

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020518.D
 Acq On : 11 Mar 2021 00:11
 Operator : SY/MD
 Sample : M1632-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B62

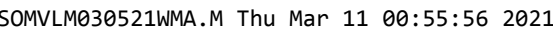
Quant Time: Mar 11 00:55:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

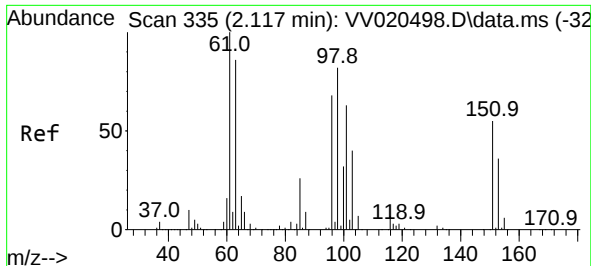
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	530852	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	525387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	260322	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	194524	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.571	69	151688	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.68%
11) 1,1-Dichloroethene-d2	2.108	63	261309	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.70%
21) 2-Butanone-d5	3.899	46	212442	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.352	84	326868	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.037	65	208837	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
32) Benzene-d6	5.053	84	694134	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.075	67	201715	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.320	98	649269	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloroprop...	7.625	79	92207	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.095	63	140265	97.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.89%
57) 1,1,2,2-Tetrachloroeth...	10.223	84	250653	47.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.46%
64) 1,2-Dichlorobenzene-d4	11.632	152	288204	56.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.10%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2577	0.75	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	34242	9.99	ug/L #	1
19) 1,1-Dichloroethane	3.195	63	4280	0.72	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	45975	12.29	ug/L	76
25) Chloroform	4.381	83	15677	2.36	ug/L	87
27) 1,2-Dichloroethane	5.053	62	3455	0.71	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	22924	4.01	ug/L	91
34) Trichloroethene	5.921	95	12714	3.10	ug/L #	81
37) 1,2-Dichloropropane	5.908	63	3199	0.93	ug/L	99
48) 2-Hexanone	8.149	43	13961	4.51	ug/L	96
59) 1,2,3-Trichloropropane	11.255	75	23242	5.03	ug/L #	85

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

Quant Time: Mar 11 00:55:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration

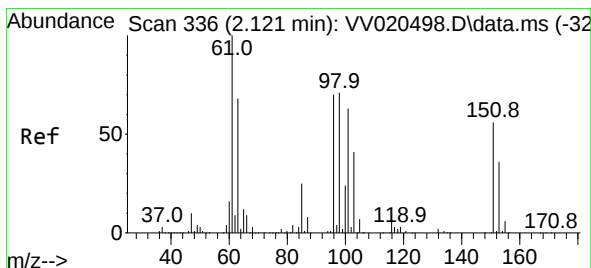
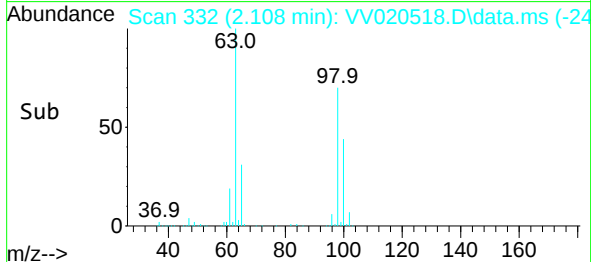
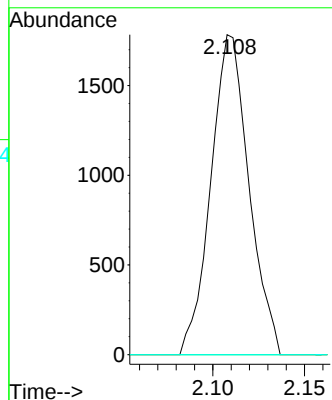
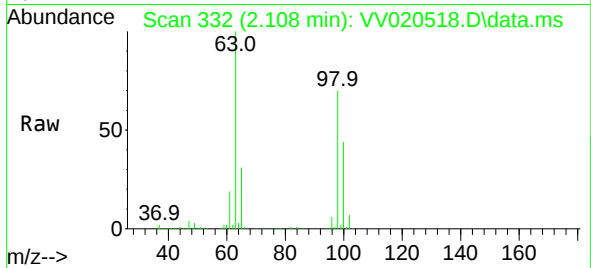




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.75 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

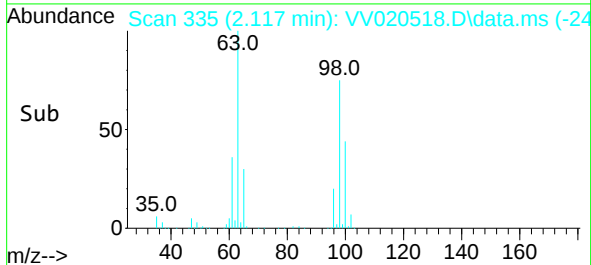
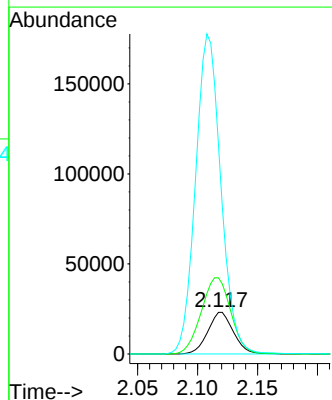
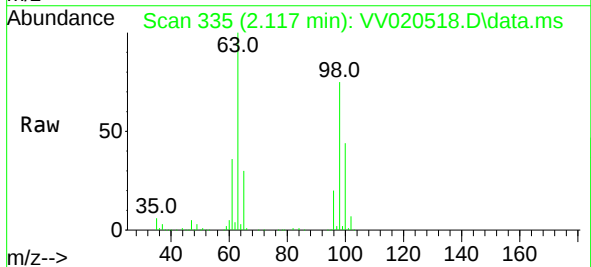
Instrument :
MSVOA_V
ClientSampleId :
C0B62

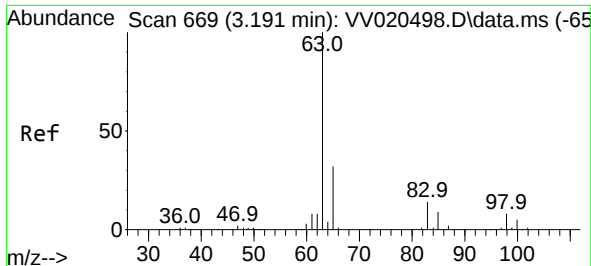
Tgt Ion:101 Resp: 2577
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#12
1,1-Dichloroethene
Concen: 9.99 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

Tgt Ion: 96 Resp: 34242
Ion Ratio Lower Upper
96 100
61 182.6 134.9 250.5
63 502.8 117.6 218.4#





#19

1,1-Dichloroethane

Concen: 0.72 ug/L

RT: 3.195 min Scan# 670

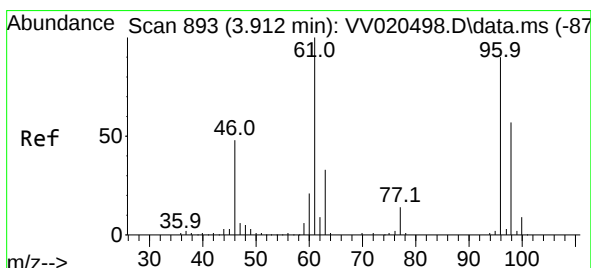
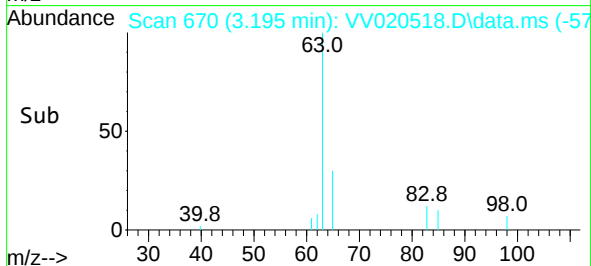
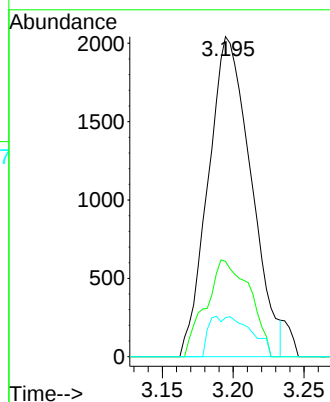
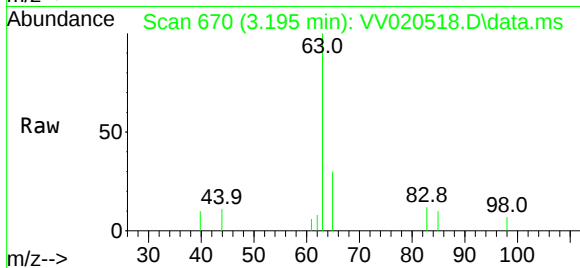
Delta R.T. 0.003 min

Lab File: VV020518.D

Acq: 11 Mar 2021 00:11

Tgt Ion:	63	Resp:	4280
Ion	Ratio	Lower	Upper
63	100		
65	29.8	21.9	40.7
83	12.2	9.5	17.7

Instrument :
MSVOA_V
ClientSampled :
C0B62



#20

cis-1,2-Dichloroethene

Concen: 12.29 ug/L

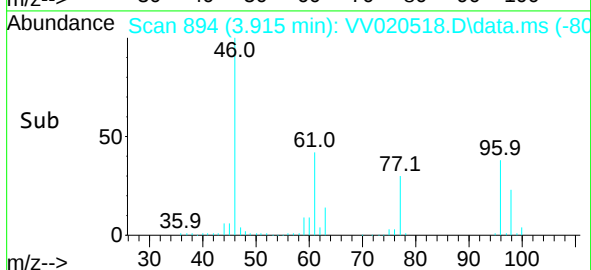
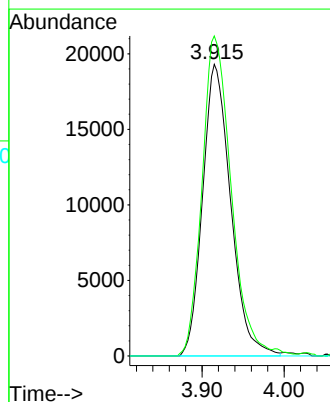
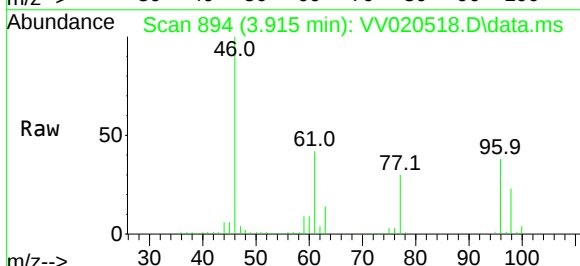
RT: 3.915 min Scan# 894

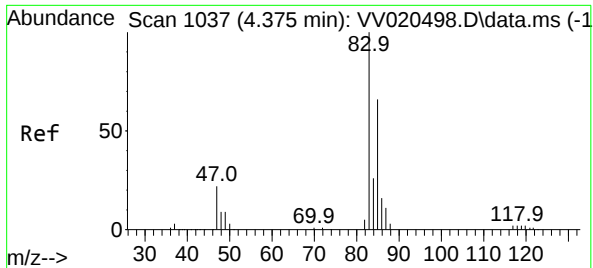
Delta R.T. 0.003 min

Lab File: VV020518.D

Acq: 11 Mar 2021 00:11

Tgt Ion:	96	Resp:	45975
Ion	Ratio	Lower	Upper
96	100		
61	109.7	96.9	179.9
68	0.0	0.0	0.0

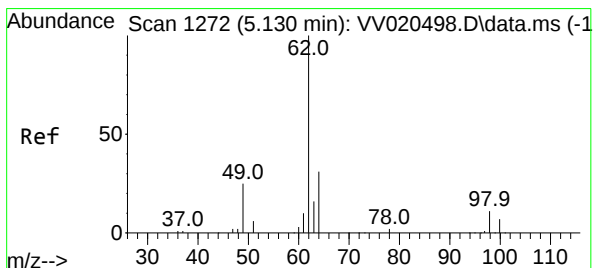
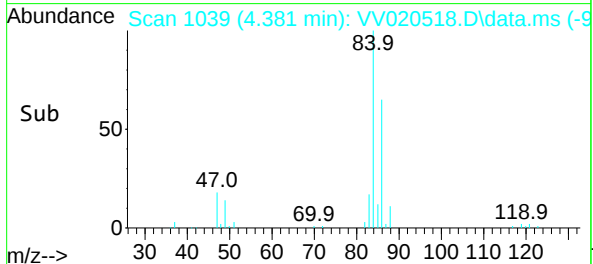
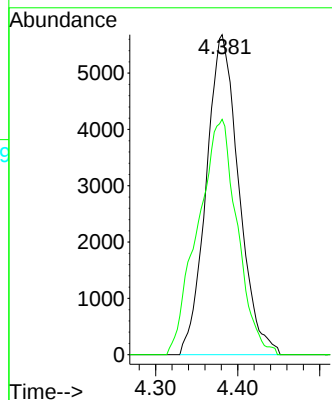
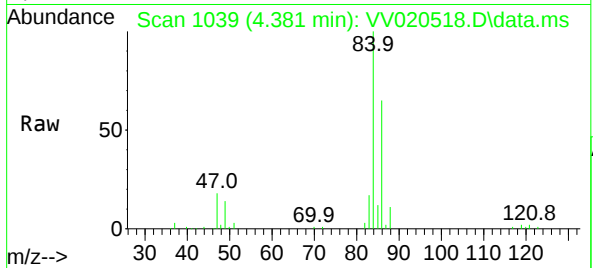




#25
Chloroform
Concen: 2.36 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

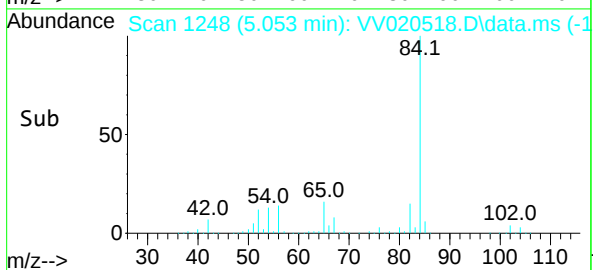
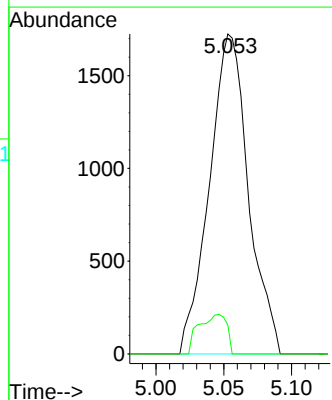
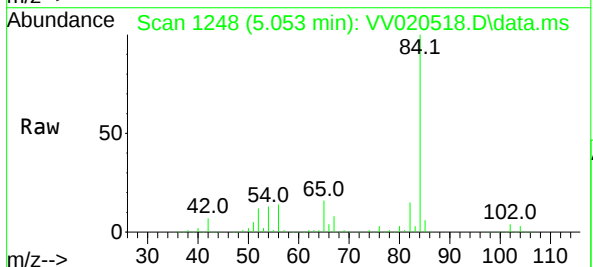
Instrument :
MSVOA_V
ClientSampled :
C0B62

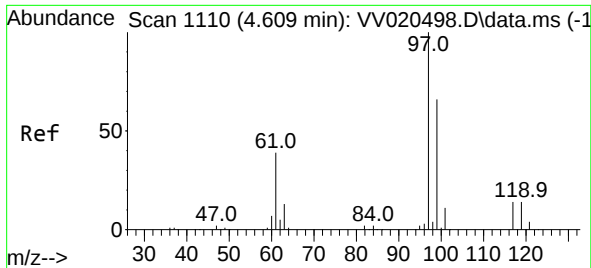
Tgt Ion: 83 Resp: 15677
Ion Ratio Lower Upper
83 100
85 73.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 0.71 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

Tgt Ion: 62 Resp: 3455
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3

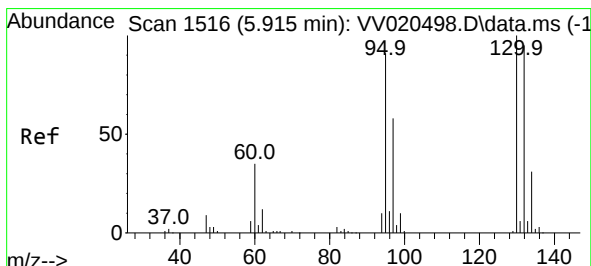
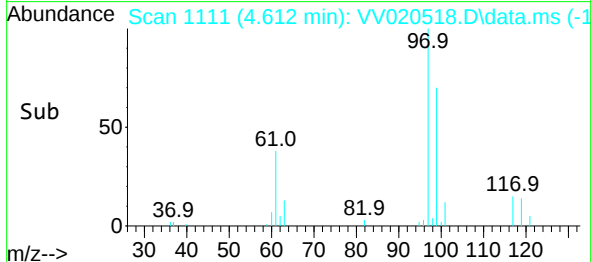
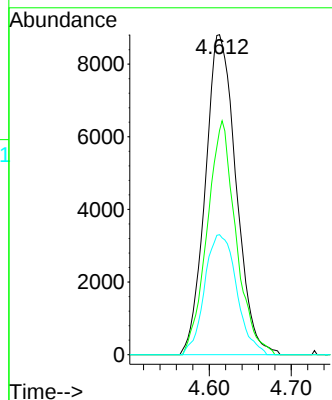
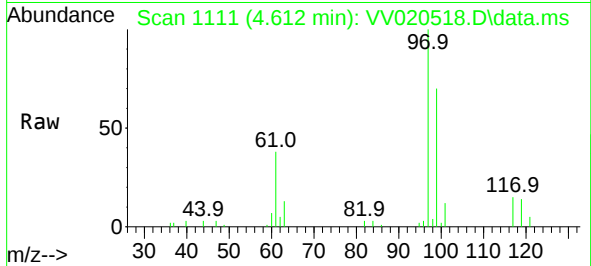




#30
1,1,1-Trichloroethane
Concen: 4.01 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

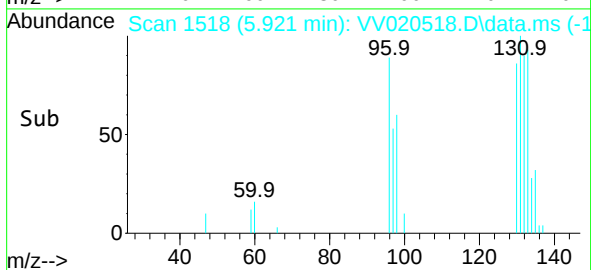
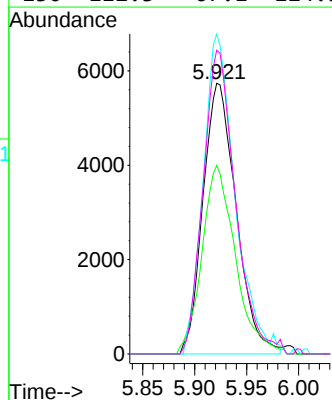
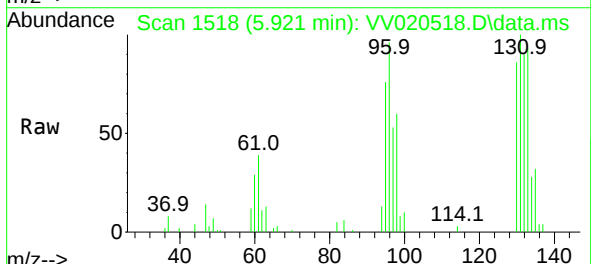
Instrument :
MSVOA_V
ClientSampled :
C0B62

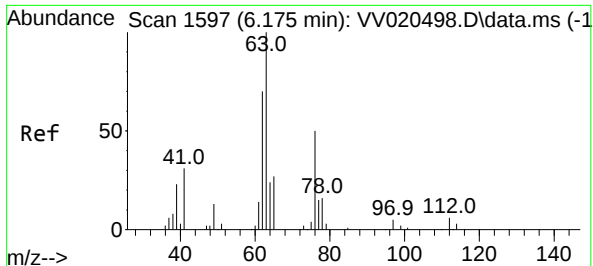
Tgt Ion:	97	Resp:	22924
Ion	Ratio	Lower	Upper
97	100		
99	68.6	51.2	76.8
61	39.1	38.5	57.7



#34
Trichloroethene
Concen: 3.10 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

Tgt Ion:	95	Resp:	12714
Ion	Ratio	Lower	Upper
95	100		
97	69.7	44.5	82.7
132	118.3	63.4	117.8#
130	112.3	67.1	124.5



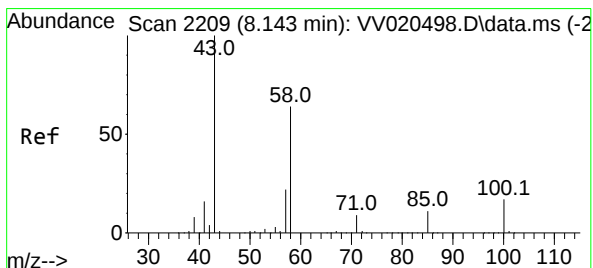
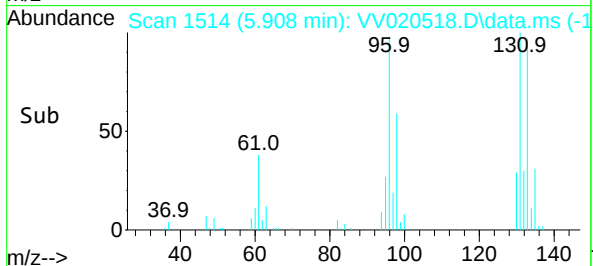
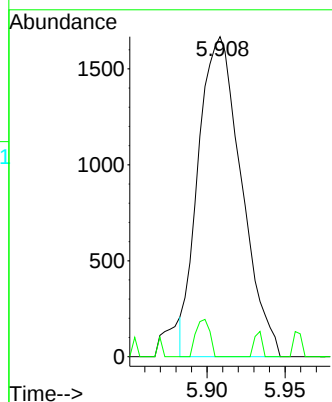
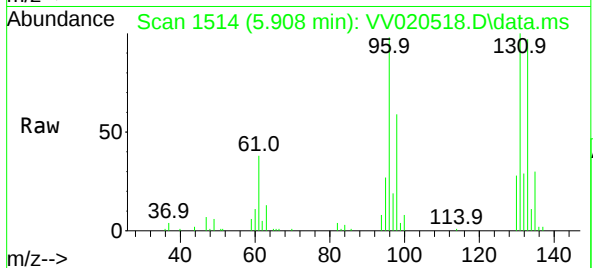


#37

1,2-Dichloropropane
Concen: 0.93 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.267 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

Instrument :
MSVOA_V
ClientSampleId :
C0B62

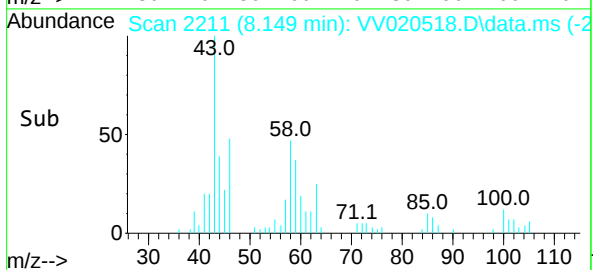
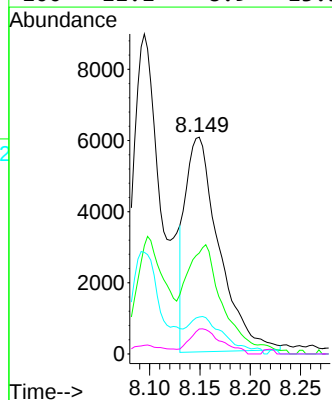
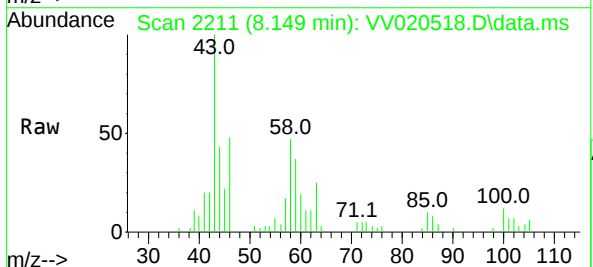
Tgt Ion: 63 Resp: 3199
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9

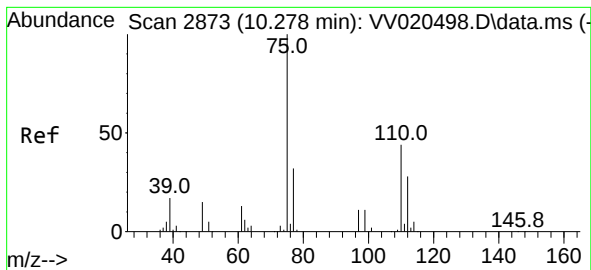


#48

2-Hexanone
Concen: 4.51 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020518.D
Acq: 11 Mar 2021 00:11

Tgt Ion: 43 Resp: 13961
Ion Ratio Lower Upper
43 100
58 48.7 41.8 62.6
57 16.9 15.0 22.4
100 11.1 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 5.03 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020518.D
 Acq: 11 Mar 2021 00:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B62

Tgt Ion: 75 Resp: 23242
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.4 38.0#

