

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033617.D
 Acq On : 13 Jan 2024 00:16
 Operator : SY/MD
 Sample : P1121-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 01:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

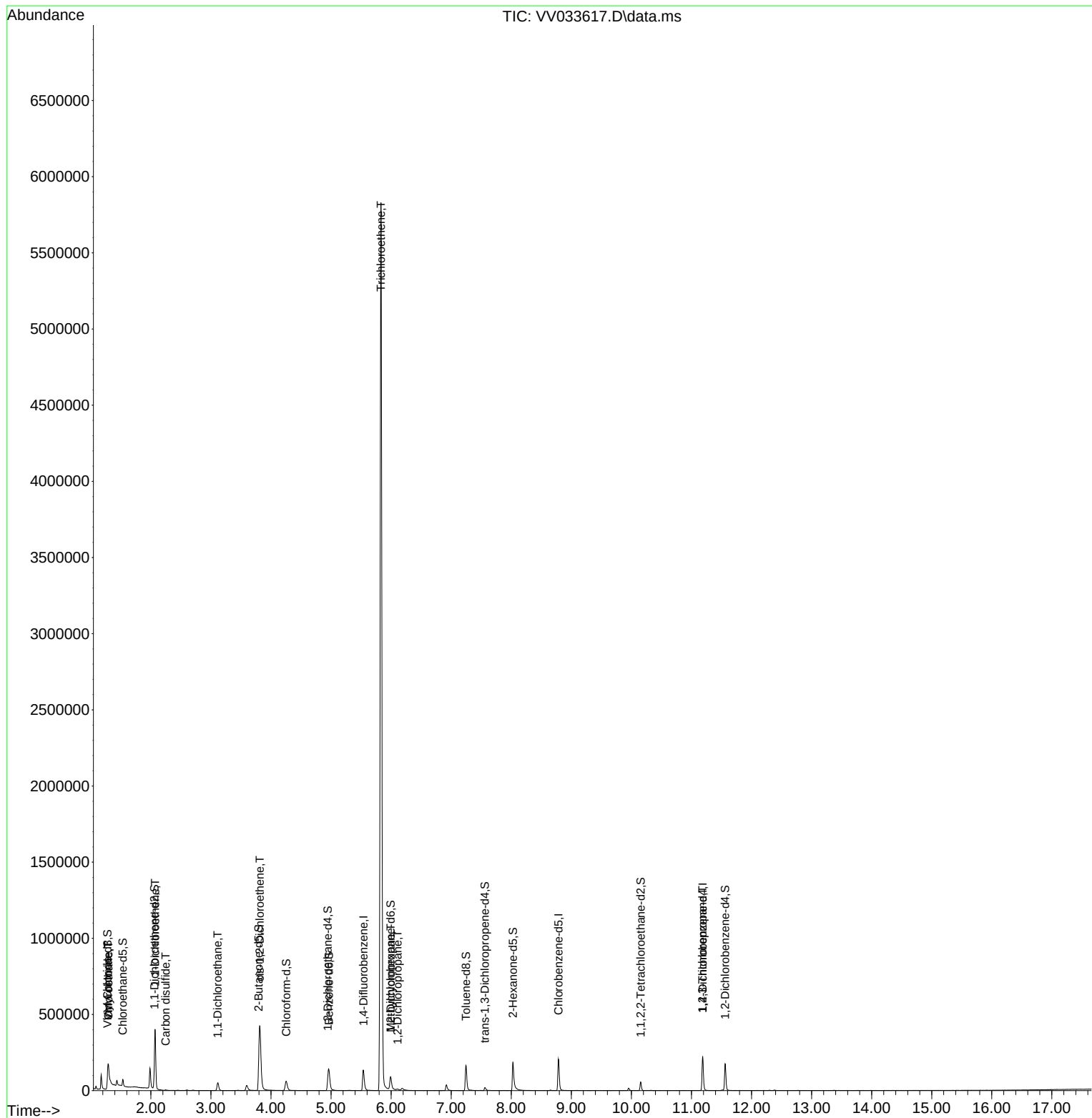
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31661	5.005	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5	1.532	69	25960	4.628	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 92.600%		
11) 1,1-Dichloroethene-d2	2.060	65	13996	4.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	3.796	46	81534	52.722	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.440%		
24) Chloroform-d	4.253	84	65916	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.400%		
26) 1,2-Dichloroethane-d4	4.947	65	33987	5.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.800%		
32) Benzene-d6	4.963	84	129145	4.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
36) 1,2-Dichloropropane-d6	5.992	67	42336	4.911	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.200%		
41) Toluene-d8	7.246	98	111651	4.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.800%		
43) trans-1,3-Dichloroprop...	7.561	79	13339	4.475	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.600%		
46) 2-Hexanone-d5	8.027	63	67399	57.598	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 115.200%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27873	5.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	43338	5.105	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	30070	2.499	ug/L #	1
8) Chloroethane	1.294	64	266876	36.519	ug/L #	51
12) 1,1-Dichloroethene	2.073	96	95998	11.774	ug/L	88
14) Carbon disulfide	2.246	76	4877	0.162	ug/L #	92
19) 1,1-Dichloroethane	3.114	63	53139	2.904	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	212737	22.058	ug/L	97
34) Trichloroethene	5.831	95	1996738	197.134	ug/L	99
35) Methylcyclohexane	5.992	83	9665	0.564	ug/L #	15
37) 1,2-Dichloropropane	6.108	63	2403	0.254	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	7510	1.694	ug/L #	65

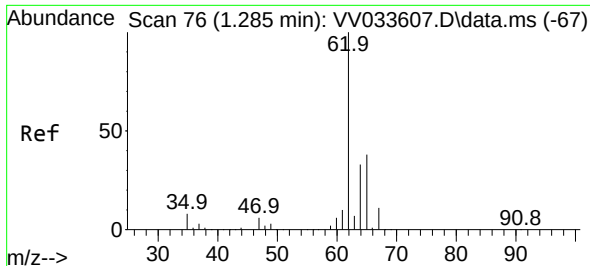
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

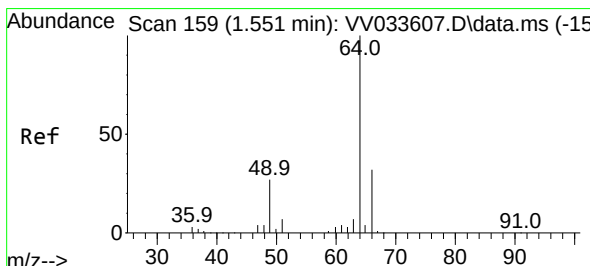
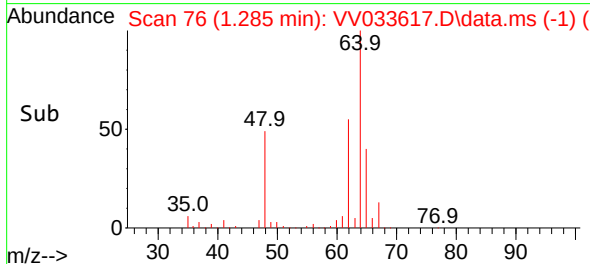
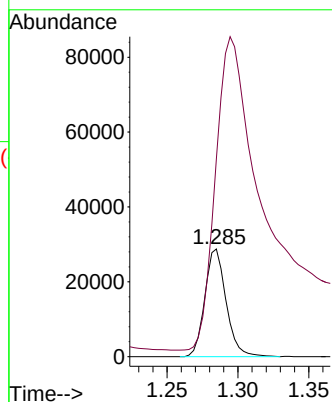
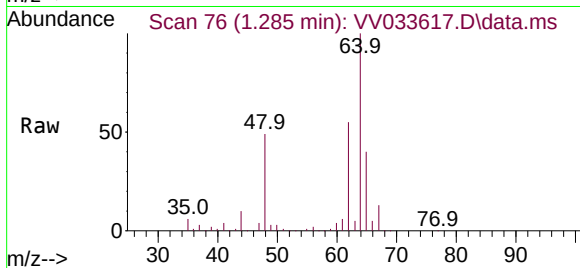




#5
 Vinyl chloride
 Concen: 2.499 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033617.D
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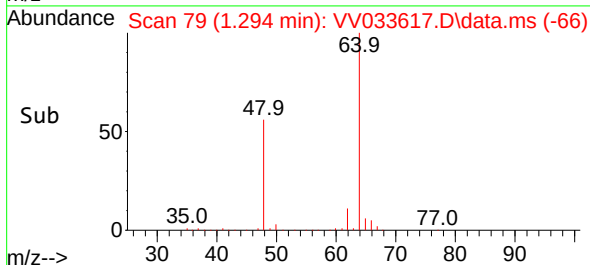
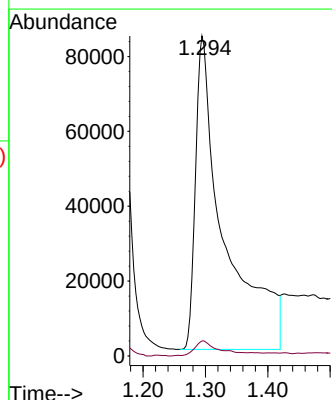
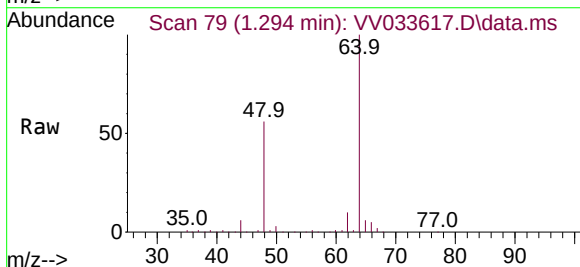
Instrument :
 MSVOA_V
 ClientSampleId :

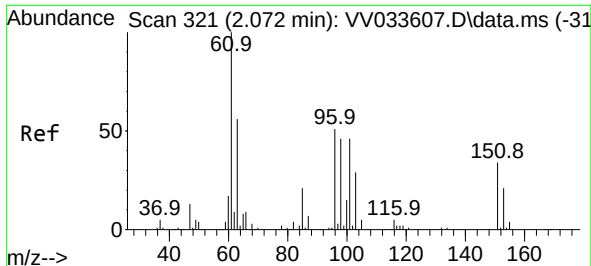
Tgt Ion: 62 Resp: 30070
 Ion Ratio Lower Upper
 62 100
 64 183.3 23.0 42.8#



#8
 Chloroethane
 Concen: 36.519 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.257 min
 Lab File: VV033617.D
 Acq: 13 Jan 2024 00:16

Tgt Ion: 64 Resp: 266876
 Ion Ratio Lower Upper
 64 100
 66 4.7 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 11.774 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033617.D

Acq: 13 Jan 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :

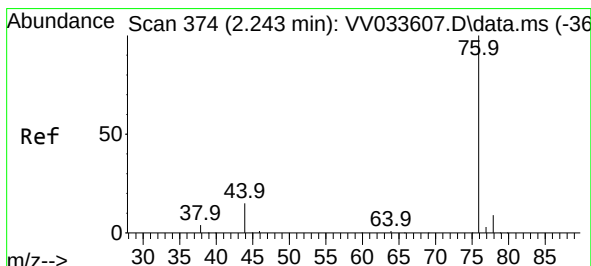
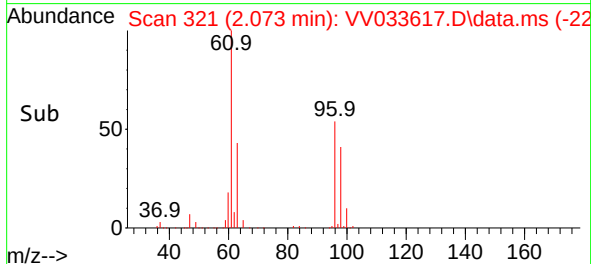
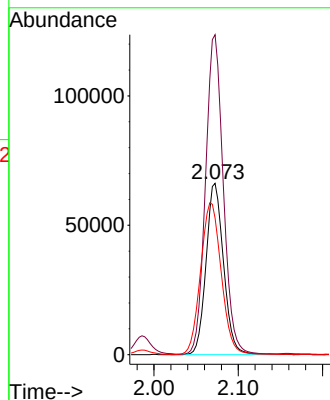
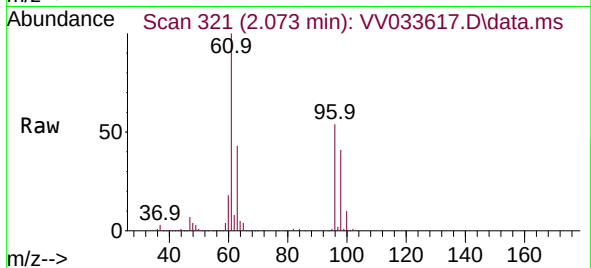
Tgt Ion: 96 Resp: 95998

Ion Ratio Lower Upper

96 100

61 186.8 133.8 248.4

63 79.8 77.2 143.4



#14

Carbon disulfide

Concen: 0.162 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033617.D

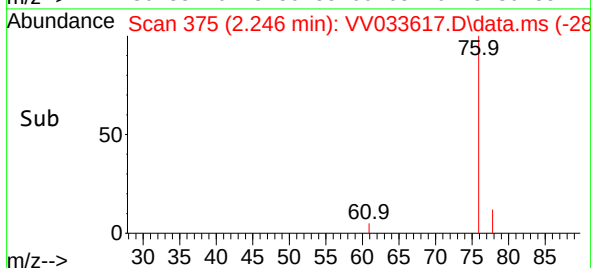
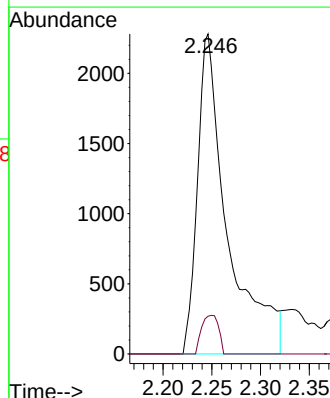
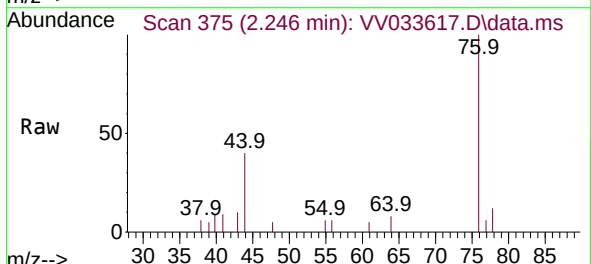
Acq: 13 Jan 2024 00:16

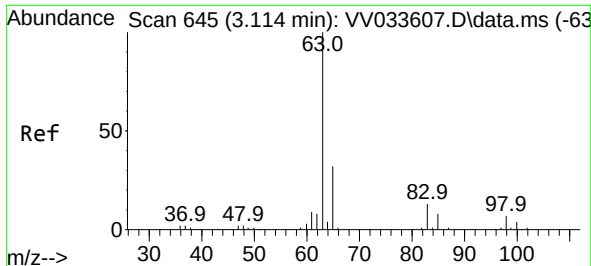
Tgt Ion: 76 Resp: 4877

Ion Ratio Lower Upper

76 100

78 11.8 7.1 10.7#





#19

1,1-Dichloroethane

Concen: 2.904 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV033617.D

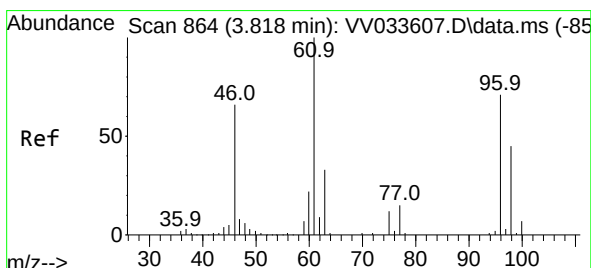
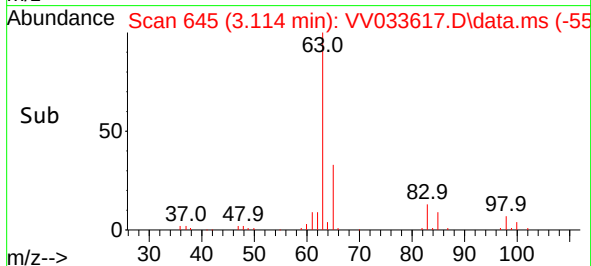
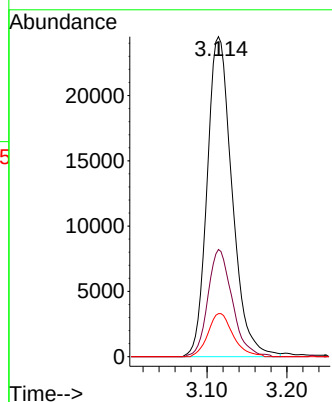
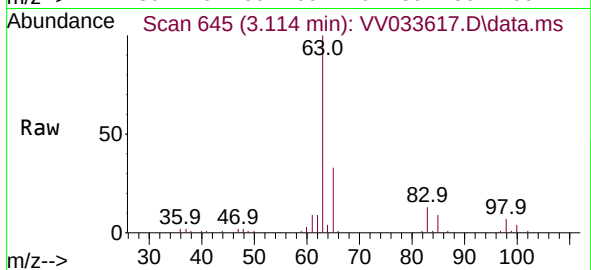
Acq: 13 Jan 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 53139
Ion Ratio	Lower Upper
63 100	
65 33.5	21.6 40.2
83 13.5	9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 22.058 ug/L

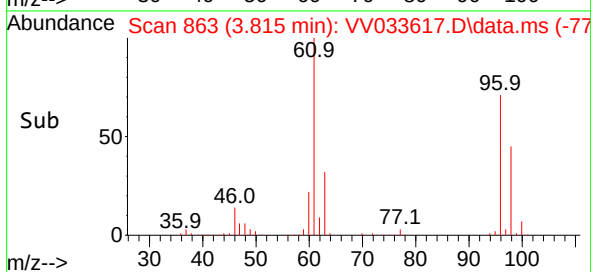
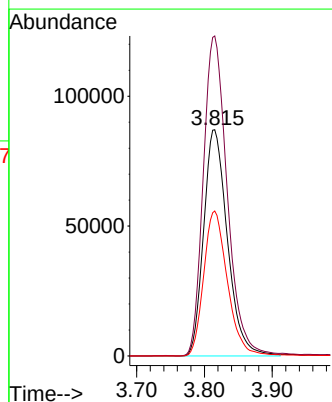
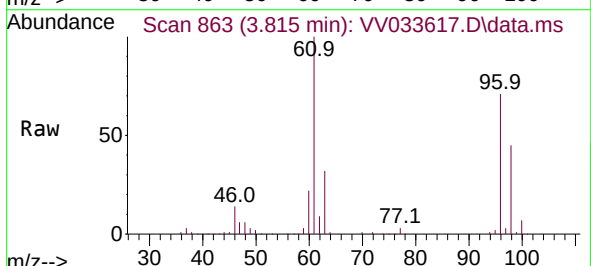
RT: 3.815 min Scan# 863

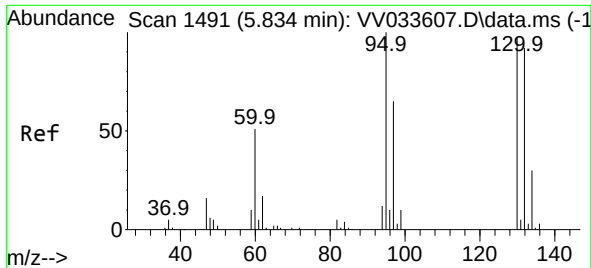
Delta R.T. -0.003 min

Lab File: VV033617.D

Acq: 13 Jan 2024 00:16

Tgt Ion: 96	Resp: 212737
Ion Ratio	Lower Upper
96 100	
61 141.5	97.1 180.3
98 64.1	42.6 79.0

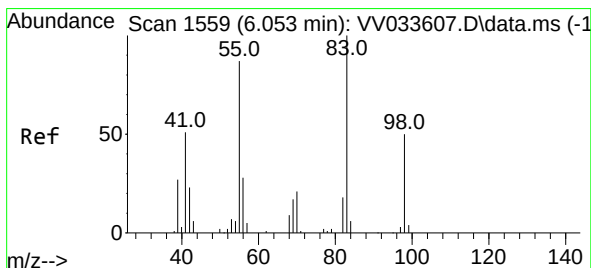
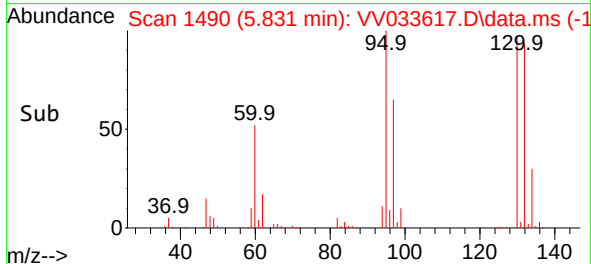
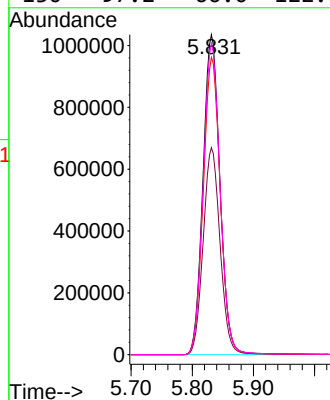
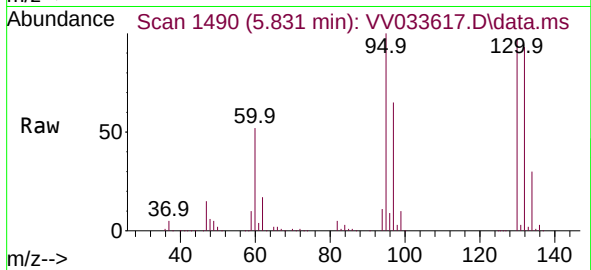




#34
Trichloroethene
Concen: 197.134 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV033617.D
Acq: 13 Jan 2024 00:16

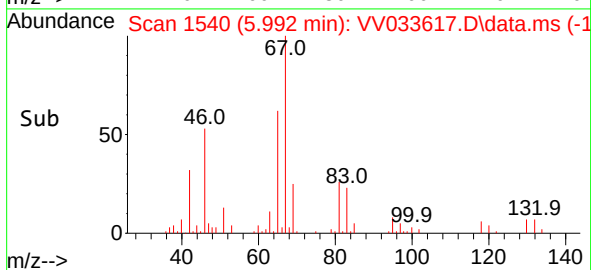
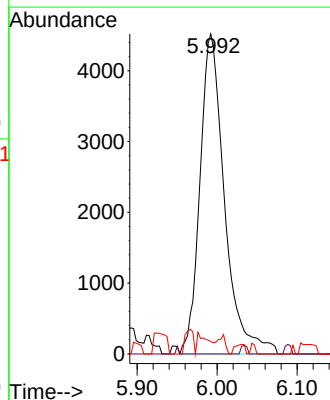
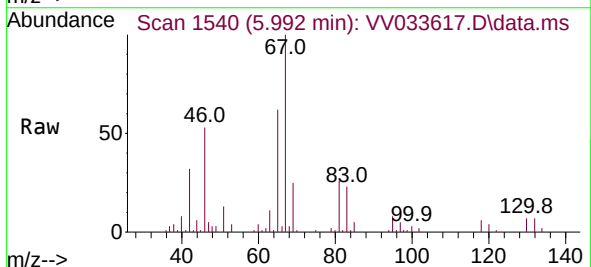
Instrument :
MSVOA_V
ClientSampleId :

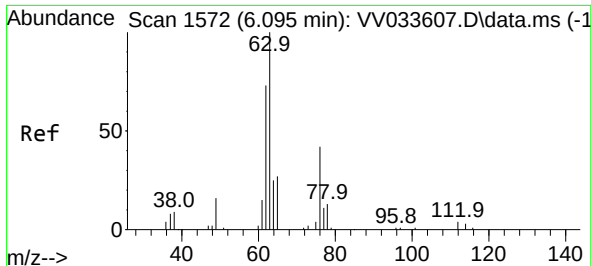
Tgt Ion: 95 Resp: 1996738
Ion Ratio Lower Upper
95 100
97 64.7 45.1 83.9
132 92.9 65.2 121.2
130 97.2 66.0 122.6



#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV033617.D
Acq: 13 Jan 2024 00:16

Tgt Ion: 83 Resp: 9665
Ion Ratio Lower Upper
83 100
55 0.7 68.7 103.1#
98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.254 ug/L

RT: 6.108 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV033617.D

Acq: 13 Jan 2024 00:16

Instrument :

MSVOA_V

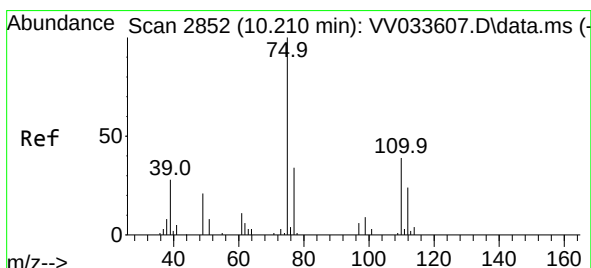
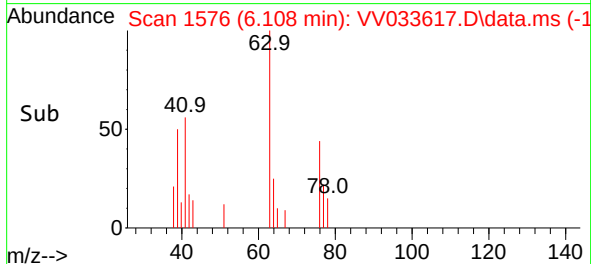
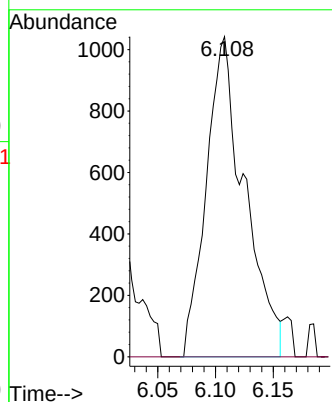
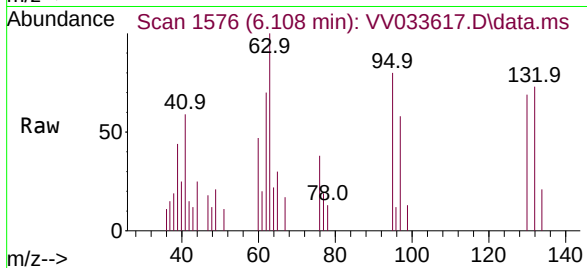
ClientSampleId :

Tgt Ion: 63 Resp: 2403

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#61

1,2,3-Trichloropropane

Concen: 1.694 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033617.D

Acq: 13 Jan 2024 00:16

Tgt Ion: 75 Resp: 7510

Ion Ratio Lower Upper

75 100

77 37.0 24.7 37.1

110 2.2 28.0 42.0#

