

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034618.D
 Acq On : 14 Mar 2024 21:26
 Operator : SY/MD
 Sample : P1751-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL19

Quant Time: Mar 15 06:54:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

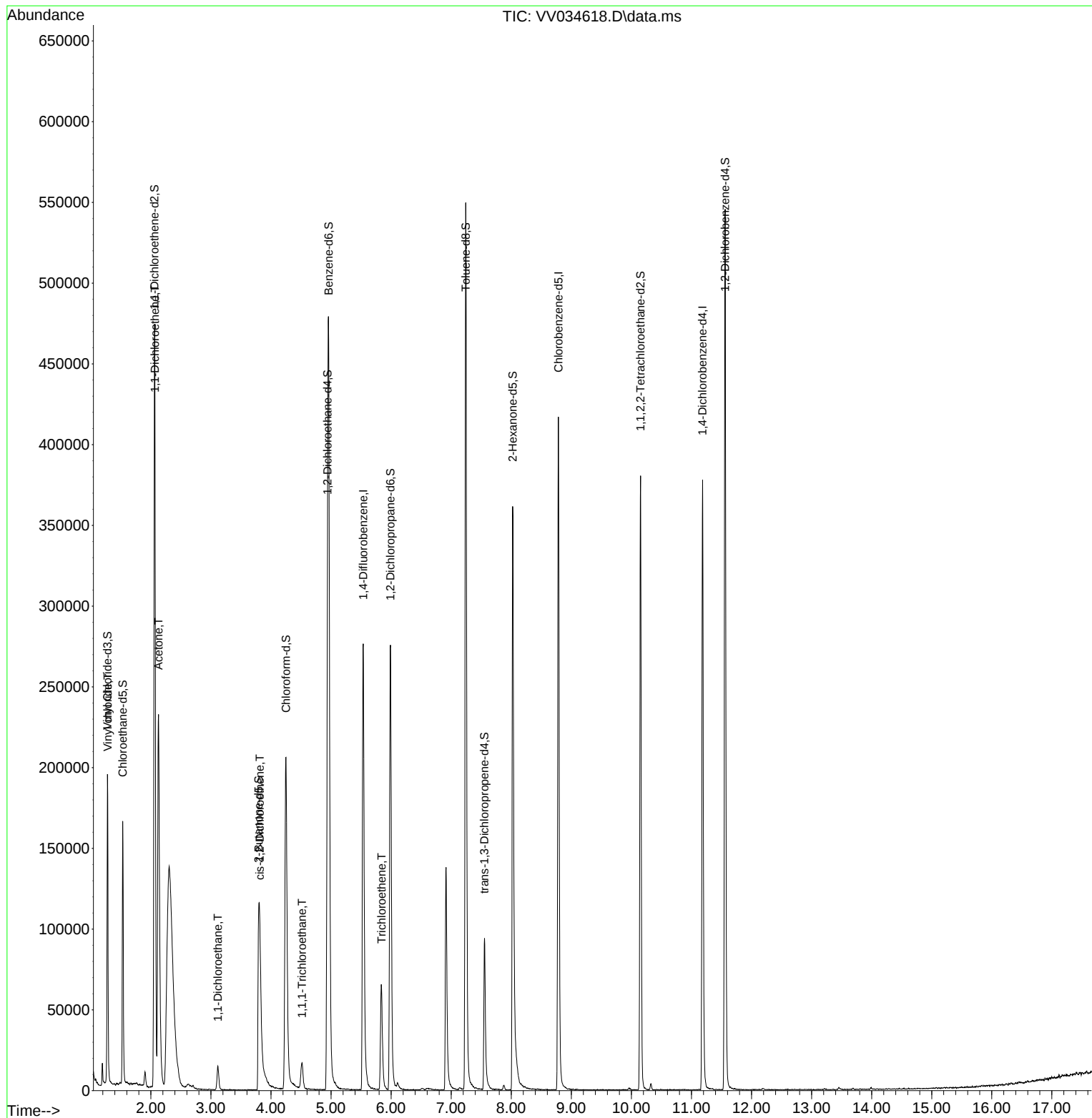
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	238864	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	223678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112510	54.334	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.660%		
7) Chloroethane-d5	1.532	69	99241	61.517	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 123.040%		
11) 1,1-Dichloroethene-d2	2.059	65	52432	55.989	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 111.980%		
21) 2-Butanone-d5	3.796	46	190517	137.581	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 137.580%#		
24) Chloroform-d	4.249	84	215160	58.767	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 117.540%		
26) 1,2-Dichloroethane-d4	4.940	65	147353	61.589	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 123.180%		
32) Benzene-d6	4.960	84	421236	62.399	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 124.800%		
36) 1,2-Dichloropropane-d6	5.989	67	131269	63.718	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 127.440%#		
41) Toluene-d8	7.243	98	363730	59.540	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 119.080%		
43) trans-1,3-Dichloroprop...	7.554	79	55472	53.619	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 107.240%		
47) 2-Hexanone-d5	8.024	63	128540	124.947	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 124.950%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	175261	64.644	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 129.280%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	138090	69.561	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 139.120%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	4871	2.038	ug/L	# 43
12) 1,1-Dichloroethene	2.069	96	70163	39.228	ug/L	82
13) Acetone	2.127	43	337333	202.638	ug/L	99
19) 1,1-Dichloroethane	3.114	63	15352	4.527	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	20762	11.053	ug/L	94
30) 1,1,1-Trichloroethane	4.516	97	14007	4.367	ug/L	98
34) Trichloroethene	5.841	95	22889	11.598	ug/L	98

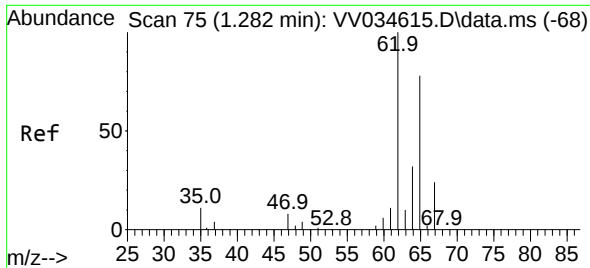
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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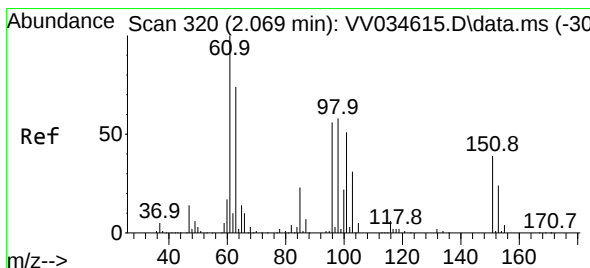
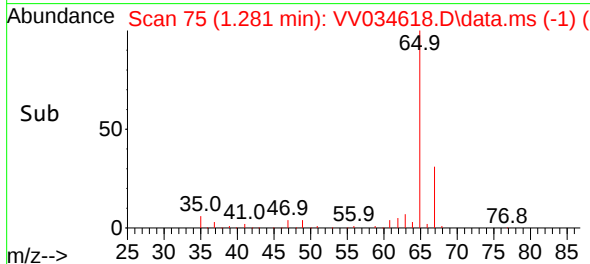
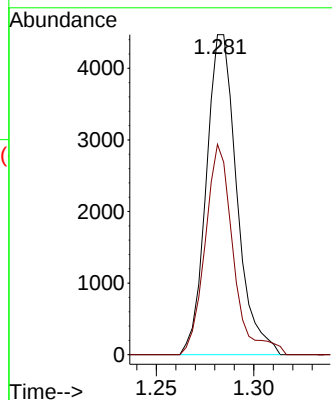
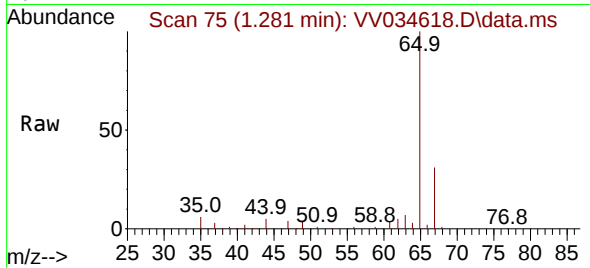




#5
 Vinyl chloride
 Concen: 2.038 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034618.D
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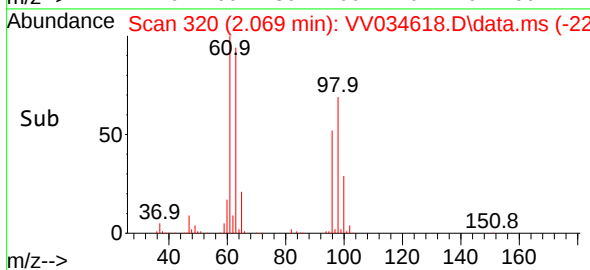
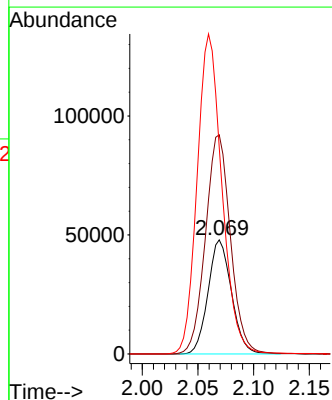
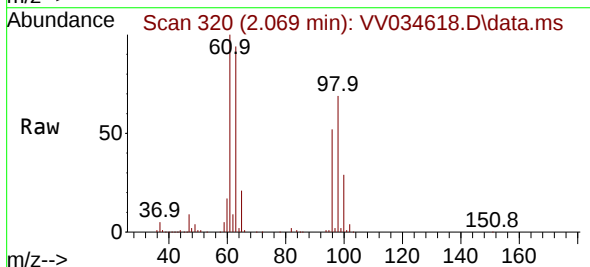
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL19

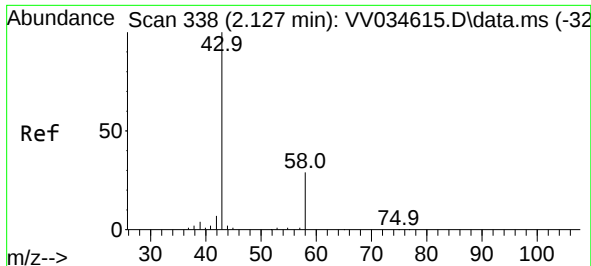
Tgt Ion: 62 Resp: 4871
 Ion Ratio Lower Upper
 62 100
 64 65.8 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 39.228 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034618.D
 Acq: 14 Mar 2024 21:26

Tgt Ion: 96 Resp: 70163
 Ion Ratio Lower Upper
 96 100
 61 192.2 128.9 239.3
 63 180.9 98.0 182.0





#13

Acetone

Concen: 202.638 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.000 min

Lab File: VV034618.D

Acq: 14 Mar 2024 21:26

Instrument :

MSVOA_V

ClientSampleId :

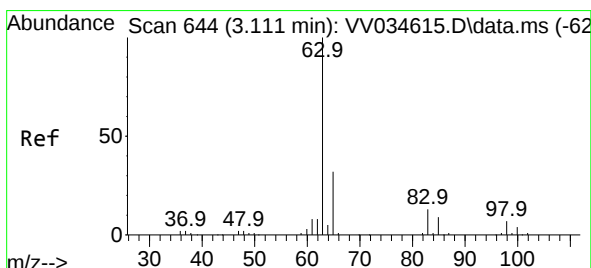
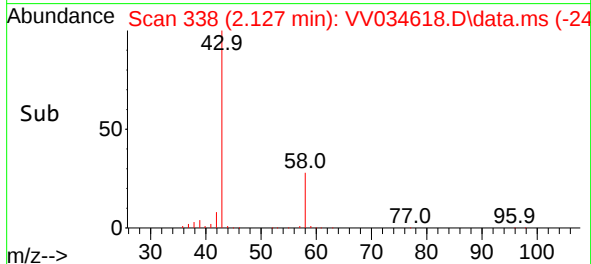
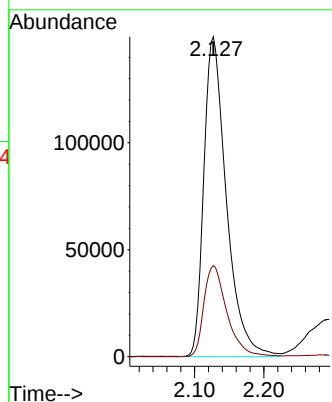
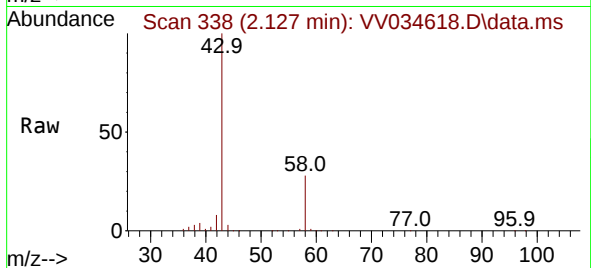
YCL19

Tgt Ion: 43 Resp: 337333

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#19

1,1-Dichloroethane

Concen: 4.527 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034618.D

Acq: 14 Mar 2024 21:26

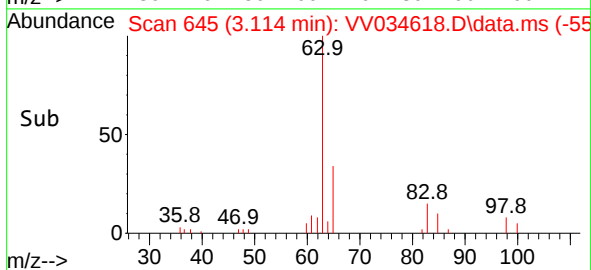
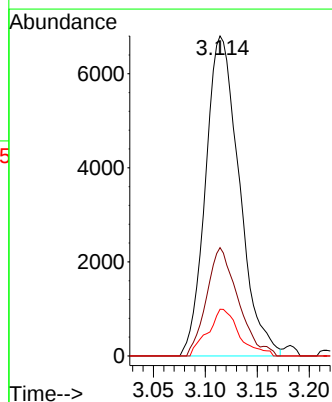
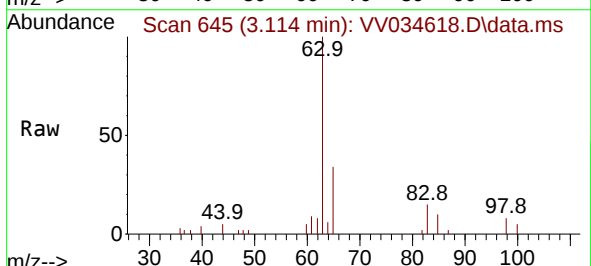
Tgt Ion: 63 Resp: 15352

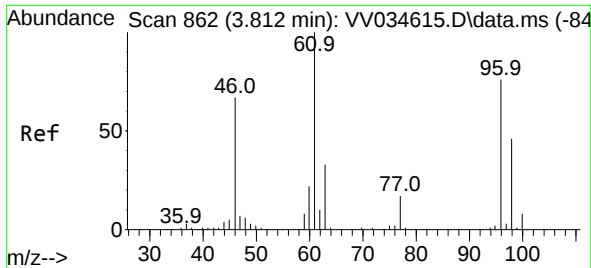
Ion Ratio Lower Upper

63 100

65 33.9 22.1 41.1

83 14.6 9.9 18.3

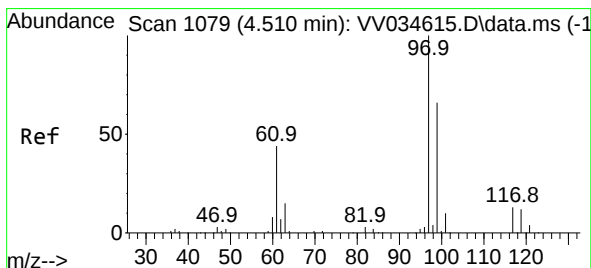
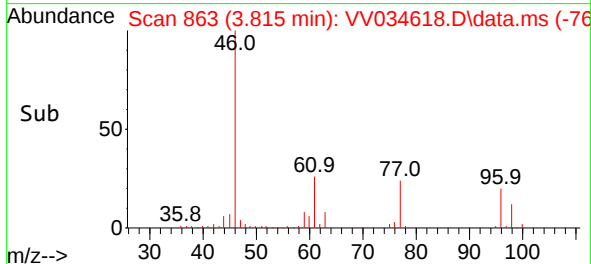
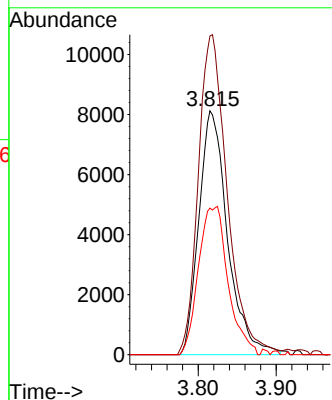
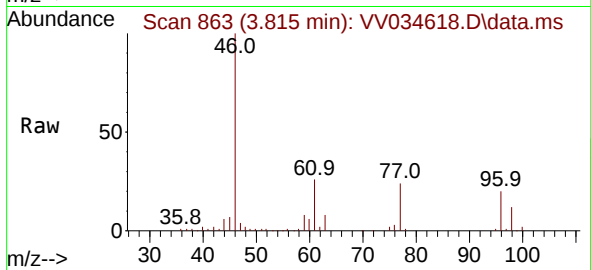




#20
 cis-1,2-Dichloroethene
 Concen: 11.053 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034618.D
 Acq: 14 Mar 2024 21:26

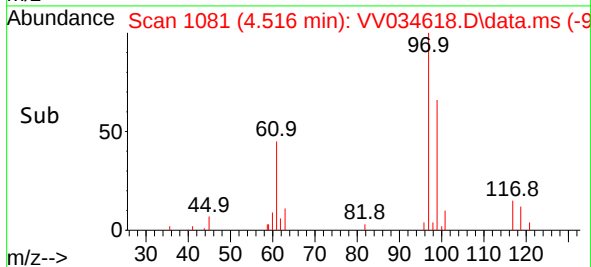
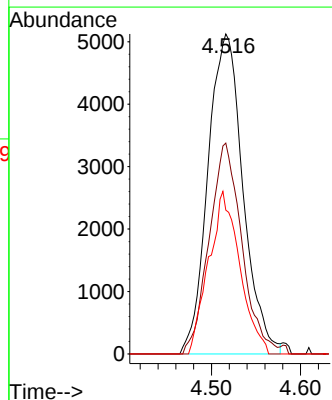
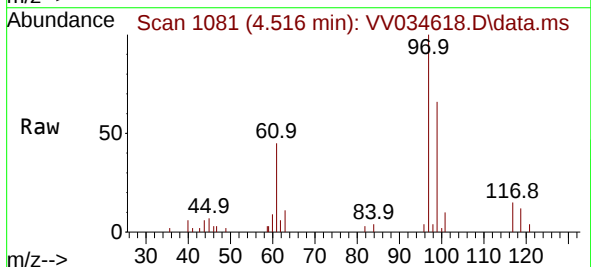
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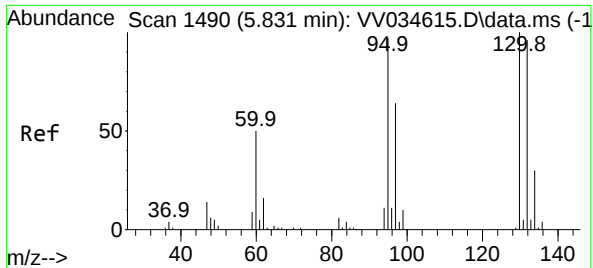
Tgt Ion: 96 Resp: 20762
 Ion Ratio Lower Upper
 96 100
 61 130.6 96.0 178.4
 98 60.1 46.0 85.4



#30
 1,1,1-Trichloroethane
 Concen: 4.367 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.006 min
 Lab File: VV034618.D
 Acq: 14 Mar 2024 21:26

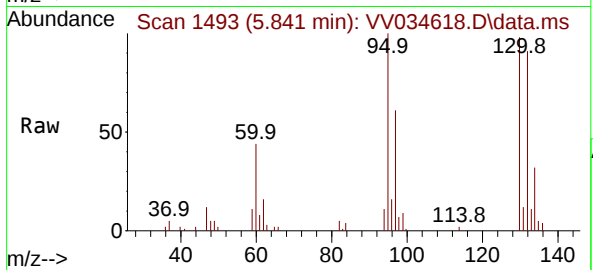
Tgt Ion: 97 Resp: 14007
 Ion Ratio Lower Upper
 97 100
 99 61.3 51.3 76.9
 61 45.0 36.0 54.0





#34
 Trichloroethene
 Concen: 11.598 ug/L
 RT: 5.841 min Scan# 14
 Delta R.T. 0.010 min
 Lab File: VV034618.D
 Acq: 14 Mar 2024 21:26

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL19



Tgt Ion: 95 Resp: 22889

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.7	83.1
132	90.9	65.3	121.3
130	97.5	69.1	128.3

