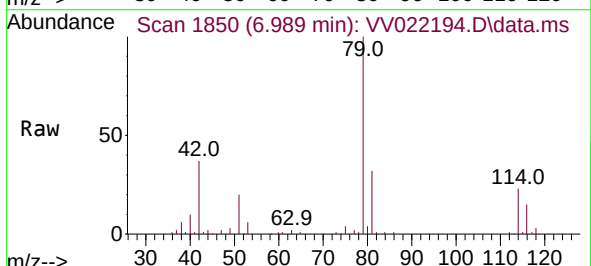
Instrument :
MSVOA_V
ClientSampled :

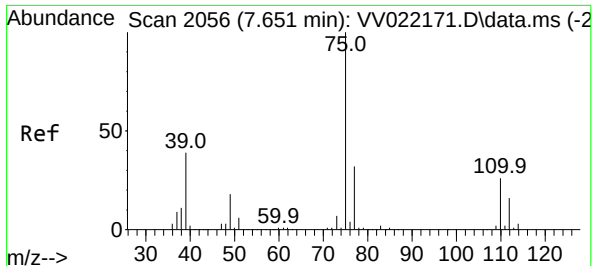
Tgt Ion: 63 Resp: 12585
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.936 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

Tgt Ion: 75 Resp: 3017
Ion Ratio Lower Upper
75 100
77 50.0 22.7 42.1#

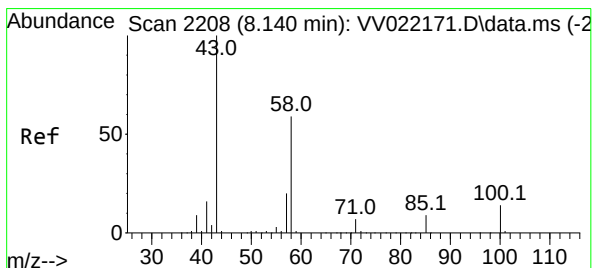
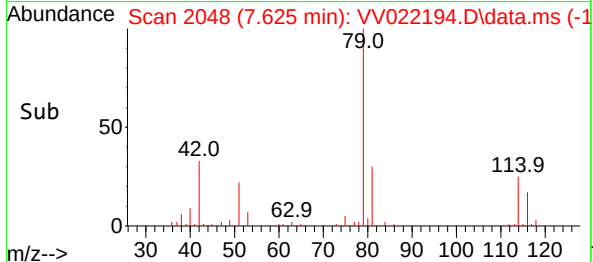
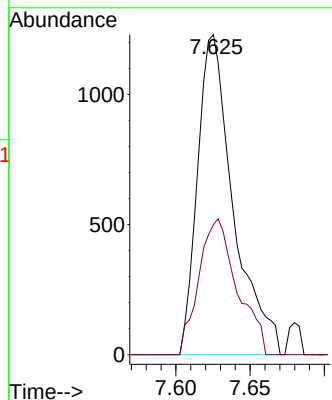
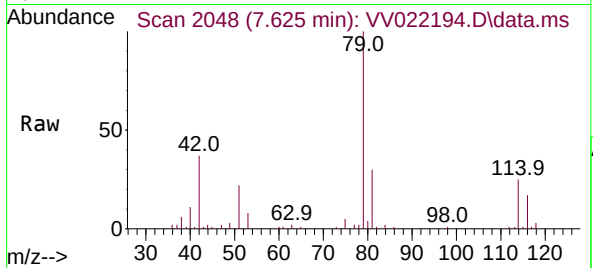




#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

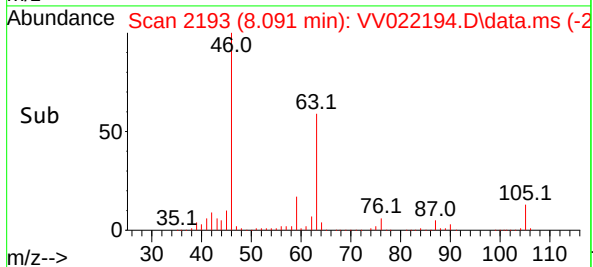
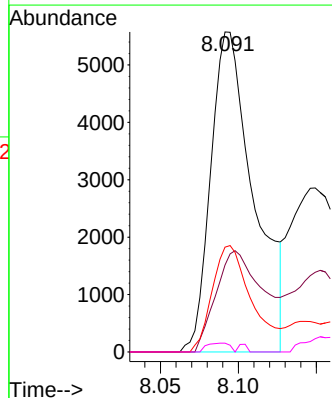
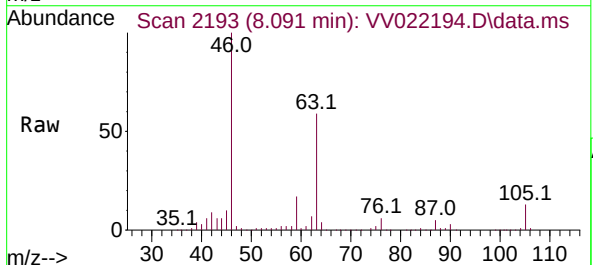
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MSVOA_V
ClientSampled :

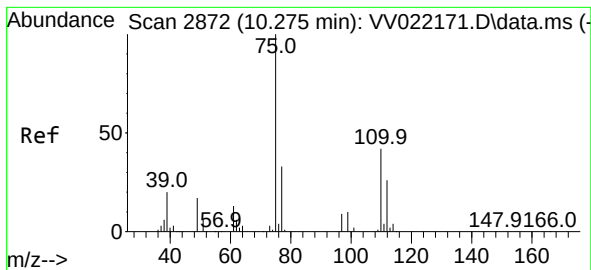
Tgt Ion: 75 Resp: 2064
Ion Ratio Lower Upper
75 100
77 40.6 21.8 40.6#



#48
2-Hexanone
Concen: 4.863 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

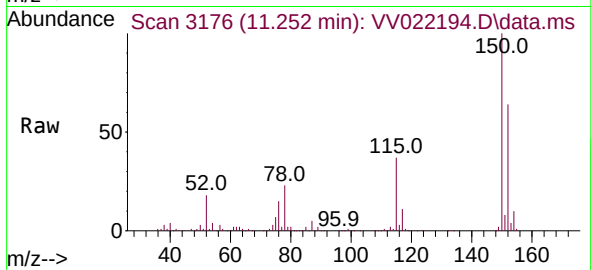
Tgt Ion: 43 Resp: 10677
Ion Ratio Lower Upper
43 100
58 33.4 47.5 71.3#
57 30.5 15.9 23.9#
100 1.5 11.4 17.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.441 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022194.D
 Acq: 17 Sep 2021 18:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	13682
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.2
110	1.7	33.8	50.6#

