

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020900.D
 Acq On : 03 Apr 2021 00:38
 Operator : SY/MD
 Sample : M1845-19DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C7DL

Quant Time: Apr 03 02:09:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 02:06:54 2021
 Response via : Initial Calibration

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

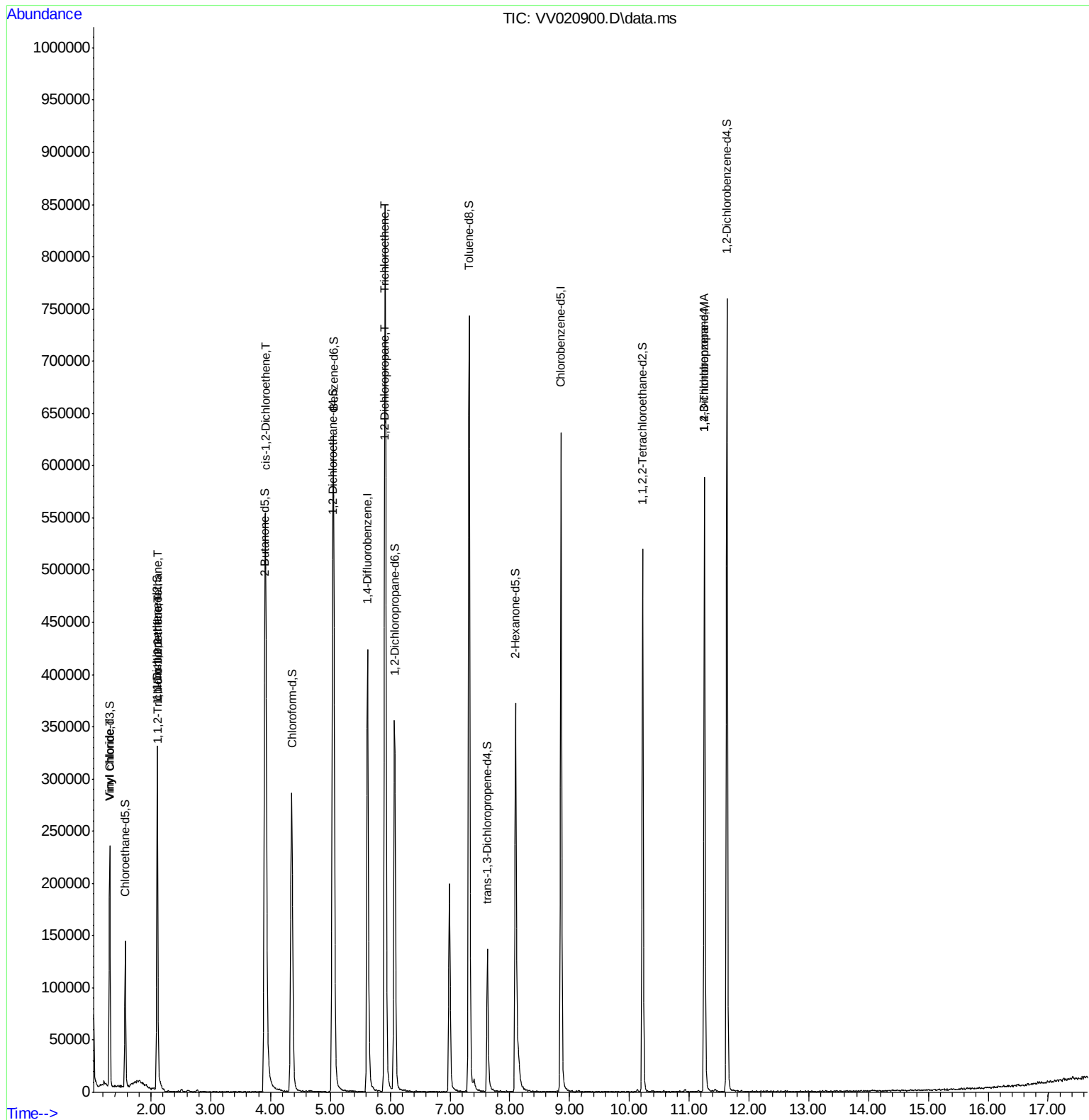
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	374433	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	364373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	160642	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	101293	38.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.22%		
7) Chloroethane-d5	1.571	69	86241	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.82%		
11) 1,1-Dichloroethene-d2	2.105	63	166148	33.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.26%		
21) 2-Butanone-d5	3.902	46	210278	121.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.59%		
24) Chloroform-d	4.352	84	294261	55.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.38%		
26) 1,2-Dichloroethane-d4	5.037	65	204686	58.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.62%		
32) Benzene-d6	5.053	84	530137	54.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.16%		
36) 1,2-Dichloropropane-d6	6.072	67	158620	53.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.40%		
41) Toluene-d8	7.320	98	495425	54.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.60%		
43) trans-1,3-Dichloroprop...	7.625	79	80735	50.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.78%		
47) 2-Hexanone-d5	8.095	63	134351	107.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.47%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	225366	51.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.78%		
64) 1,2-Dichlorobenzene-d4	11.632	152	202626	64.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	129.98%#		
Target Compounds						
5) Vinyl chloride	1.311	62	44574	15.58	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1865	0.79	ug/L #	19
12) 1,1-Dichloroethene	2.108	96	1979	0.91	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	268179	100.03	ug/L	92
34) Trichloroethene	5.915	95	284313	103.20	ug/L	97
37) 1,2-Dichloropropane	5.905	63	2479	0.94	ug/L	98
59) 1,2,3-Trichloropropane	11.256	75	14348	4.17	ug/L	91

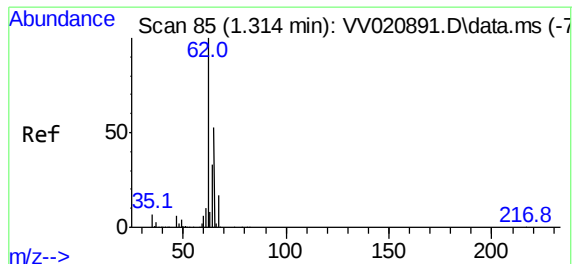
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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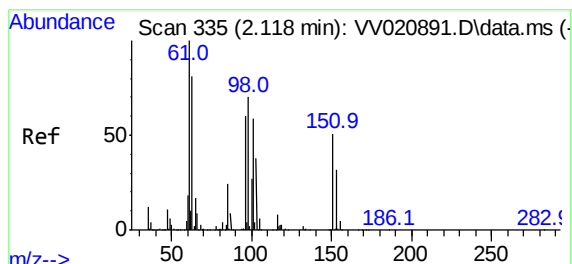
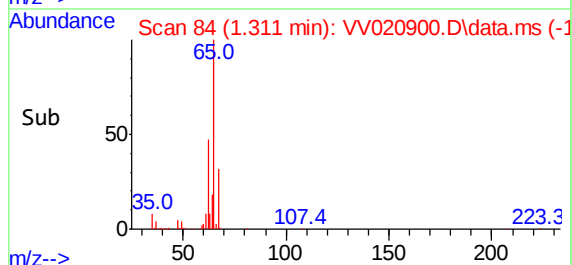
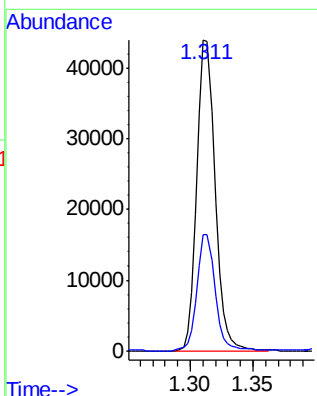
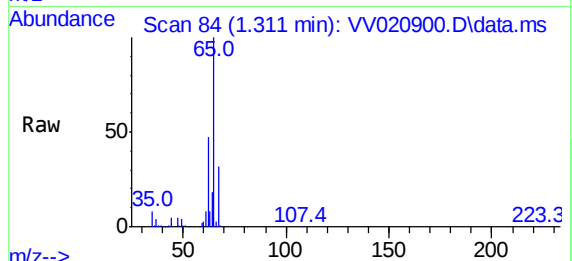




#5
Vinyl chloride
Concen: 15.58 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.003 min
Lab File: VV020900.D
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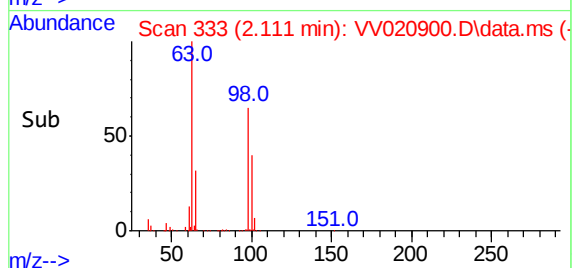
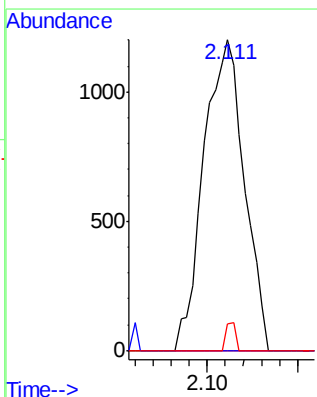
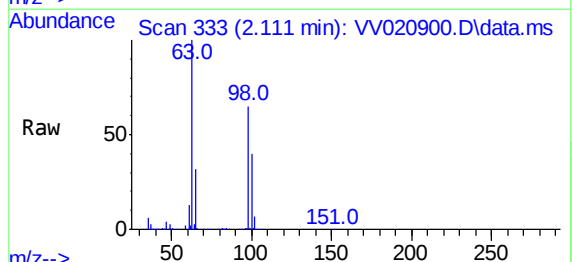
Instrument :
MSVOA_V
ClientSampleId :
EW1C7DL

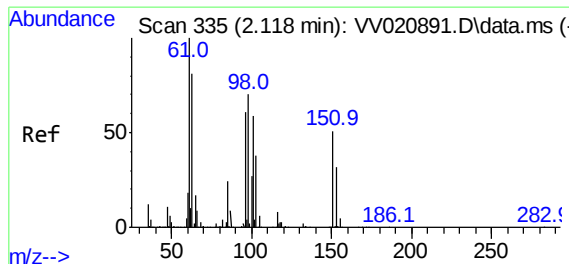
Tgt Ion: 62 Resp: 44574
Ion Ratio Lower Upper
62 100
64 37.2 23.3 43.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.79 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV020900.D
Acq: 03 Apr 2021 00:38

Tgt Ion:101 Resp: 1865
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.0#
151 2.2 63.5 95.3#

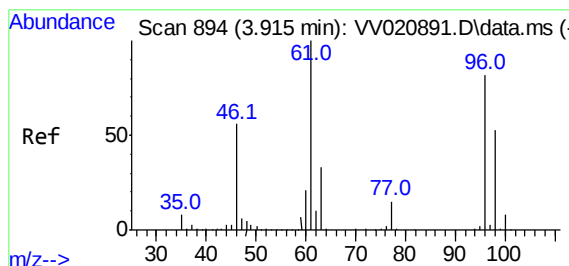
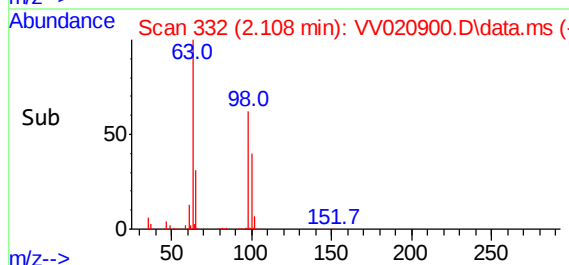
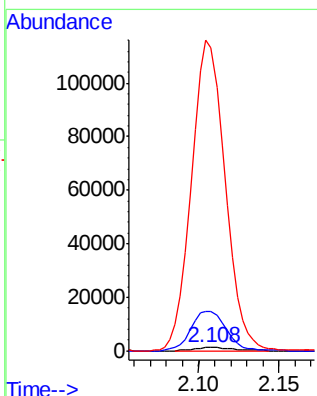
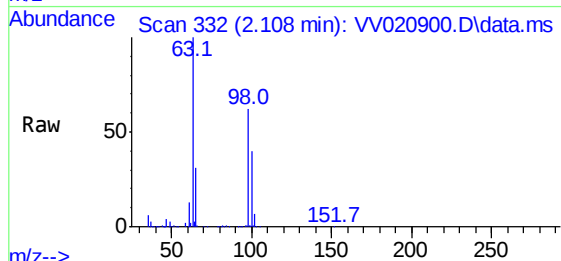




#12
1,1-Dichloroethene
Concen: 0.91 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020900.D
Acq: 03 Apr 2021 00:38

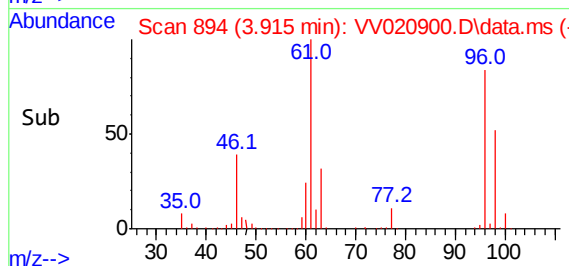
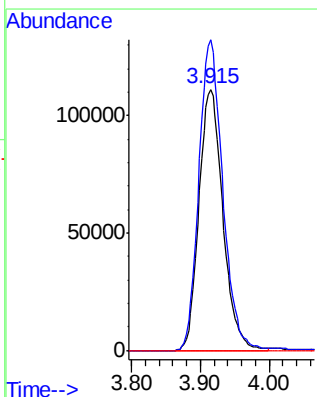
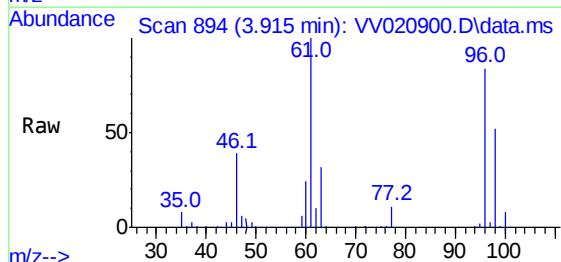
Instrument :
MSVOA_V
ClientSampleId :
EW1C7DL

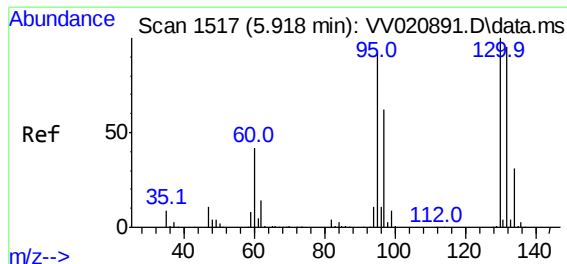
Tgt Ion: 96 Resp: 1979
Ion Ratio Lower Upper
96 100
61 1281.5 126.3 234.6#
63 9975.4 100.2 186.2#



#20
cis-1,2-Dichloroethene
Concen: 100.03 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020900.D
Acq: 03 Apr 2021 00:38

Tgt Ion: 96 Resp: 268179
Ion Ratio Lower Upper
96 100
61 119.1 89.9 167.0
68 0.0 0.0 0.0



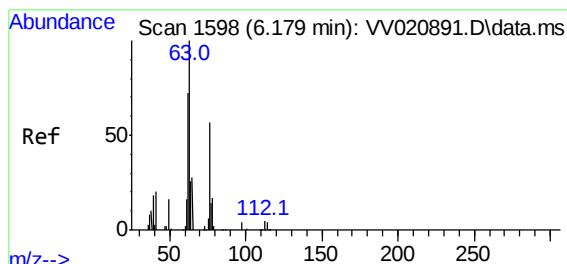
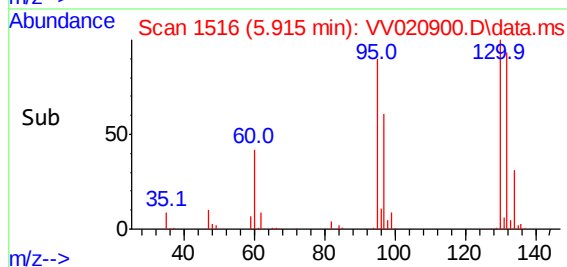
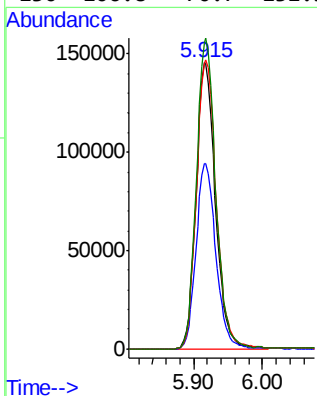
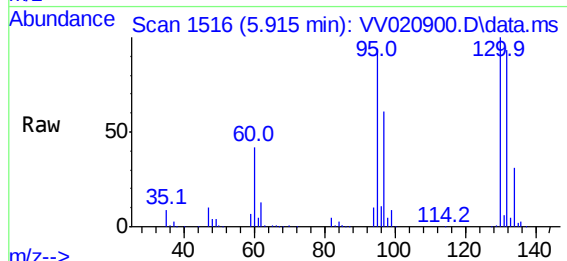


#34
Trichloroethene
Concen: 103.20 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020900.D
Acq: 03 Apr 2021 00:38

Instrument :
MSVOA_V
ClientSampleId :
EW1C7DL

Tgt Ion: 95 Resp: 284313

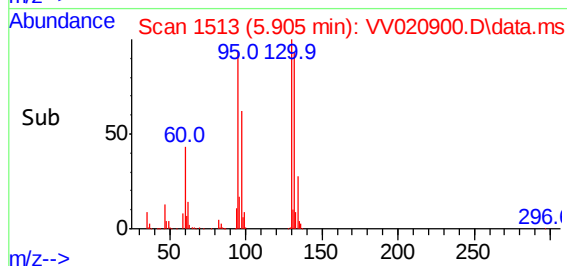
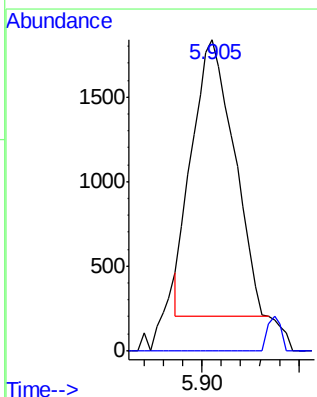
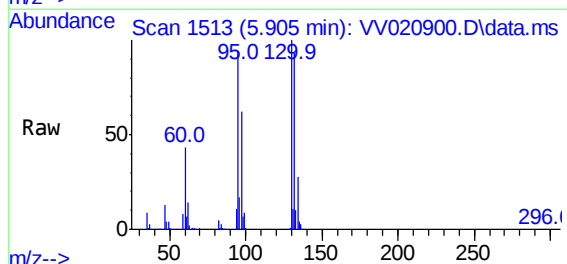
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.5	80.9
132	99.3	69.5	129.1
130	106.8	70.7	131.3

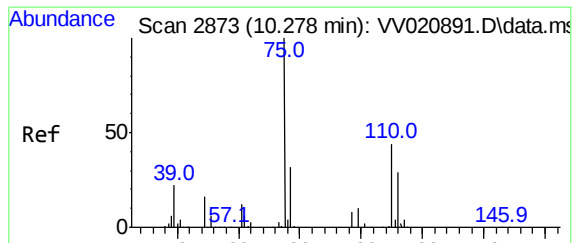


#37
1,2-Dichloropropane
Concen: 0.94 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.273 min
Lab File: VV020900.D
Acq: 03 Apr 2021 00:38

Tgt Ion: 63 Resp: 2479

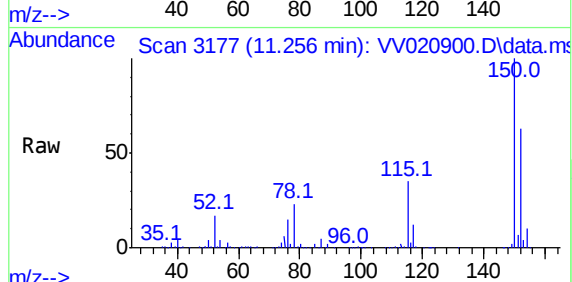
Ion	Ratio	Lower	Upper
63	100		
112	4.0	3.7	5.5





#59
 1,2,3-Trichloropropane
 Concen: 4.17 ug/L
 RT: 11.256 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020900.D
 Acq: 03 Apr 2021 00:38

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C7DL



Tgt Ion: 75 Resp: 14348
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.3 37.9

