

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034702.D
 Acq On : 18 Mar 2024 17:55
 Operator : SY/MD
 Sample : P1752-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 19 02:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

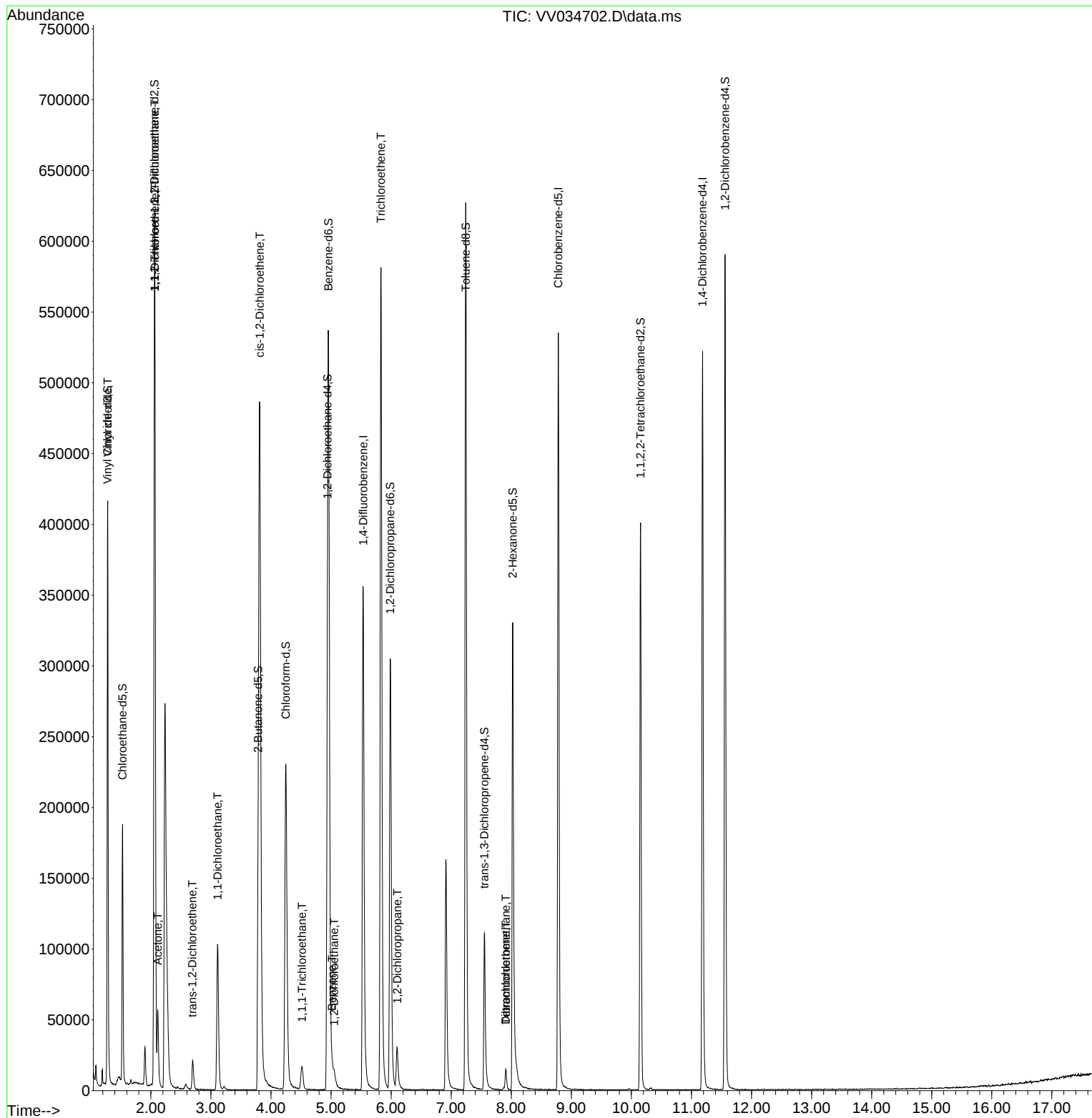
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	311491	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285378	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147448	54.604	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 109.200%		
7) Chloroethane-d5	1.529	69	114832	54.585	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.180%		
11) 1,1-Dichloroethene-d2	2.060	65	63059	51.637	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.280%		
21) 2-Butanone-d5	3.786	46	178253	98.712	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 98.710%		
24) Chloroform-d	4.246	84	240364	50.344	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.680%		
26) 1,2-Dichloroethane-d4	4.941	65	160135	51.326	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.660%		
32) Benzene-d6	4.957	84	475500	55.209	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 110.420%		
36) 1,2-Dichloropropane-d6	5.986	67	144071	54.812	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 109.620%		
41) Toluene-d8	7.243	98	414298	53.155	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.300%		
43) trans-1,3-Dichloroprop...	7.555	79	66362	50.277	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 100.560%		
47) 2-Hexanone-d5	8.024	63	110870	84.470	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 84.470%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	189052	54.655	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 109.300%		
66) 1,2-Dichlorobenzene-d4	11.561	152	151019	55.577	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 111.160%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	121231	38.900	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2610	1.038	ug/L #	35
12) 1,1-Dichloroethene	2.069	96	102680	44.023	ug/L	95
13) Acetone	2.114	43	54683	25.190	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	7596	3.365	ug/L	90
19) 1,1-Dichloroethane	3.111	63	104134	23.547	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	247541	101.061	ug/L	94
27) 1,2-Dichloroethane	5.053	62	8179	2.196	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	13657	3.337	ug/L #	82
33) Benzene	5.015	78	11186	1.263	ug/L	100
34) Trichloroethene	5.831	95	203391	80.776	ug/L	98
37) 1,2-Dichloropropane	6.101	63	11794	5.085	ug/L	99
46) Tetrachloroethene	7.908	164	3357	1.793	ug/L	94
49) Dibromochloromethane	7.908	129	3213	1.361	ug/L #	11

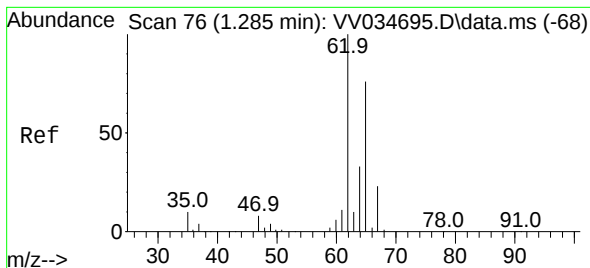
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 19 02:53:17 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 38.900 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

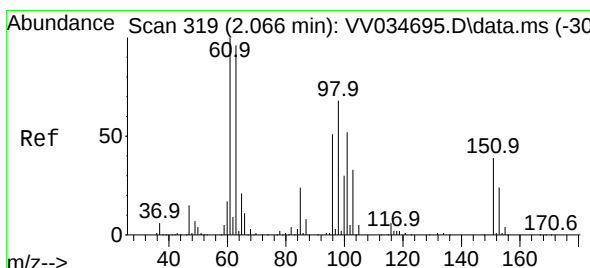
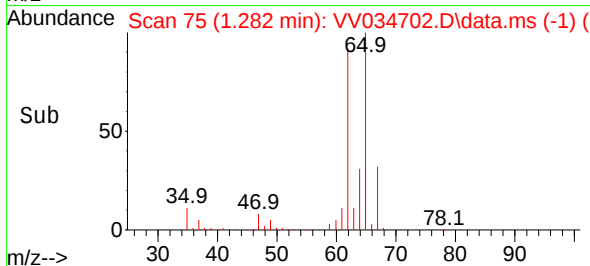
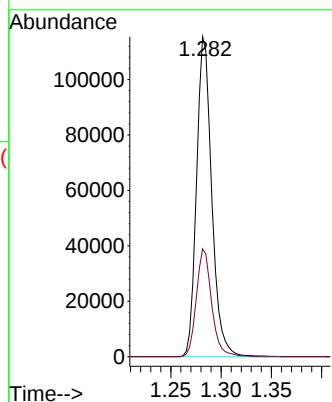
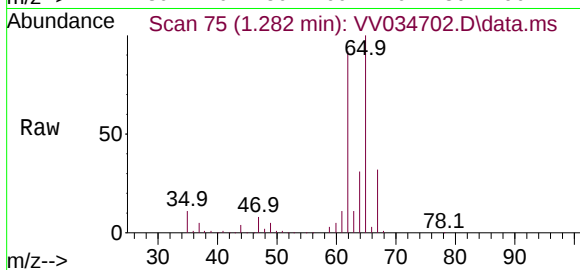
ClientSampleId :

Tgt Ion: 62 Resp: 121231

Ion Ratio Lower Upper

62 100

64 33.7 23.4 43.6



#10

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

Concen: 1.038 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

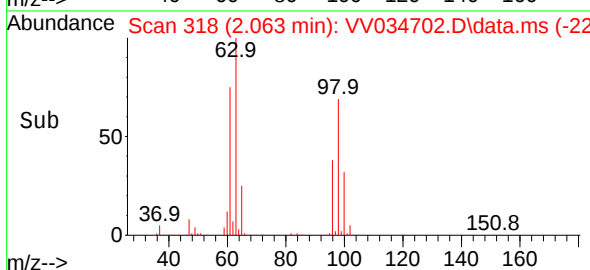
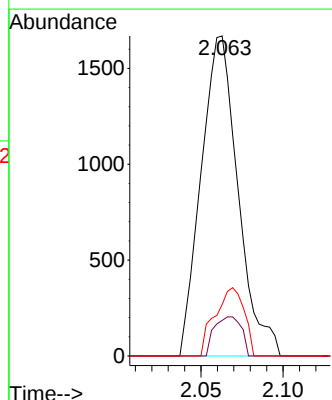
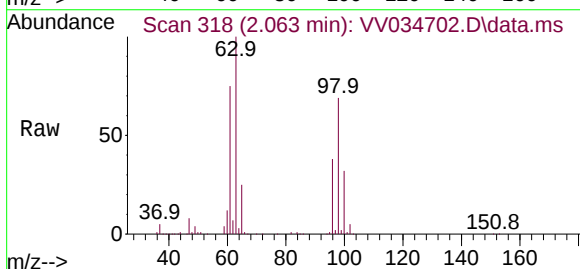
Tgt Ion: 101 Resp: 2610

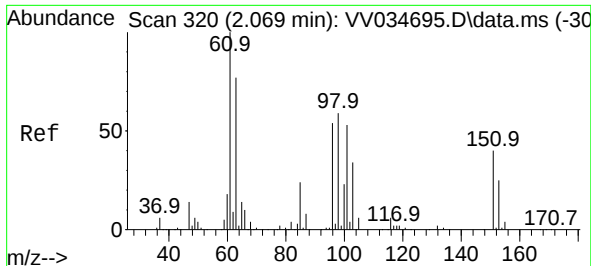
Ion Ratio Lower Upper

101 100

85 8.9 37.4 56.0#

151 16.8 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 44.023 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

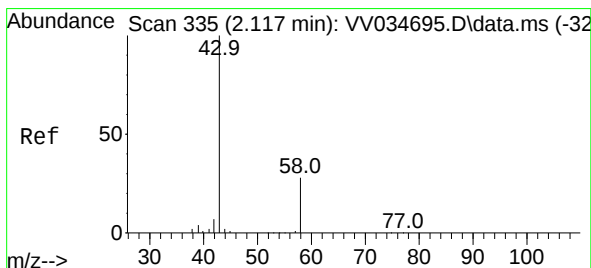
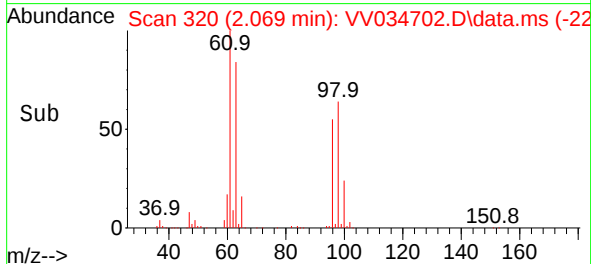
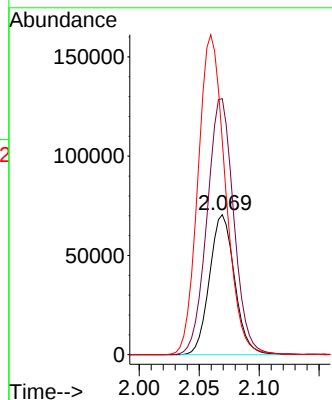
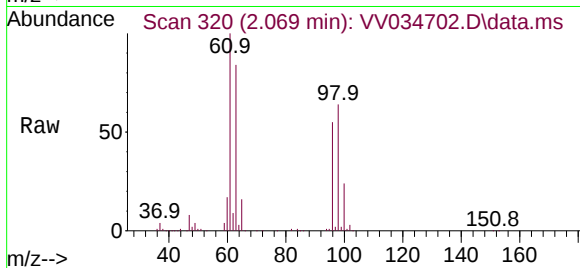
Tgt Ion: 96 Resp: 102680

Ion Ratio Lower Upper

96 100

61 182.8 128.9 239.3

63 152.8 98.0 182.0



#13

Acetone

Concen: 25.190 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034702.D

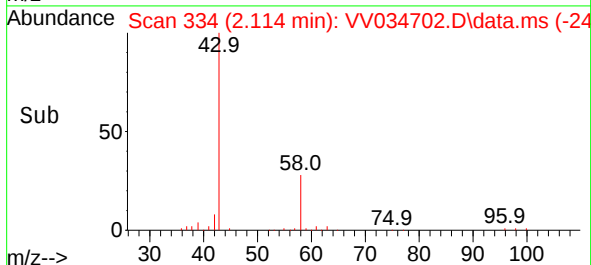
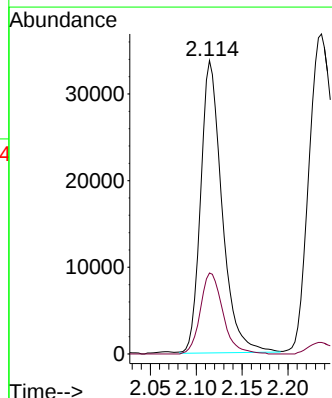
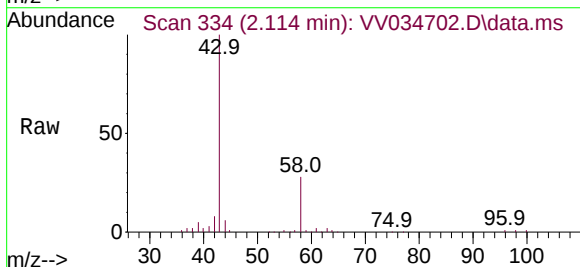
Acq: 18 Mar 2024 17:55

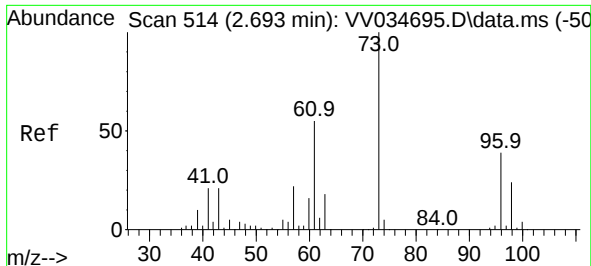
Tgt Ion: 43 Resp: 54683

Ion Ratio Lower Upper

43 100

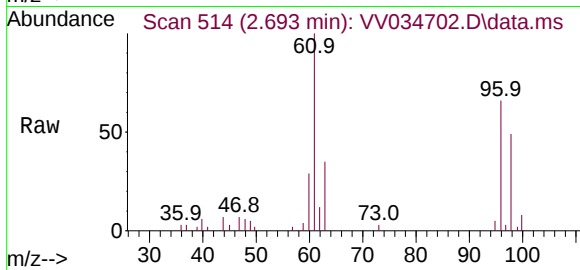
58 29.2 0.0 57.2





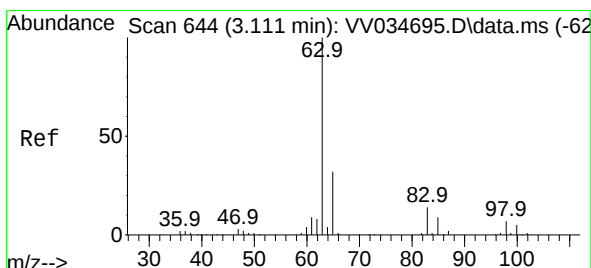
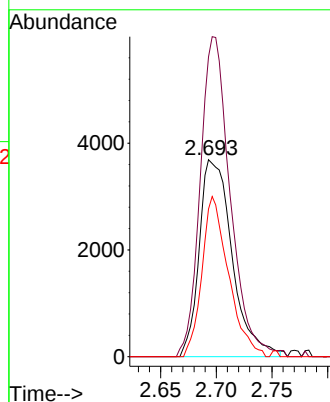
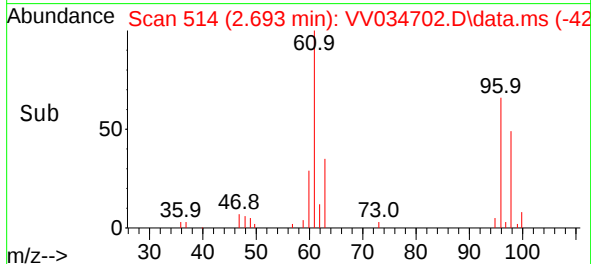
#17
trans-1,2-Dichloroethene
Concen: 3.365 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034702.D
Acq: 18 Mar 2024 17:55

Instrument :
MSVOA_V
ClientSampleId :

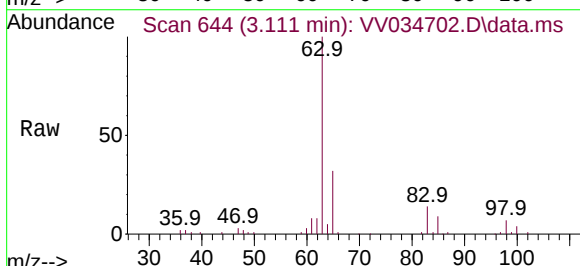


Tgt Ion: 96 Resp: 7596

Ion	Ratio	Lower	Upper
96	100		
61	152.2	98.8	183.4
98	75.0	46.1	85.5

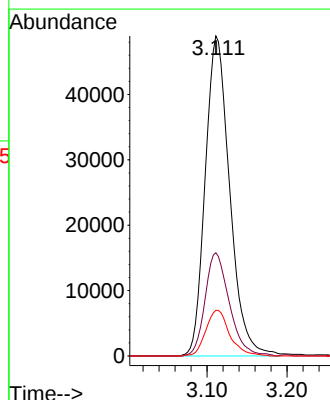
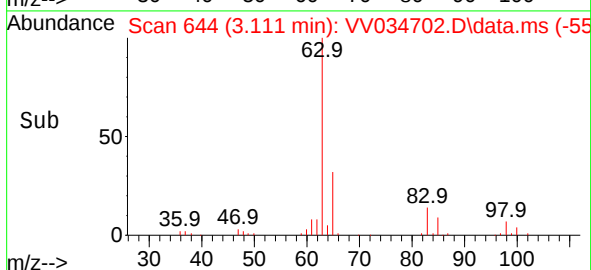


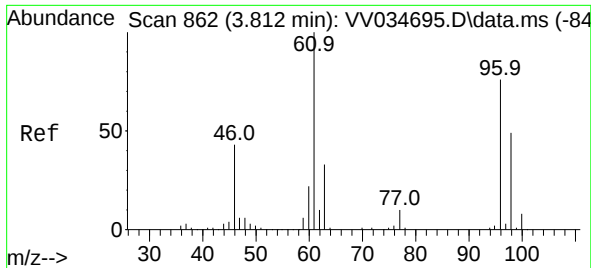
#19
1,1-Dichloroethane
Concen: 23.547 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034702.D
Acq: 18 Mar 2024 17:55



Tgt Ion: 63 Resp: 104134

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	41.1
83	14.2	9.9	18.3





#20

cis-1,2-Dichloroethene

Concen: 101.061 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

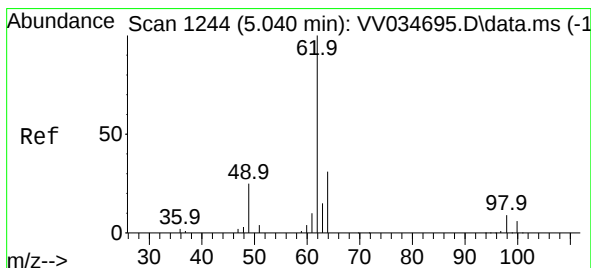
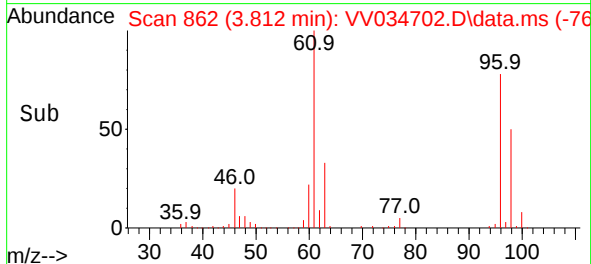
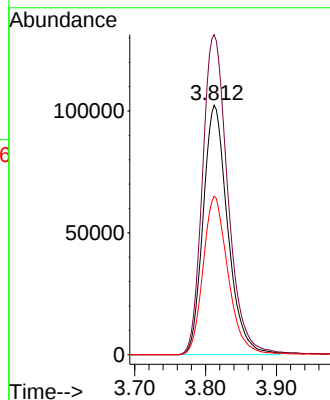
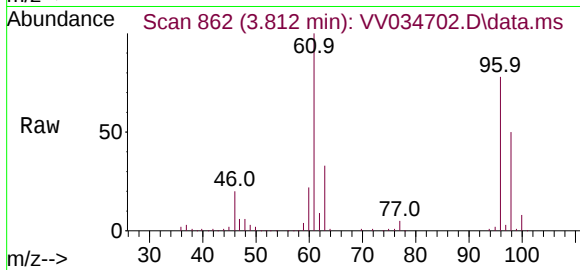
Tgt Ion: 96 Resp: 247541

Ion Ratio Lower Upper

96 100

61 128.3 96.0 178.4

98 63.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 2.196 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.013 min

Lab File: VV034702.D

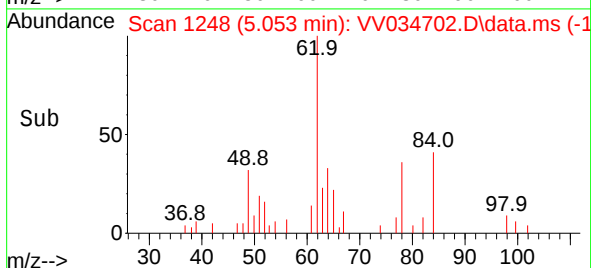
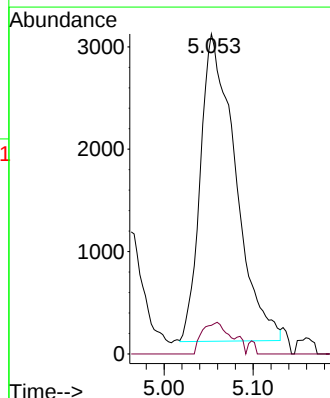
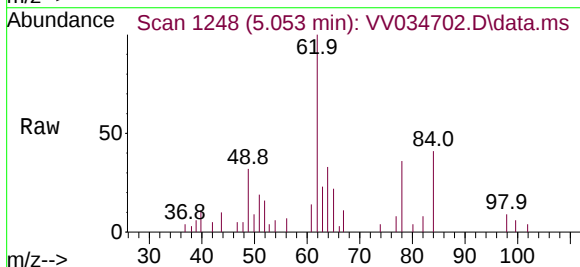
Acq: 18 Mar 2024 17:55

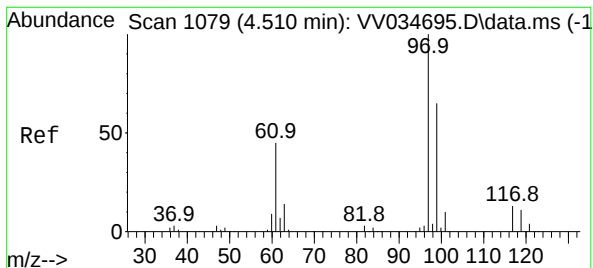
Tgt Ion: 62 Resp: 8179

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#30

1,1,1-Trichloroethane

Concen: 3.337 ug/L

RT: 4.516 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

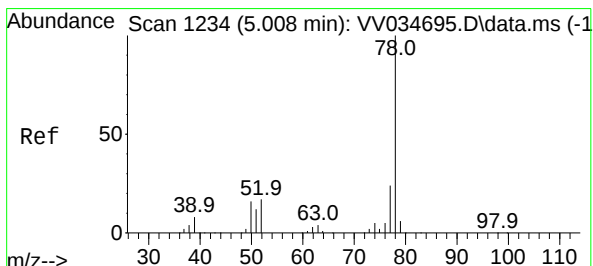
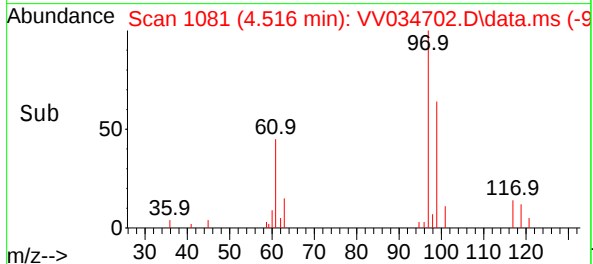
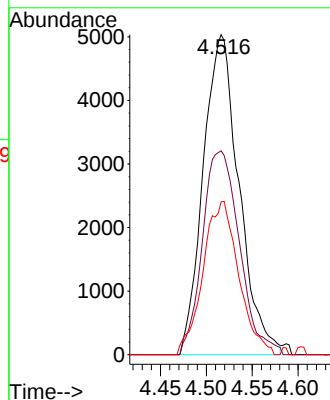
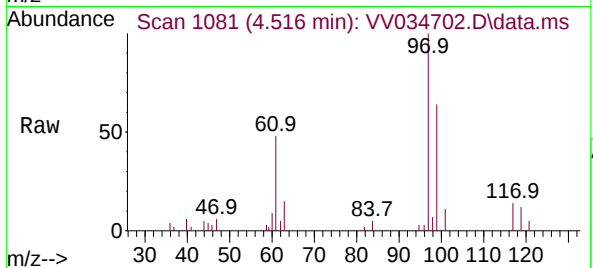
Tgt Ion: 97 Resp: 13657

Ion Ratio Lower Upper

97 100

99 66.0 51.3 76.9

61 19.1 36.0 54.0#



#33

Benzene

Concen: 1.263 ug/L

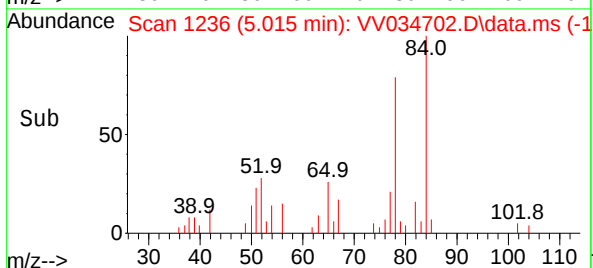
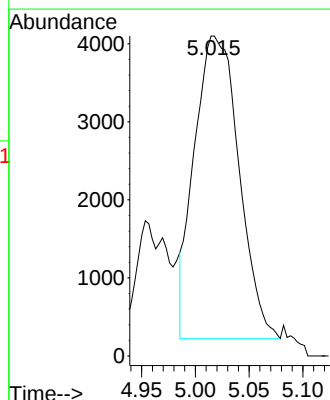
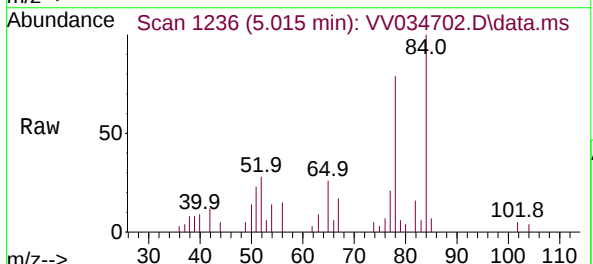
RT: 5.015 min Scan# 1236

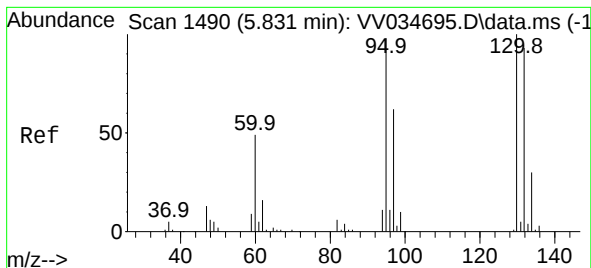
Delta R.T. 0.007 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Tgt Ion: 78 Resp: 11186





#34

Trichloroethene

Concen: 80.776 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 203391

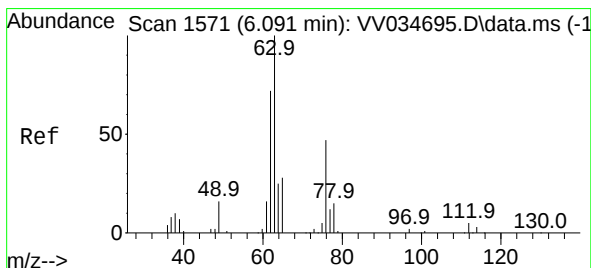
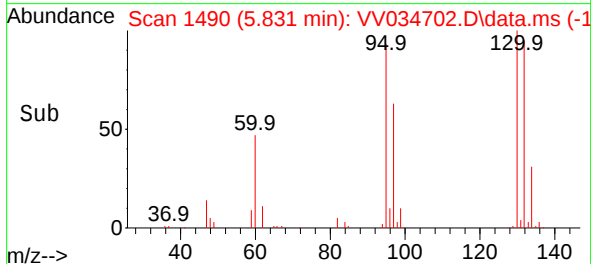
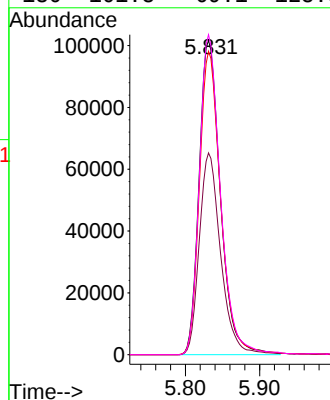
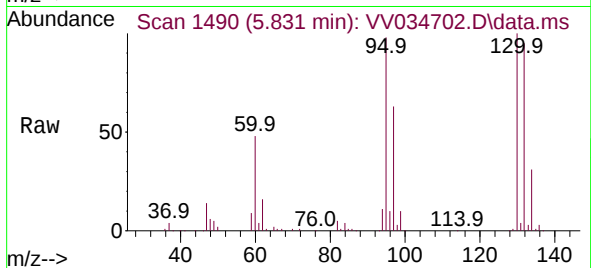
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 96.5 65.3 121.3

130 101.8 69.1 128.3



#37

1,2-Dichloropropane

Concen: 5.085 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.010 min

Lab File: VV034702.D

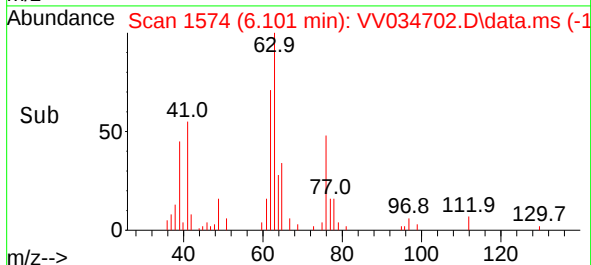
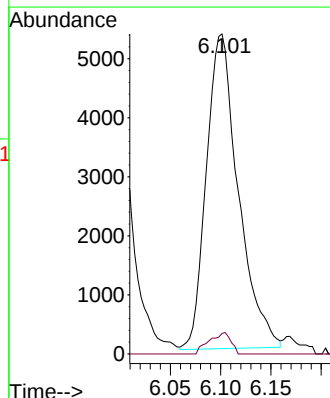
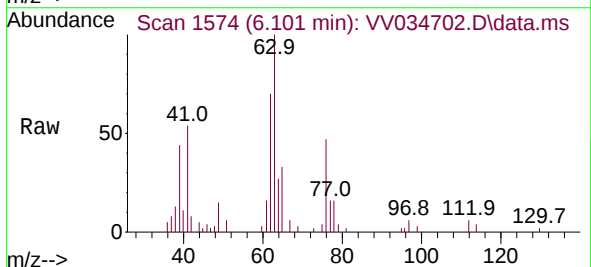
Acq: 18 Mar 2024 17:55

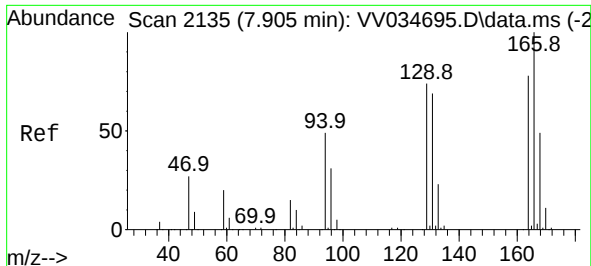
Tgt Ion: 63 Resp: 11794

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3





#46

Tetrachloroethene

Concen: 1.793 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

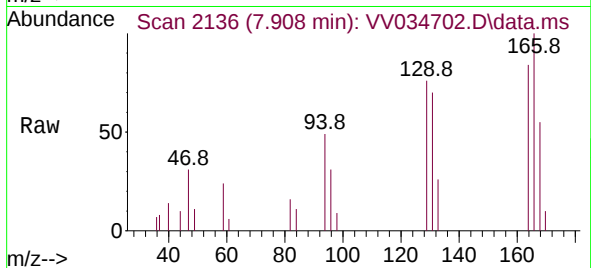
Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3357

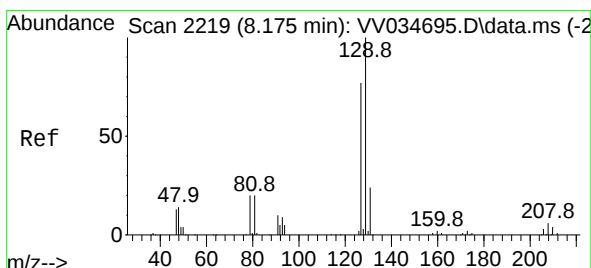
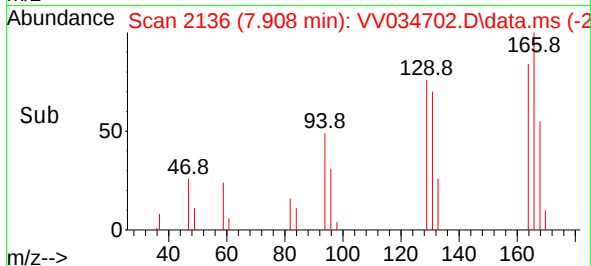
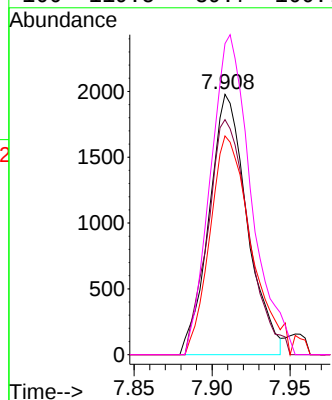
Ion Ratio Lower Upper

164 100

129 90.3 65.7 121.9

131 84.0 62.2 115.6

166 119.5 89.7 166.7



#49

Dibromochloromethane

Concen: 1.361 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV034702.D

Acq: 18 Mar 2024 17:55

Tgt Ion:129 Resp: 3213

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#

