

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033623.D
 Acq On : 13 Jan 2024 02:39
 Operator : SY/MD
 Sample : P1121-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 04:00:42 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)

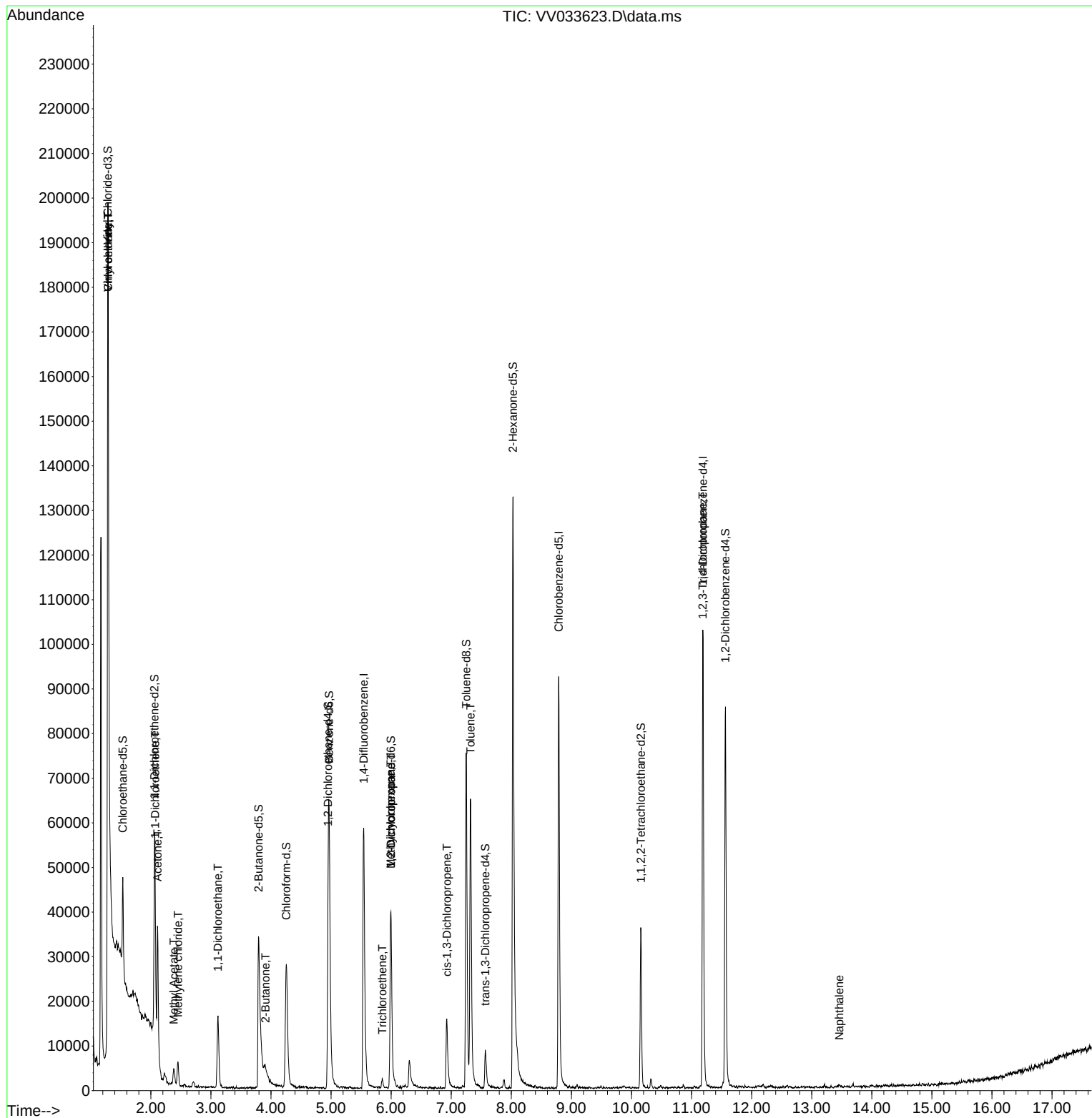
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	52450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	49784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	26096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	16152	5.631	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 112.600%		
7) Chloroethane-d5	1.532	69	12773	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.400%		
11) 1,1-Dichloroethene-d2	2.059	65	7118	5.507	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.200%		
20) 2-Butanone-d5	3.793	46	64553	92.054	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 184.100%#		
24) Chloroform-d	4.256	84	30455	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	4.950	65	18270	6.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 131.400%#		
32) Benzene-d6	4.966	84	56866	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	5.995	67	20494	5.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.249	98	51071	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.200%		
43) trans-1,3-Dichloroprop...	7.567	79	5686	4.107	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.200%		
46) 2-Hexanone-d5	8.027	63	47916	88.147	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 176.300%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18427	7.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 157.400%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	21105	5.267	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.400%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	588	0.108	ug/L #	1
8) Chloroethane	1.288	64	279588	84.373	ug/L #	52
12) 1,1-Dichloroethene	2.072	96	3824	1.034	ug/L #	11
13) Acetone	2.111	43	31594	55.498	ug/L	94
15) Methyl Acetate	2.381	43	5078	3.732	ug/L	94
16) Methylene chloride	2.452	84	1977	0.453	ug/L	87
19) 1,1-Dichloroethane	3.117	63	16881	2.034	ug/L	96
21) 2-Butanone	3.908	43	8105	10.257	ug/L	93
34) Trichloroethene	5.854	95	888	0.189	ug/L	95
35) Methylcyclohexane	5.992	83	5144	0.646	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	2306	0.525	ug/L #	87
39) cis-1,3-Dichloropropene	6.927	75	413	0.066	ug/L #	47
42) Toluene	7.320	91	49717	2.660	ug/L	98
61) 1,2,3-Trichloropropane	11.185	75	3486	1.666	ug/L #	62
71) Naphthalene	13.458	128	724	0.073	ug/L #	69

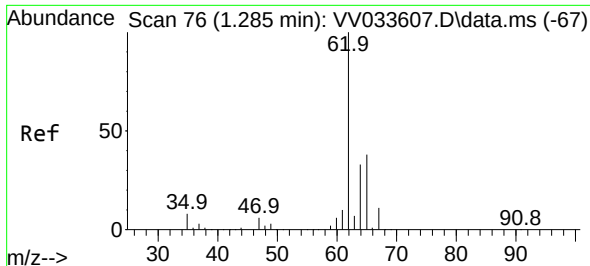
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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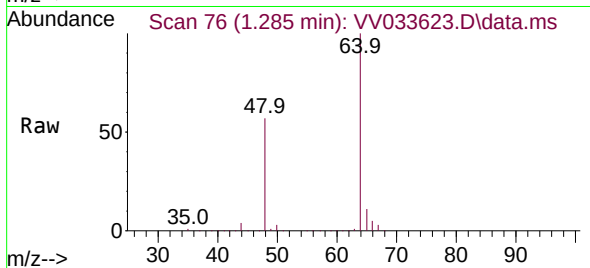
Quant Time: Jan 13 04:00:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
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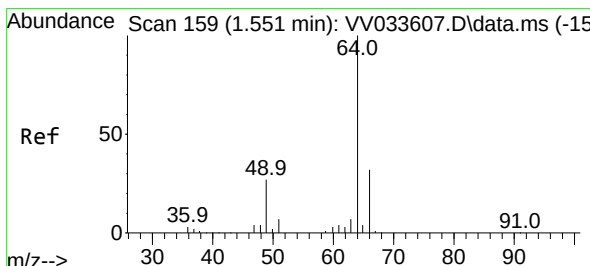
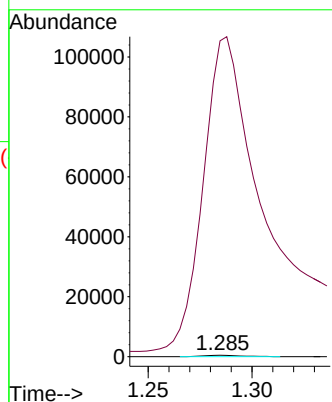
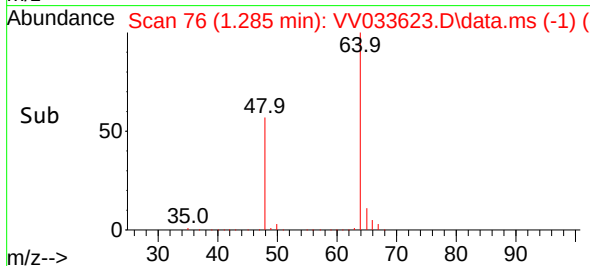


#5
 Vinyl chloride
 Concen: 0.108 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033623.D
 Acq: 13 Jan 2024 02:39

Instrument :
 MSVOA_V
 ClientSampleId :

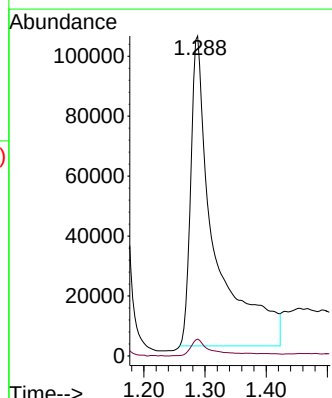
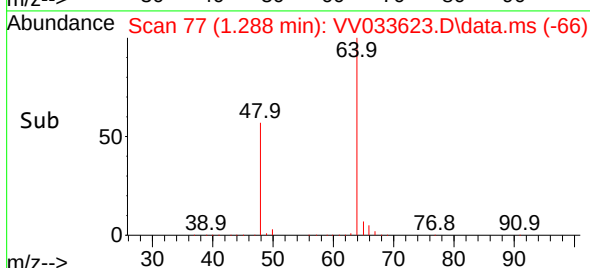
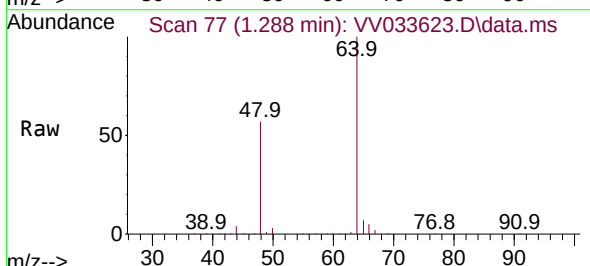


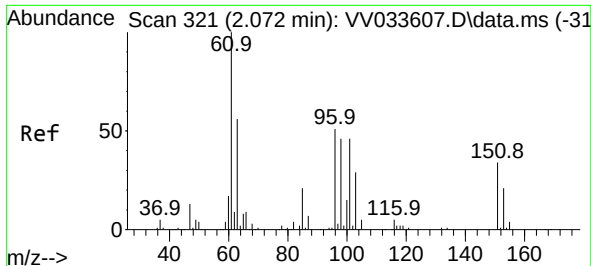
Tgt Ion: 62 Resp: 588
 Ion Ratio Lower Upper
 62 100
 64 22859.9 23.0 42.8#



#8
 Chloroethane
 Concen: 84.373 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.264 min
 Lab File: VV033623.D
 Acq: 13 Jan 2024 02:39

Tgt Ion: 64 Resp: 279588
 Ion Ratio Lower Upper
 64 100
 66 5.3 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 1.034 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

Instrument :

MSVOA_V

ClientSampleId :

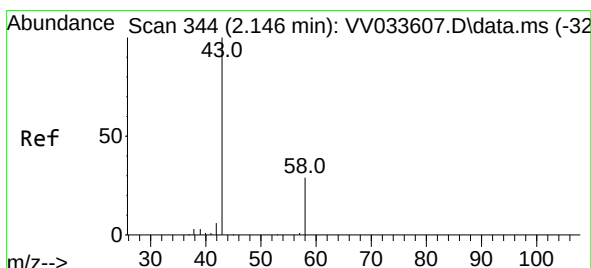
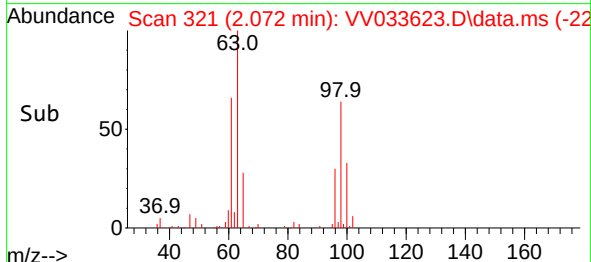
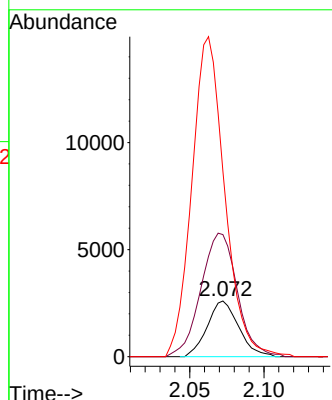
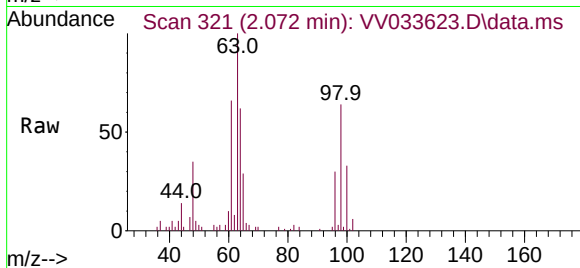
Tgt Ion: 96 Resp: 3824

Ion Ratio Lower Upper

96 100

61 219.4 133.8 248.4

63 333.2 77.2 143.4#



#13

Acetone

Concen: 55.498 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.035 min

Lab File: VV033623.D

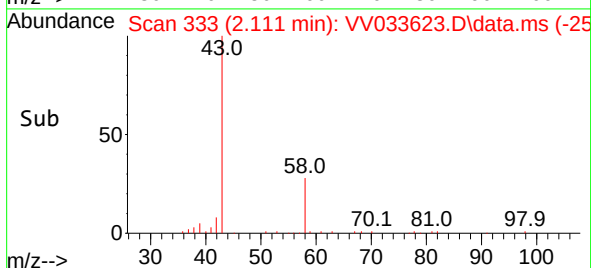
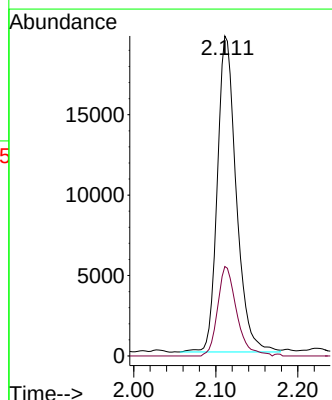
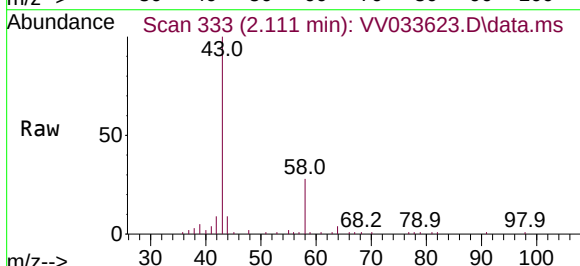
Acq: 13 Jan 2024 02:39

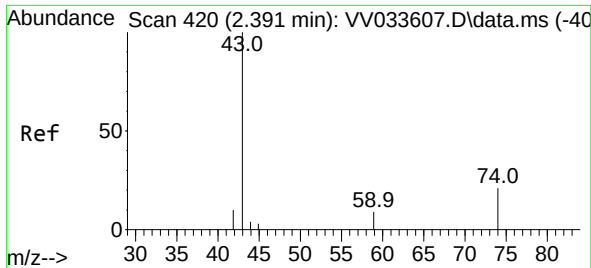
Tgt Ion: 43 Resp: 31594

Ion Ratio Lower Upper

43 100

58 28.4 0.0 51.0

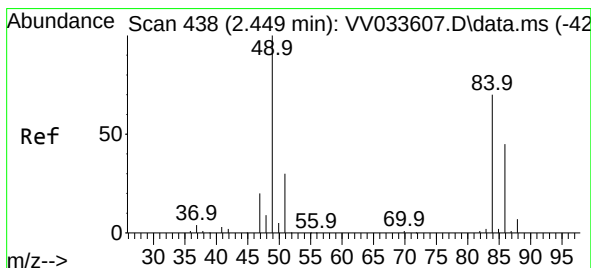
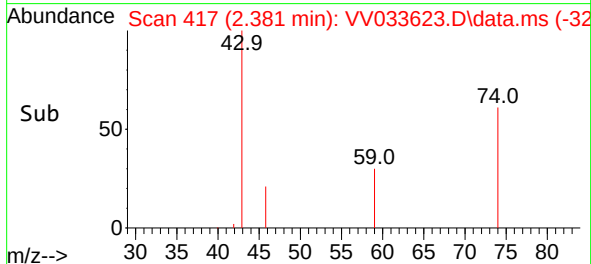
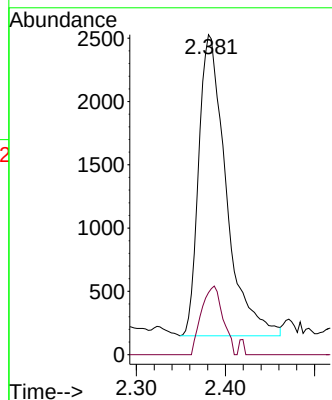
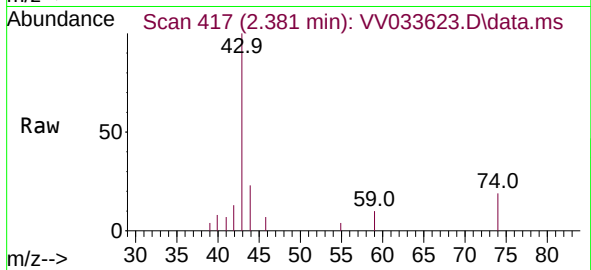




#15
Methyl Acetate
Concen: 3.732 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV033623.D
Acq: 13 Jan 2024 02:39

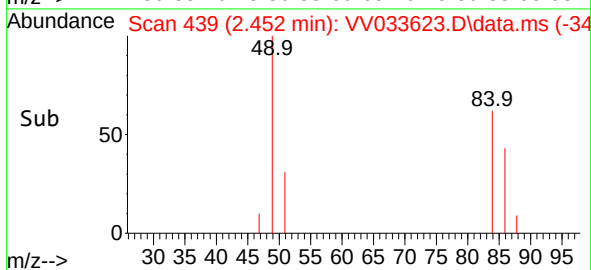
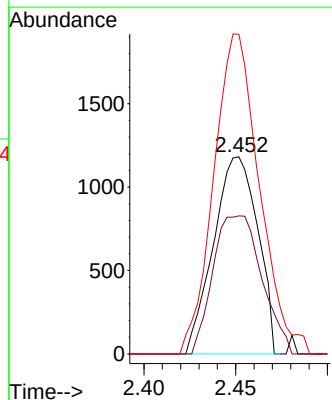
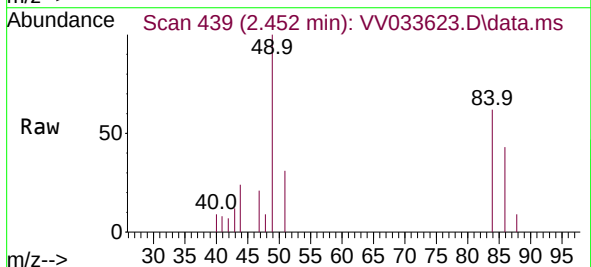
Instrument :
MSVOA_V
ClientSampleId :

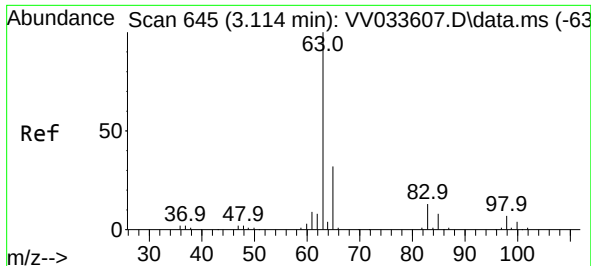
Tgt Ion: 43 Resp: 5078
Ion Ratio Lower Upper
43 100
74 17.8 16.6 24.8



#16
Methylene chloride
Concen: 0.453 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033623.D
Acq: 13 Jan 2024 02:39

Tgt Ion: 84 Resp: 1977
Ion Ratio Lower Upper
84 100
86 70.0 45.5 84.5
49 162.2 100.3 186.3





#19

1,1-Dichloroethane

Concen: 2.034 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

Instrument :

MSVOA_V

ClientSampleId :

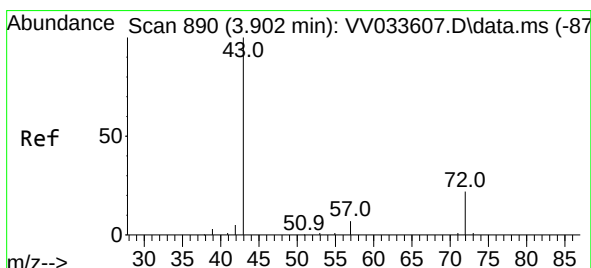
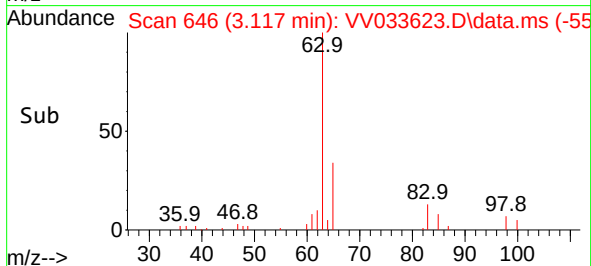
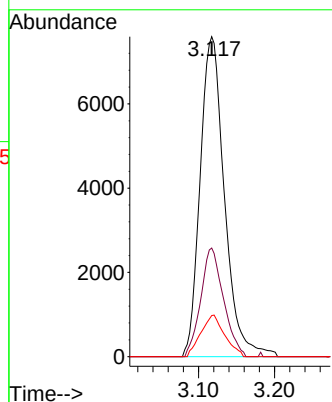
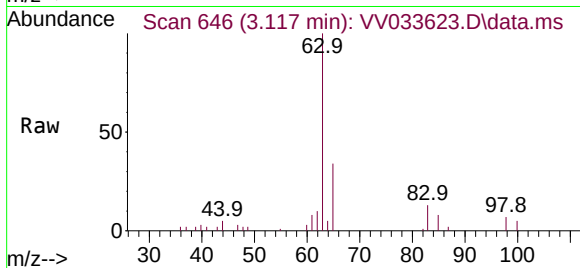
Tgt Ion: 63 Resp: 16881

Ion Ratio Lower Upper

63 100

65 33.9 21.6 40.2

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 10.257 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV033623.D

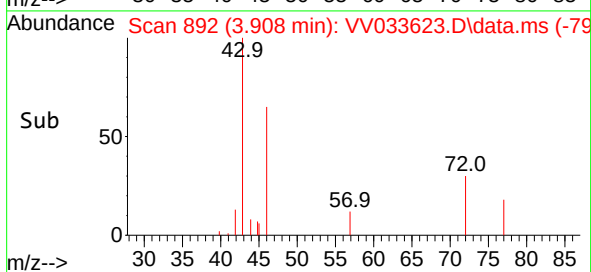
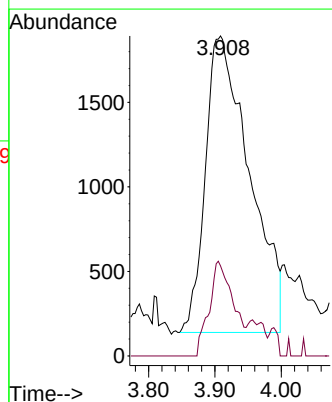
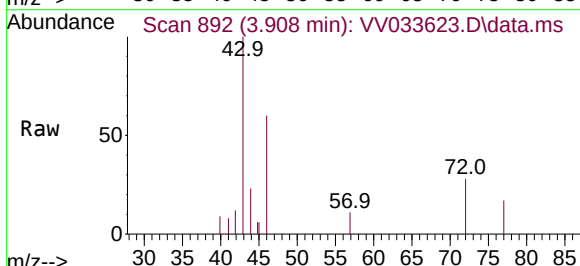
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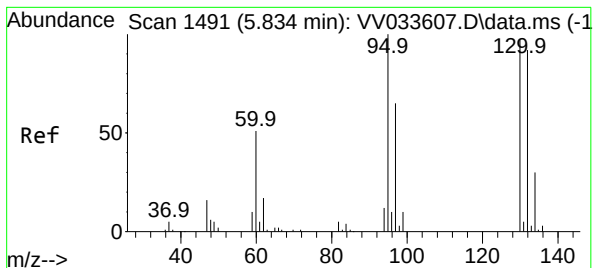
Tgt Ion: 43 Resp: 8105

Ion Ratio Lower Upper

43 100

72 17.7 10.5 31.6





#34

Trichloroethene

Concen: 0.189 ug/L

RT: 5.854 min Scan# 1497

Delta R.T. 0.019 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 888

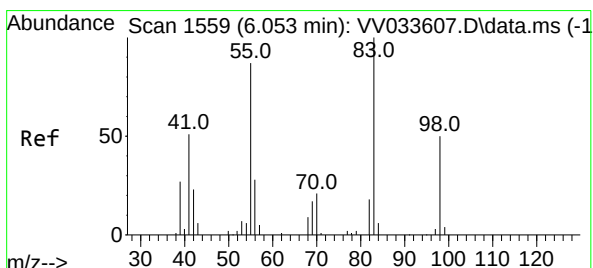
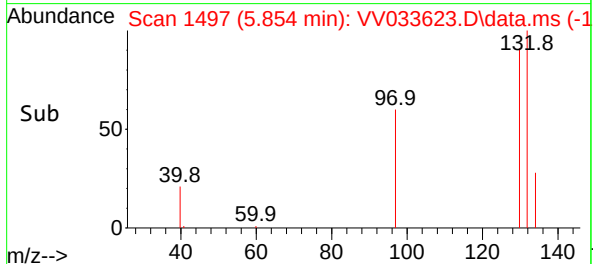
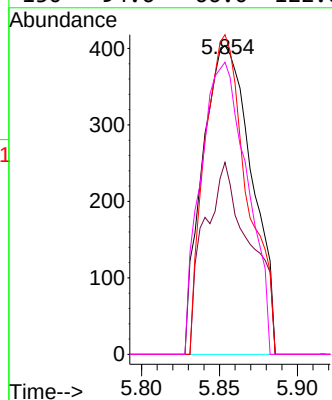
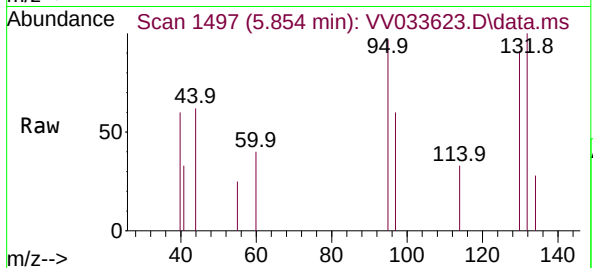
Ion Ratio Lower Upper

95 100

97 62.1 45.1 83.9

132 103.5 65.2 121.2

130 94.6 66.0 122.6



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

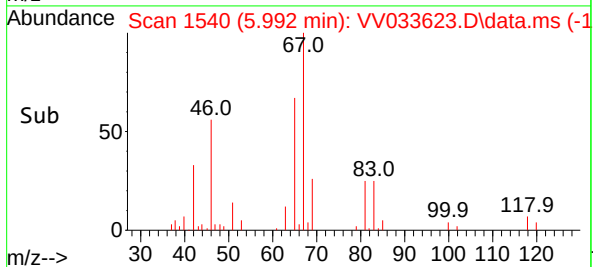
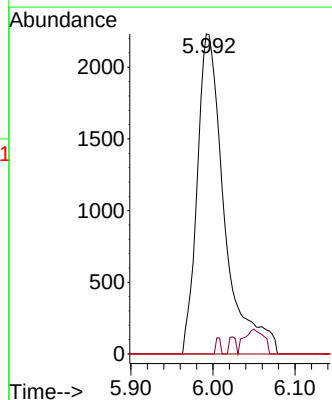
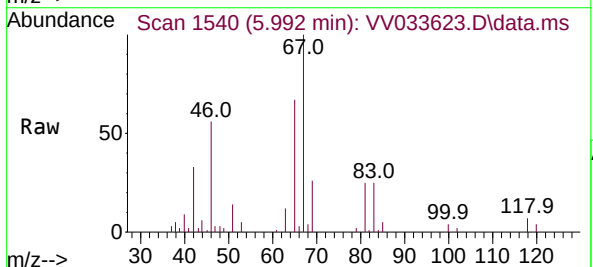
Tgt Ion: 83 Resp: 5144

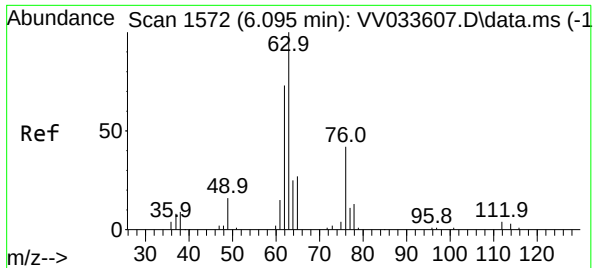
Ion Ratio Lower Upper

83 100

55 0.8 68.7 103.1#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

Instrument :

MSVOA_V

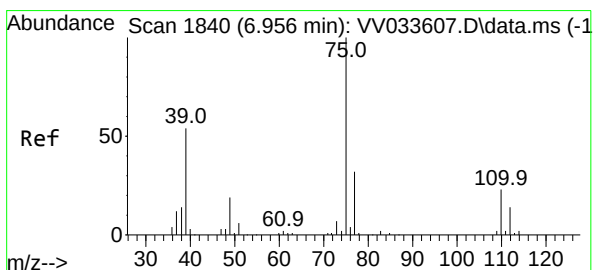
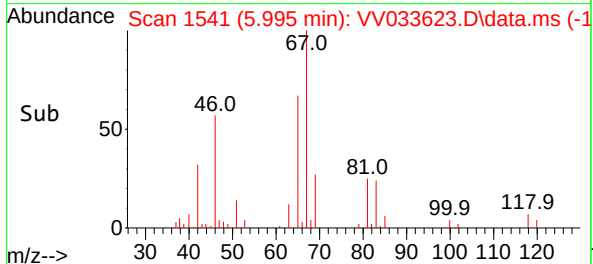
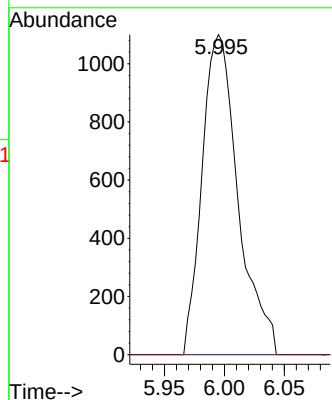
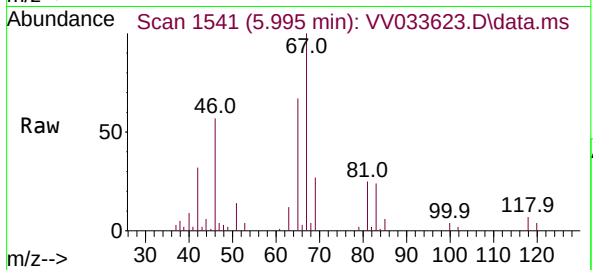
ClientSampleId :

Tgt Ion: 63 Resp: 2306

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.927 min Scan# 1831

Delta R.T. -0.029 min

Lab File: VV033623.D

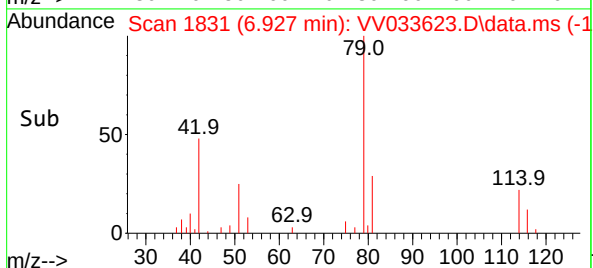
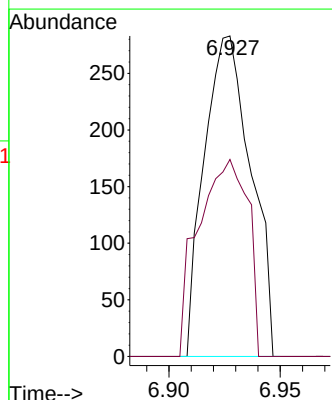
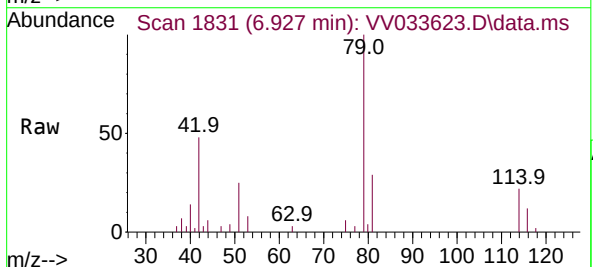
Acq: 13 Jan 2024 02:39

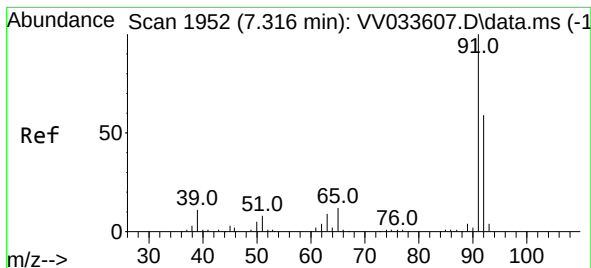
Tgt Ion: 75 Resp: 413

Ion Ratio Lower Upper

75 100

77 61.5 22.5 41.7#





#42

Toluene

Concen: 2.660 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

Instrument :

MSVOA_V

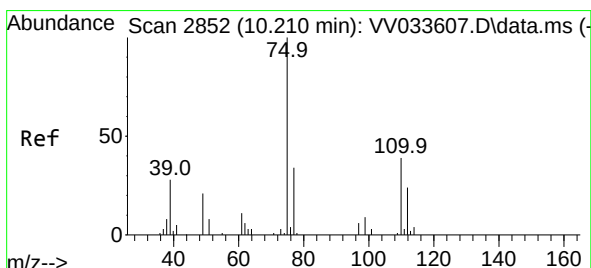
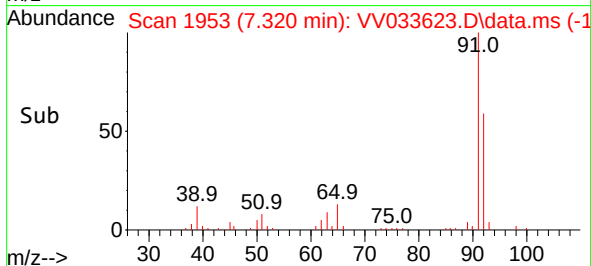
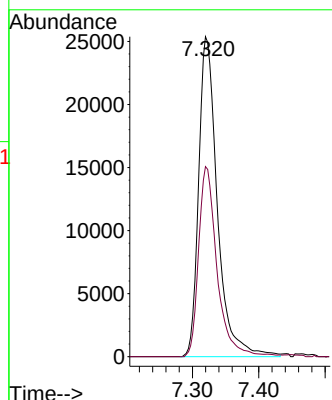
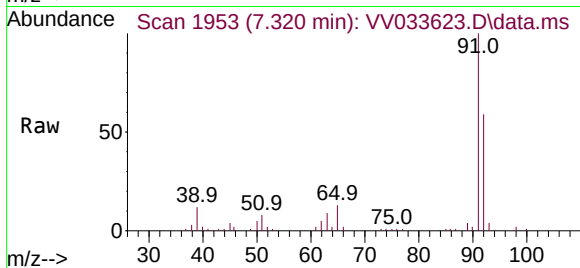
ClientSampleId :

Tgt Ion: 91 Resp: 49717

Ion Ratio Lower Upper

91 100

92 59.4 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.666 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033623.D

Acq: 13 Jan 2024 02:39

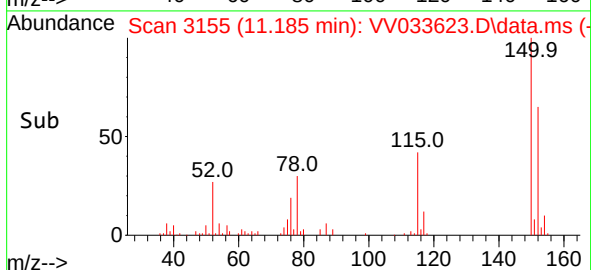
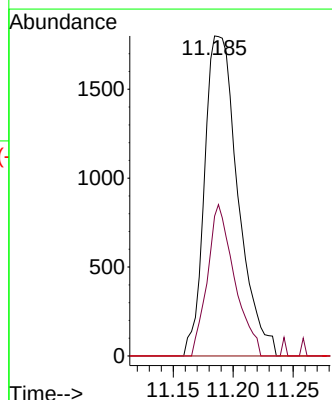
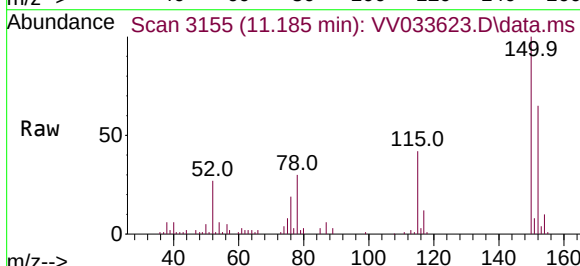
Tgt Ion: 75 Resp: 3486

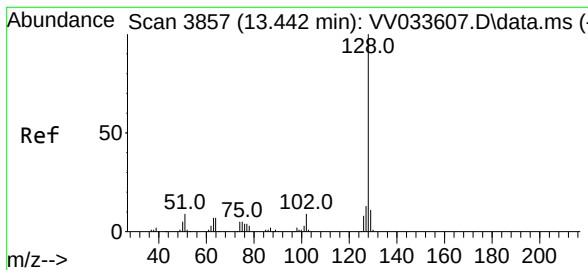
Ion Ratio Lower Upper

75 100

77 38.3 24.7 37.1#

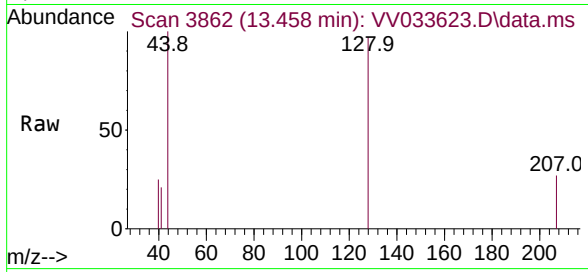
110 0.0 28.0 42.0#





#71
Naphthalene
Concen: 0.073 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.016 min
Lab File: VV033623.D
Acq: 13 Jan 2024 02:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	724
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.4	15.6#

