

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033223.D
 Acq On : 11 Dec 2023 19:14
 Operator : SY/MD
 Sample : 05730-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:43:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

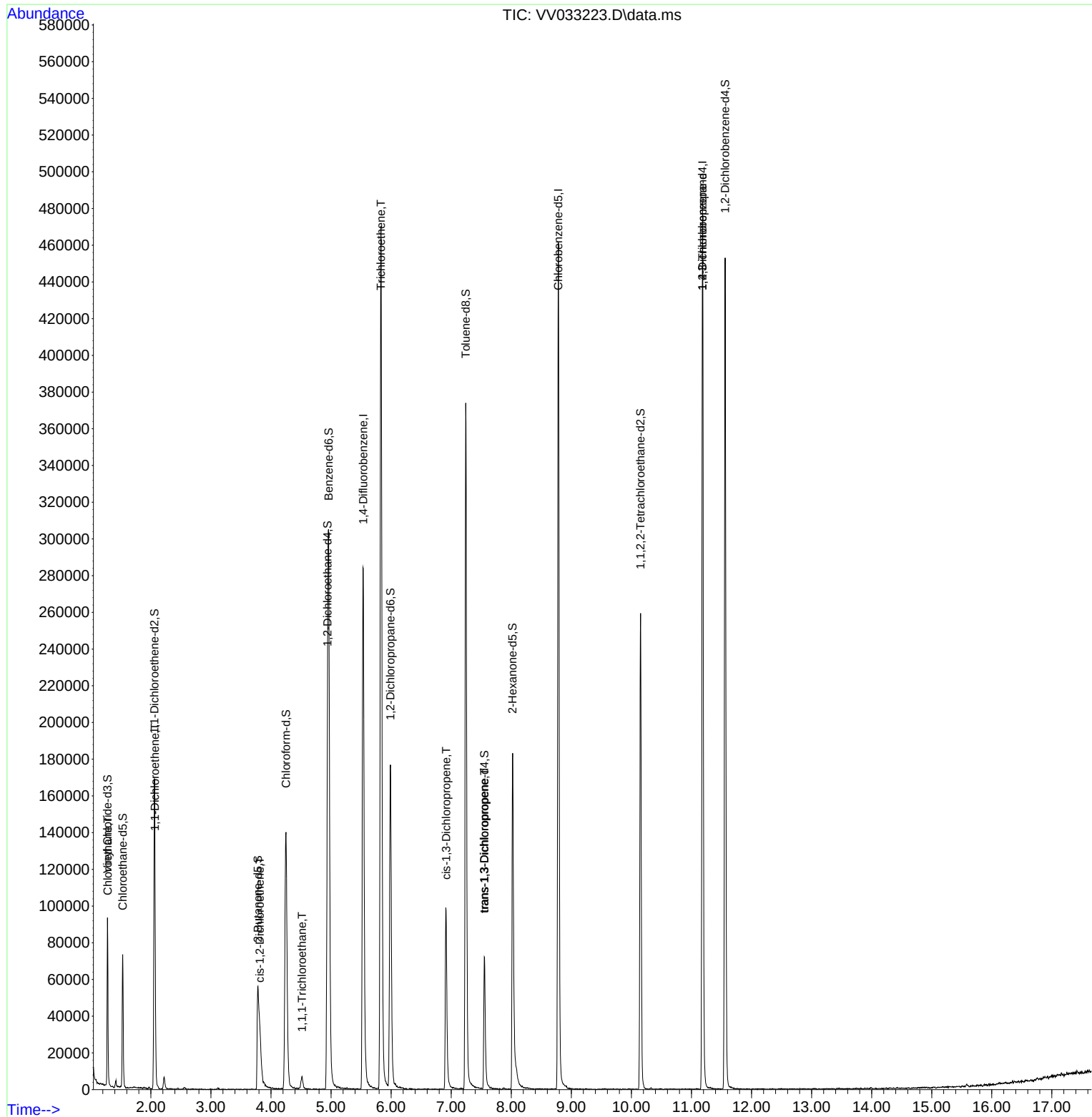
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	269816	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	271841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	137414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57645	35.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.480%		
7) Chloroethane-d5	1.532	69	46657	41.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.040%		
11) 1,1-Dichloroethene-d2	2.060	65	24216	39.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.920%		
21) 2-Butanone-d5	3.780	46	77805	97.120	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.120%		
24) Chloroform-d	4.249	84	154381	45.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
26) 1,2-Dichloroethane-d4	4.941	65	100733	47.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.660%		
32) Benzene-d6	4.960	84	277617	43.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.340%		
36) 1,2-Dichloropropane-d6	5.989	67	78830	46.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.220%		
41) Toluene-d8	7.243	98	257875	42.519	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.040%		
43) trans-1,3-Dichloroprop...	7.551	79	43766	40.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.980%		
47) 2-Hexanone-d5	8.021	63	62540	91.067	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.070%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	115205	47.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.820%		
66) 1,2-Dichlorobenzene-d4	11.561	152	125203	51.210	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.420%		
Target Compounds						Qvalue
8) Chloroethane	1.282	64	943	0.949	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	9780	7.230	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	11293	5.992	ug/L	95
30) 1,1,1-Trichloroethane	4.516	97	5880	1.750	ug/L	94
34) Trichloroethene	5.831	95	158219	76.880	ug/L	97
39) cis-1,3-Dichloropropene	6.918	75	2657	0.918	ug/L	90
44) trans-1,3-Dichloropropene	7.555	75	2264	0.774	ug/L	88
61) 1,2,3-Trichloropropane	11.185	75	12700	7.412	ug/L #	61

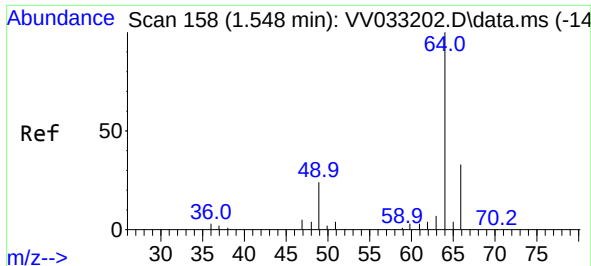
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

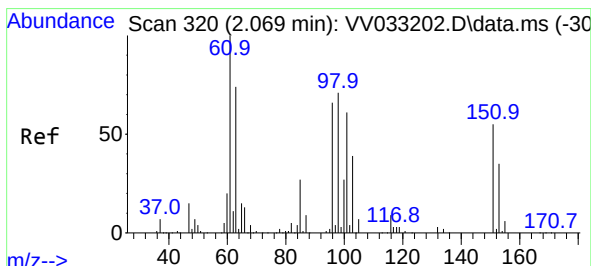
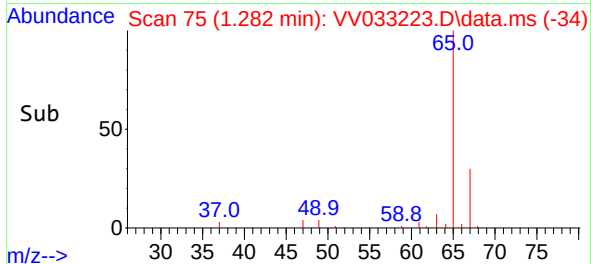
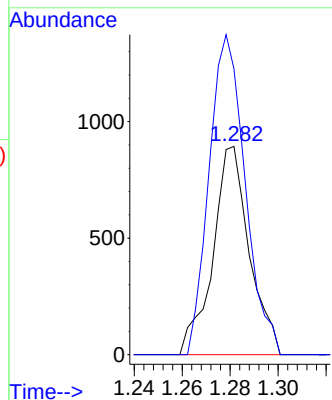
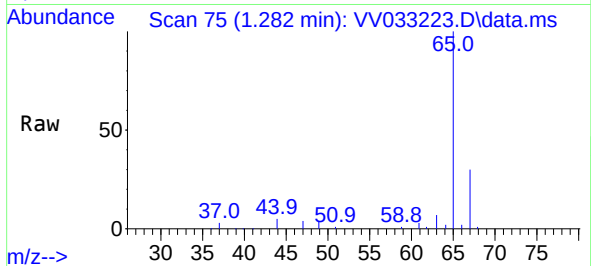




#8
Chloroethane
Concen: 0.949 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

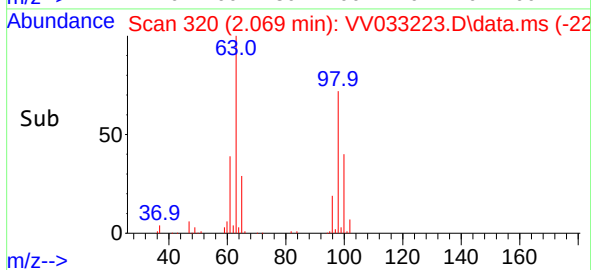
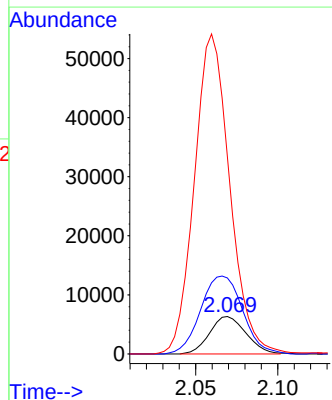
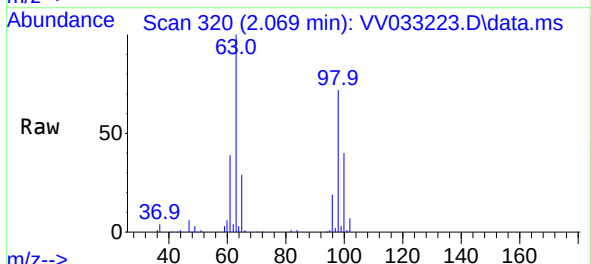
Instrument :
MSVOA_V
ClientSampleId :

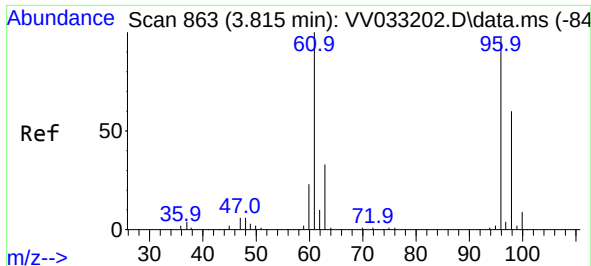
Tgt Ion: 64 Resp: 943
Ion Ratio Lower Upper
64 100
66 137.2 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 7.230 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

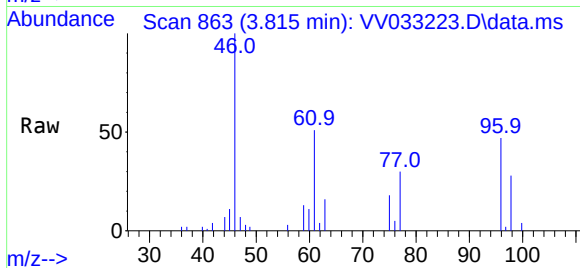
Tgt Ion: 96 Resp: 9780
Ion Ratio Lower Upper
96 100
61 202.5 109.1 202.7
63 525.4 85.3 158.3#





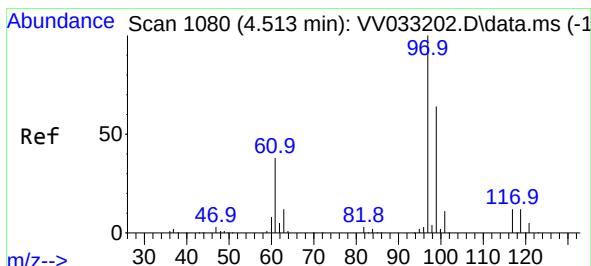
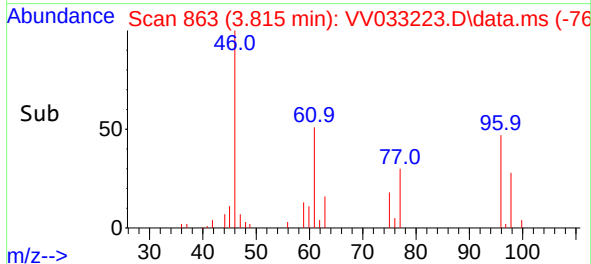
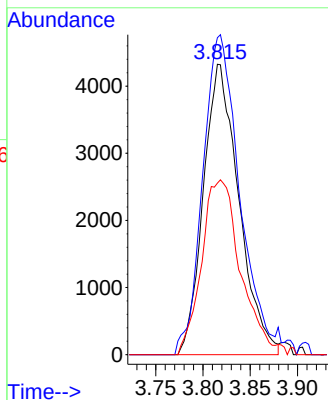
#20
 cis-1,2-Dichloroethene
 Concen: 5.992 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033223.D
 Acq: 11 Dec 2023 19:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 11293

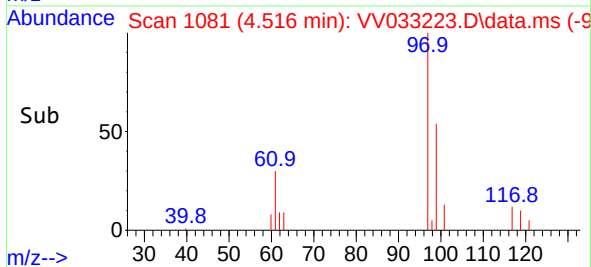
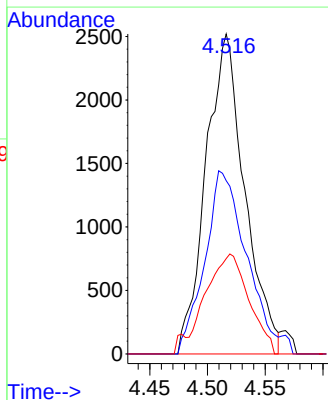
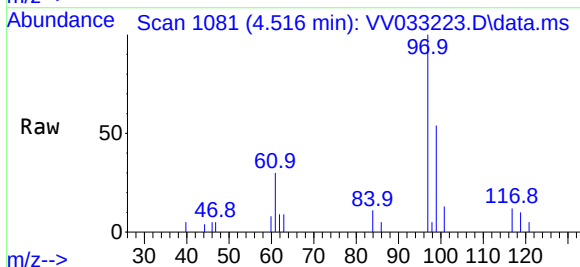
Ion	Ratio	Lower	Upper
96	100		
61	109.1	79.1	146.9
98	59.0	45.1	83.7

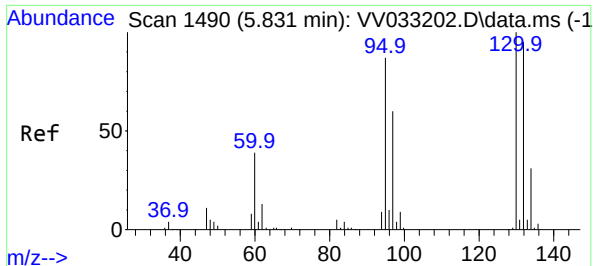


#30
 1,1,1-Trichloroethane
 Concen: 1.750 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.007 min
 Lab File: VV033223.D
 Acq: 11 Dec 2023 19:14

Tgt Ion: 97 Resp: 5880

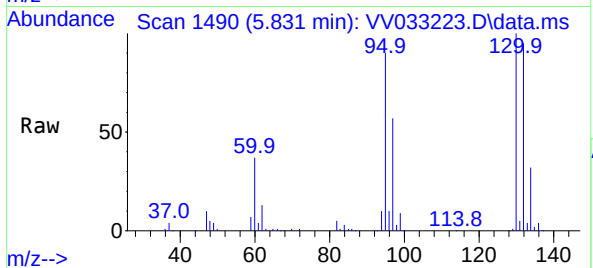
Ion	Ratio	Lower	Upper
97	100		
99	61.2	51.3	76.9
61	34.3	31.8	47.8



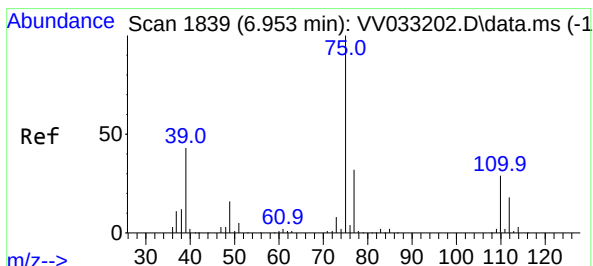
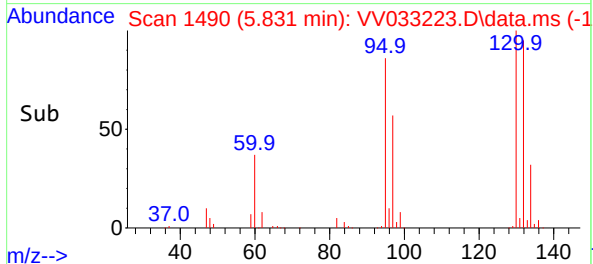
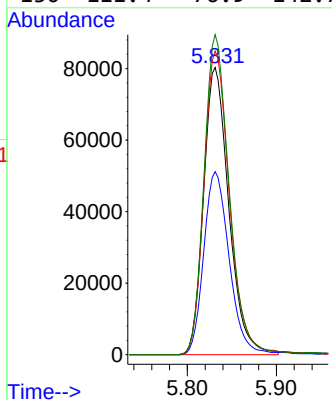


#34
Trichloroethene
Concen: 76.880 ug/L
RT: 5.831 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

Instrument :
MSVOA_V
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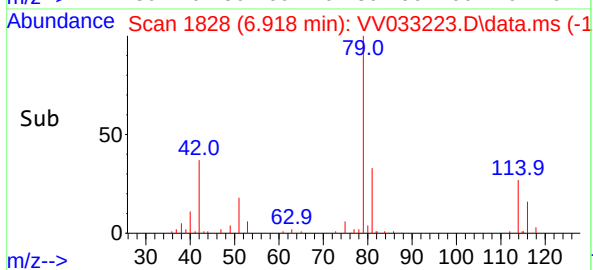
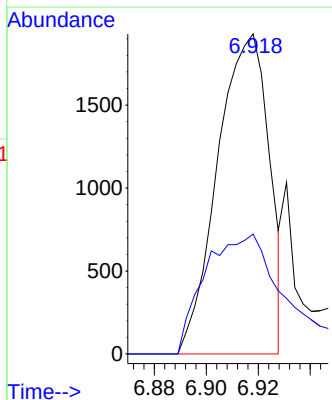
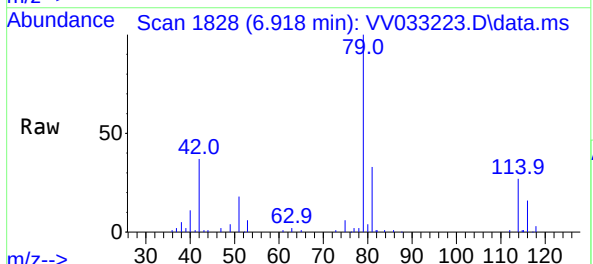


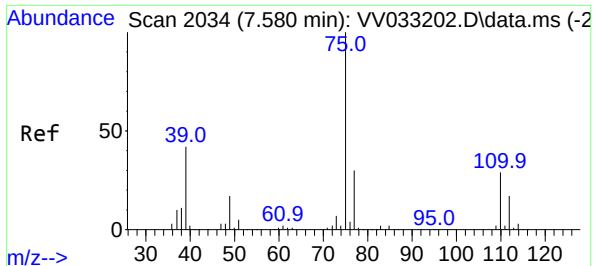
Tgt Ion: 95 Resp: 158219
Ion Ratio Lower Upper
95 100
97 63.7 45.8 85.0
132 105.7 77.4 143.8
130 111.4 76.9 142.7



#39
cis-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.032 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

Tgt Ion: 75 Resp: 2657
Ion Ratio Lower Upper
75 100
77 37.4 22.4 41.6

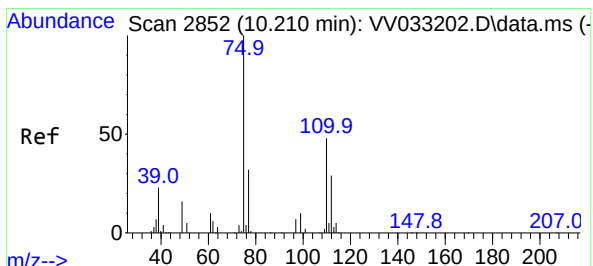
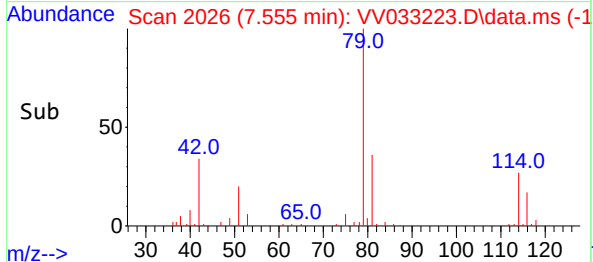
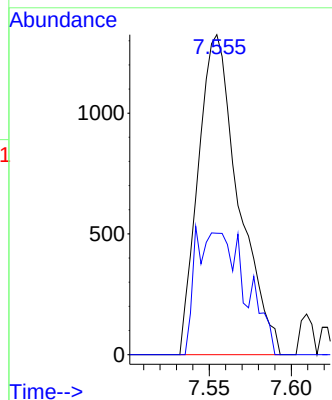
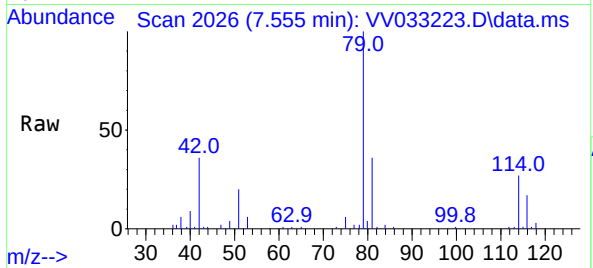




#44
trans-1,3-Dichloropropene
Concen: 0.774 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2264
Ion Ratio Lower Upper
75 100
77 38.0 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 7.412 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.978 min
Lab File: VV033223.D
Acq: 11 Dec 2023 19:14

Tgt Ion: 75 Resp: 12700
Ion Ratio Lower Upper
75 100
77 35.0 27.0 40.6
110 3.3 38.1 57.1#

