

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034617.D
 Acq On : 14 Mar 2024 21:02
 Operator : SY/MD
 Sample : P1751-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:54:12 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)

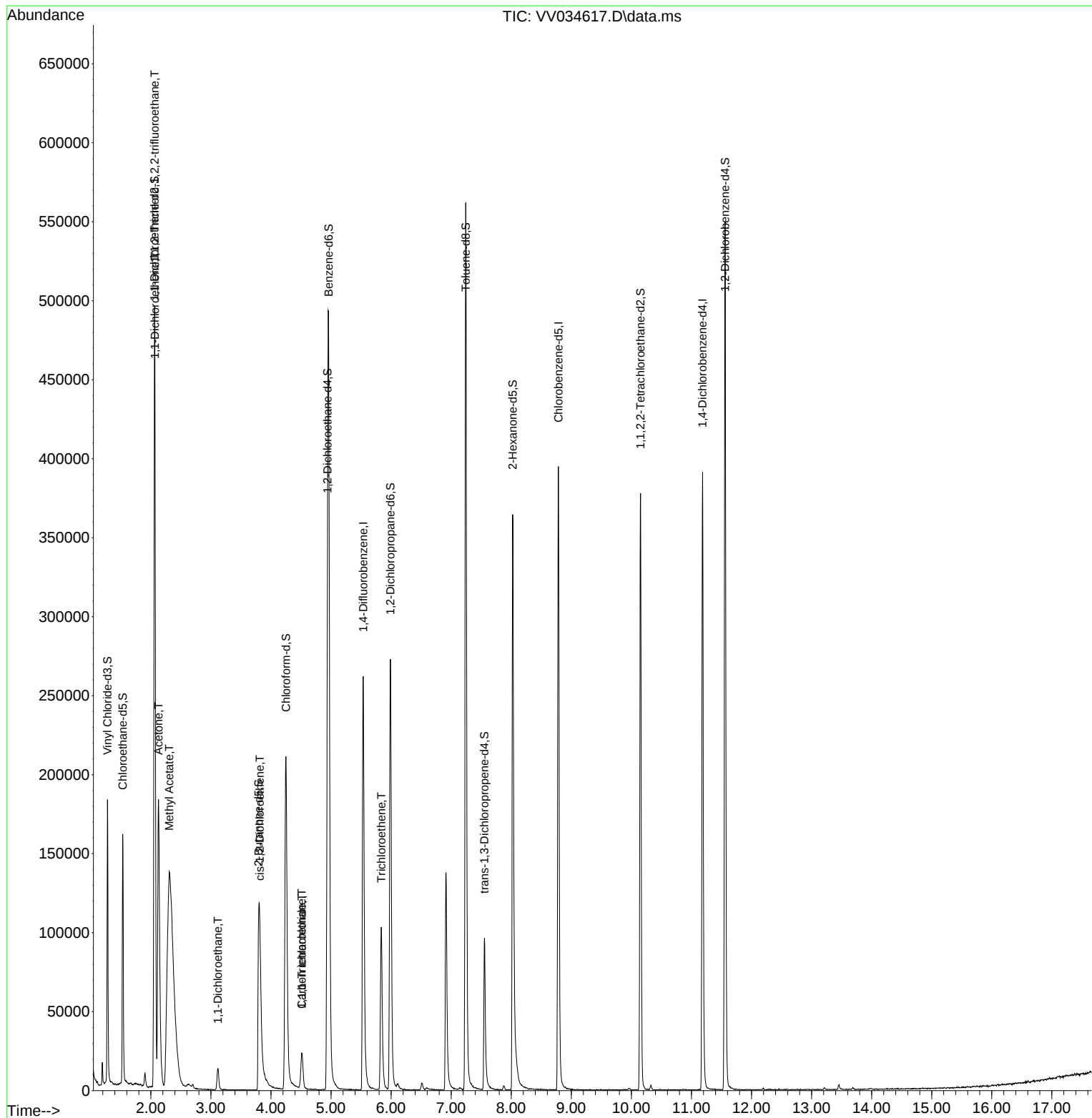
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	226589	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	214136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111035	56.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.060%			
7) Chloroethane-d5	1.532	69	96879	63.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 126.620%			
11) 1,1-Dichloroethene-d2	2.060	65	52687	59.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.620%			
21) 2-Butanone-d5	3.796	46	191658	145.903	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 145.900%#			
24) Chloroform-d	4.249	84	224627	64.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.360%#			
26) 1,2-Dichloroethane-d4	4.941	65	152330	67.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.240%#			
32) Benzene-d6	4.960	84	429806	66.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.020%#			
36) 1,2-Dichloropropane-d6	5.989	67	131435	66.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 133.280%#			
41) Toluene-d8	7.243	98	368188	62.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.900%#			
43) trans-1,3-Dichloroprop...	7.555	79	57115	57.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.340%			
47) 2-Hexanone-d5	8.024	63	127972	129.938	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 129.940%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	178098	68.618	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 137.240%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	137766	67.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.700%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2254	1.232	ug/L #	43
12) 1,1-Dichloroethene	2.069	96	77370	45.600	ug/L	85
13) Acetone	2.127	43	274848	174.047	ug/L	99
15) Methyl Acetate	2.304	43	46994	23.261	ug/L #	53
19) 1,1-Dichloroethane	3.118	63	14586	4.534	ug/L	93
20) cis-1,2-Dichloroethene	3.815	96	20785	11.665	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	19192	6.250	ug/L	99
31) Carbon tetrachloride	4.513	117	2552	0.939	ug/L	93
34) Trichloroethene	5.838	95	36623	19.384	ug/L	98

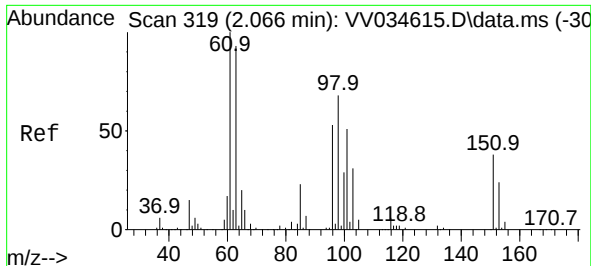
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 06:40:01 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.232 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034617.D

Acq: 14 Mar 2024 21:02

Instrument :

MSVOA_V

ClientSampleId :

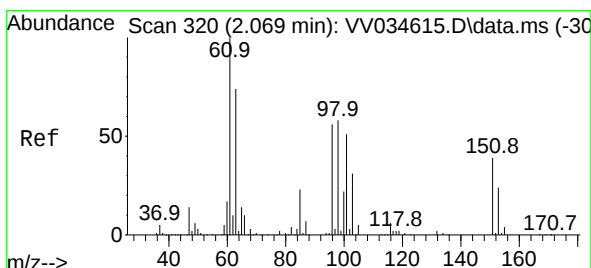
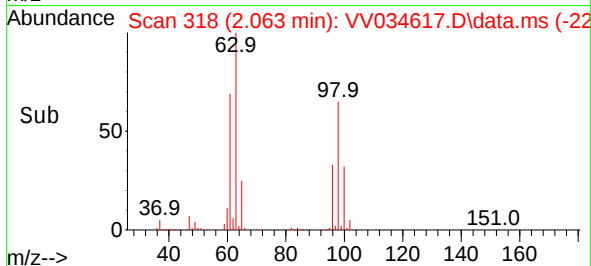
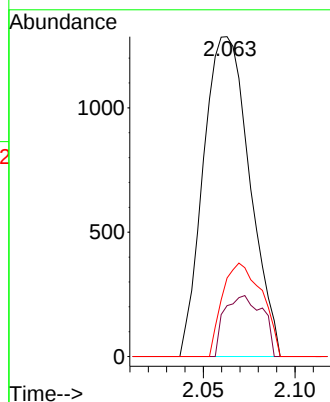
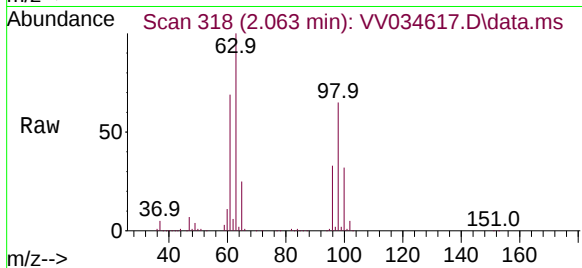
Tgt Ion:101 Resp: 2254

Ion Ratio Lower Upper

101 100

85 12.5 37.4 56.0#

151 24.9 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 45.600 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034617.D

Acq: 14 Mar 2024 21:02

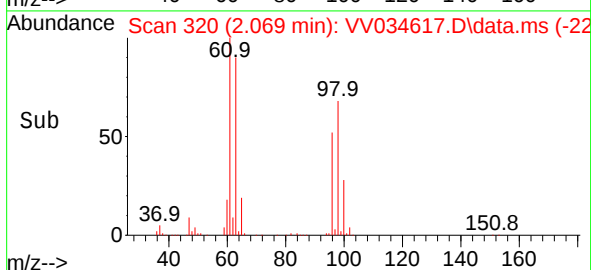
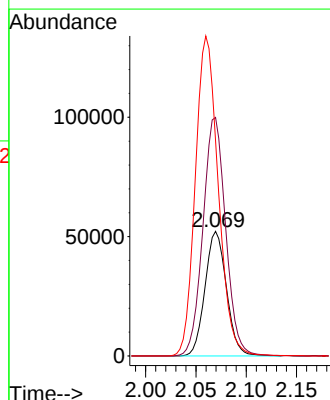
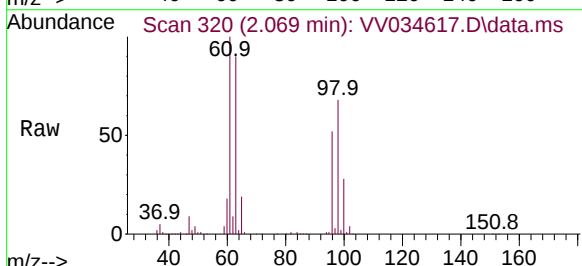
Tgt Ion: 96 Resp: 77370

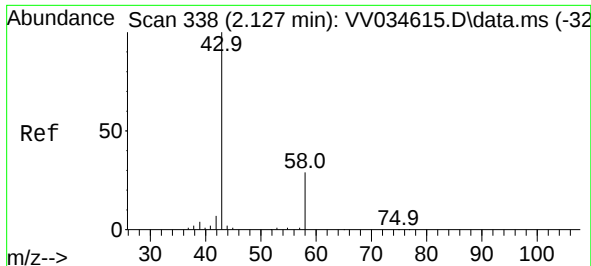
Ion Ratio Lower Upper

96 100

61 191.5 128.9 239.3

63 172.8 98.0 182.0





#13

Acetone

Concen: 174.047 ug/L

RT: 2.127 min Scan# 341

Delta R.T. 0.000 min

Lab File: VV034617.D

Acq: 14 Mar 2024 21:02

Instrument :

MSVOA_V

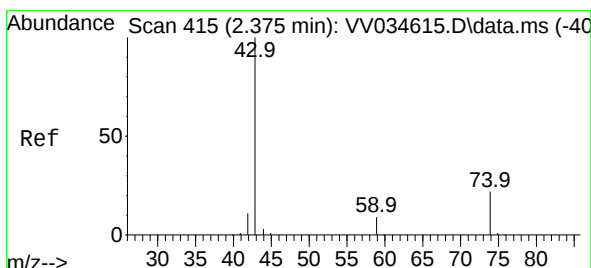
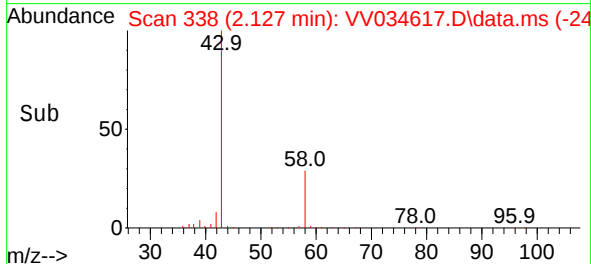
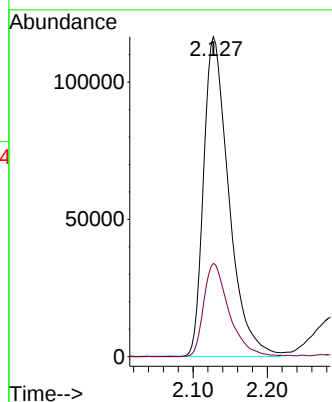
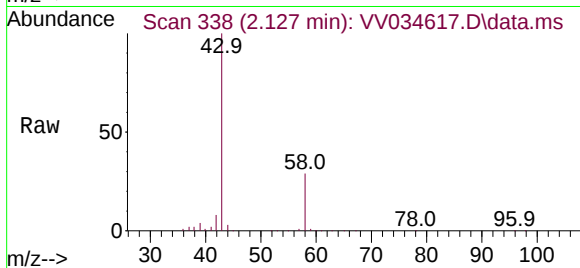
ClientSampleId :

Tgt Ion: 43 Resp: 274848

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#15

Methyl Acetate

Concen: 23.261 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.071 min

Lab File: VV034617.D

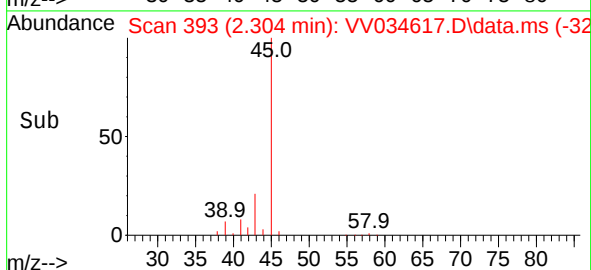
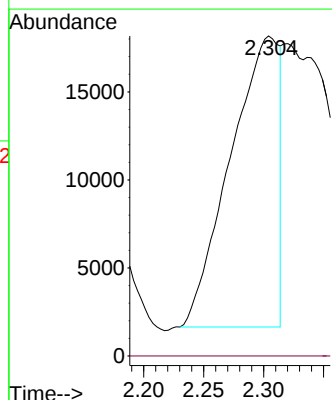
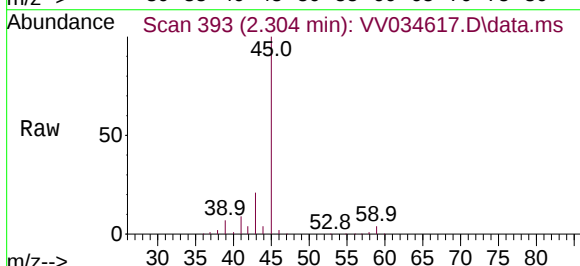
Acq: 14 Mar 2024 21:02

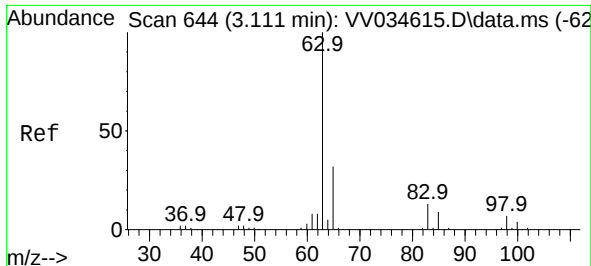
Tgt Ion: 43 Resp: 46994

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#19

1,1-Dichloroethane

Concen: 4.534 ug/L

RT: 3.118 min Scan# 644

Delta R.T. 0.007 min

Lab File: VV034617.D

Acq: 14 Mar 2024 21:02

Instrument :

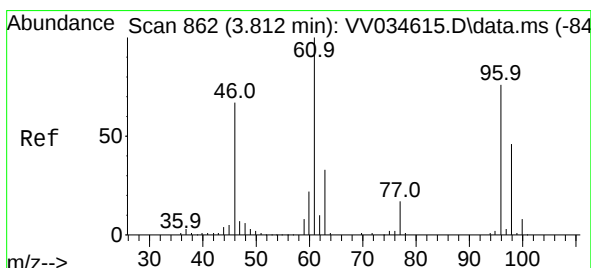
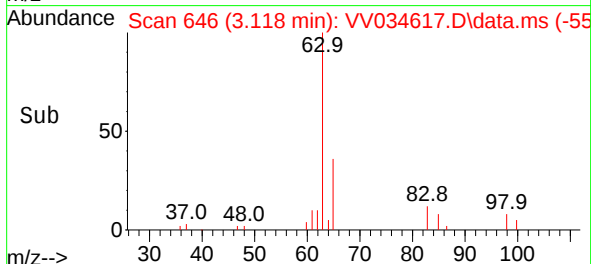
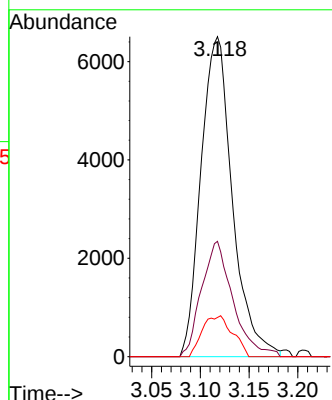
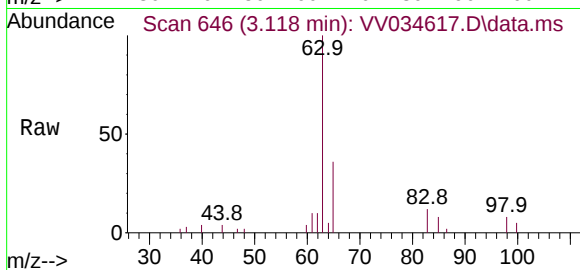
MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 14586

Ion Ratio Lower Upper

63	100		
65	36.1	22.1	41.1
83	12.3	9.9	18.3



#20

cis-1,2-Dichloroethene

Concen: 11.665 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

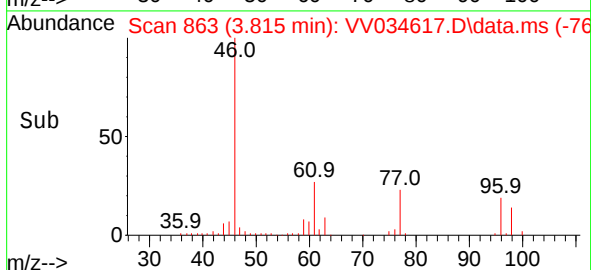
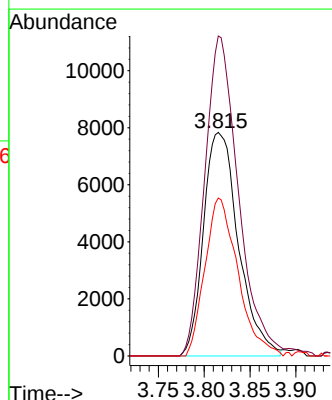
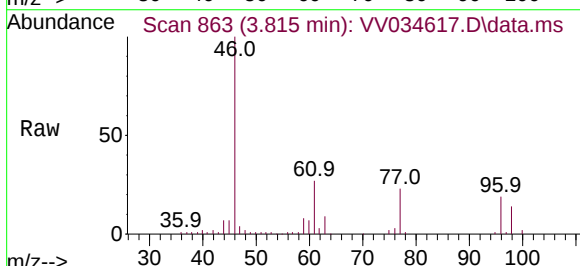
Lab File: VV034617.D

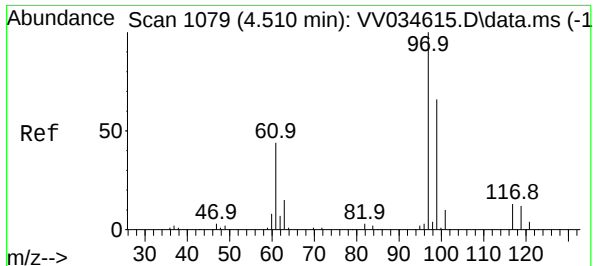
Acq: 14 Mar 2024 21:02

Tgt Ion: 96 Resp: 20785

Ion Ratio Lower Upper

96	100		
61	143.2	96.0	178.4
98	70.7	46.0	85.4





#30

1,1,1-Trichloroethane

Concen: 6.250 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034617.D

Acq: 14 Mar 2024 21:02

Instrument :

MSVOA_V

ClientSampleId :

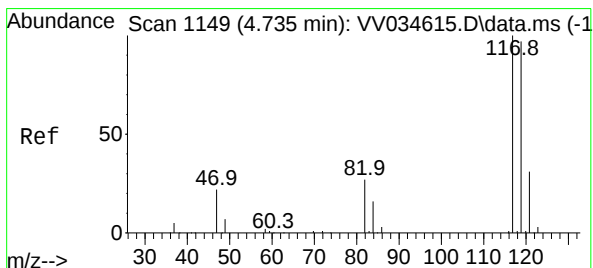
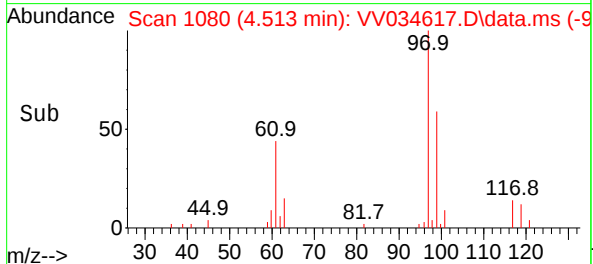
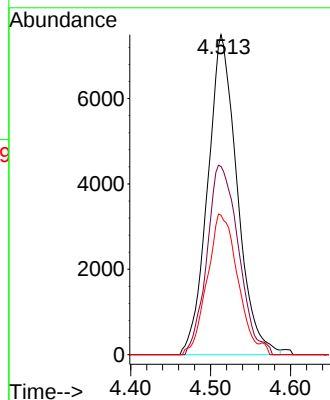
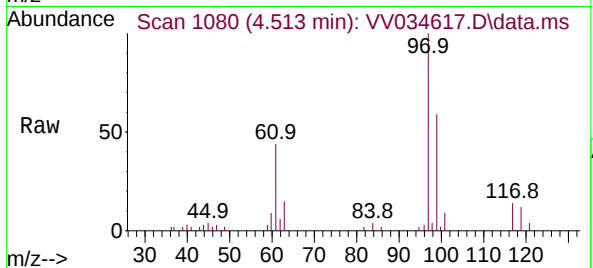
Tgt Ion: 97 Resp: 19192

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 45.1 36.0 54.0



#31

Carbon tetrachloride

Concen: 0.939 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.222 min

Lab File: VV034617.D

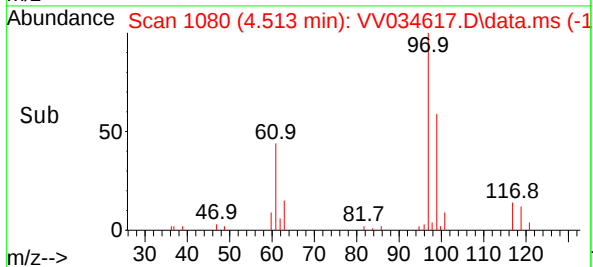
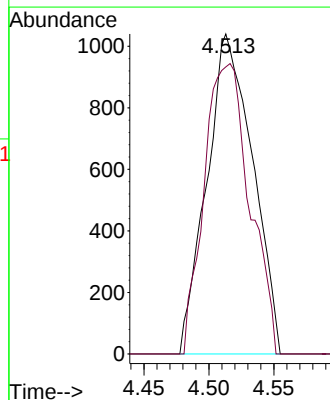
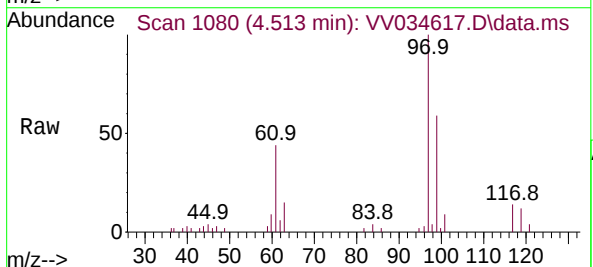
Acq: 14 Mar 2024 21:02

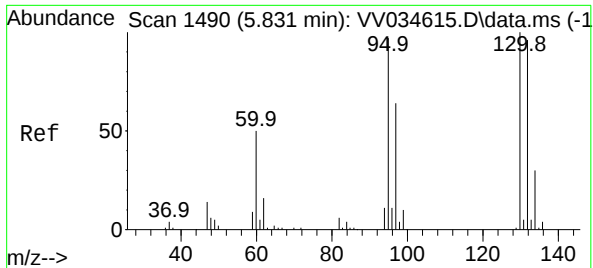
Tgt Ion: 117 Resp: 2552

Ion Ratio Lower Upper

117 100

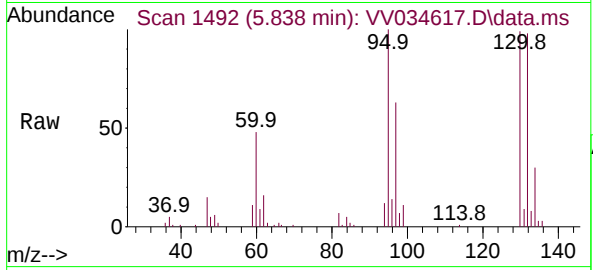
119 90.1 77.5 116.3





#34
 Trichloroethene
 Concen: 19.384 ug/L
 RT: 5.838 min Scan# 14
 Delta R.T. 0.007 min
 Lab File: VV034617.D
 Acq: 14 Mar 2024 21:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 36623

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.7	83.1
132	98.3	65.3	121.3
130	98.6	69.1	128.3

