

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
 Data File : VV033639.D
 Acq On : 15 Jan 2024 13:49
 Operator : SY/MD
 Sample : P1121-10 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:45:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

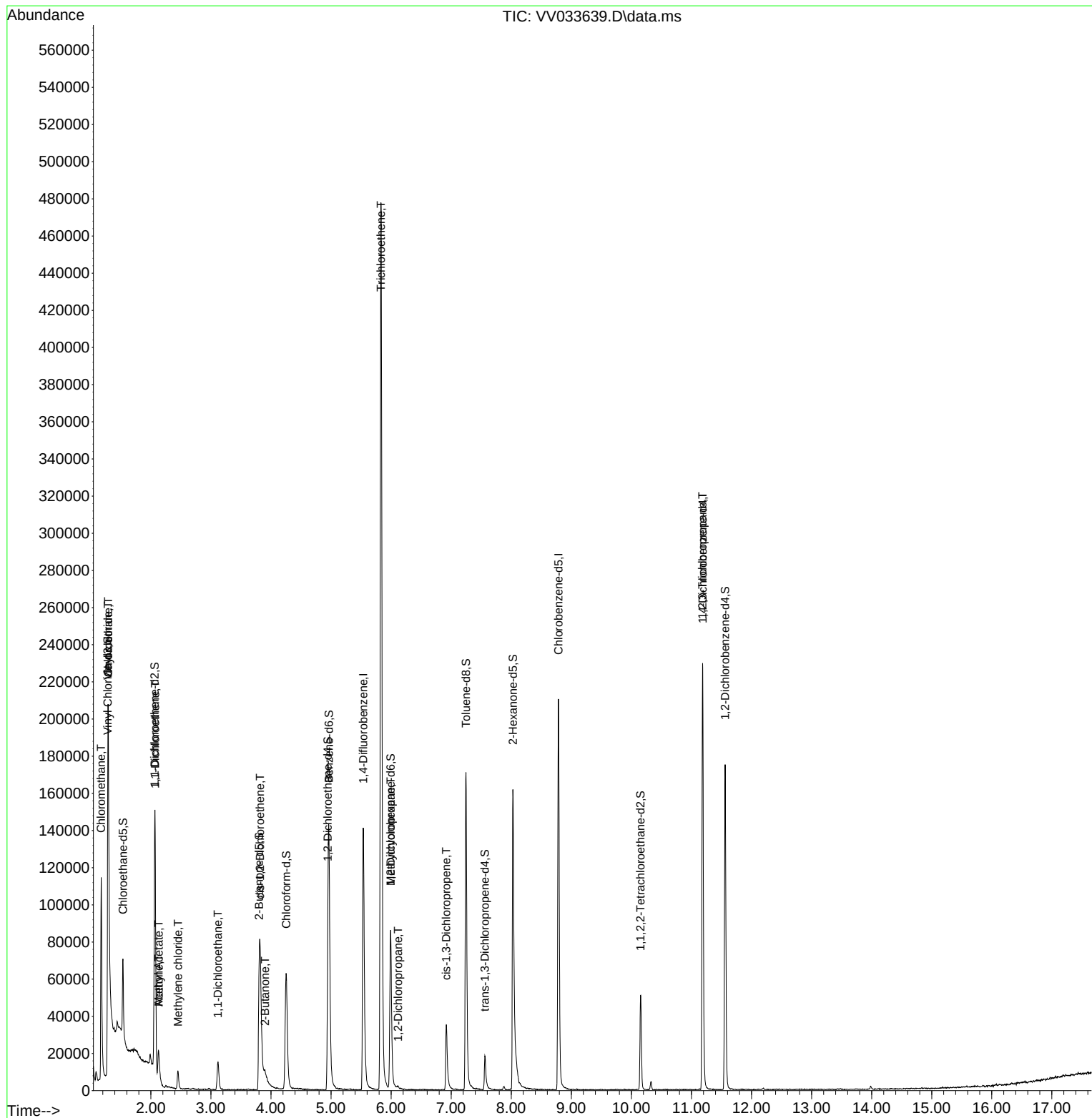
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	123077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	112480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	31627	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.535	69	26209	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.063	65	13801	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.802	46	78269	47.565	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.120%
24) Chloroform-d	4.252	84	68153	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	32058	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.963	84	130424	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.992	67	41929	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.246	98	116341	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.561	79	11847	3.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.027	63	60223	49.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	26490	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	43261	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.172	50	2327	0.173	ug/L #	42
5) Vinyl chloride	1.285	62	2998	0.234	ug/L #	1
8) Chloroethane	1.291	64	255614	32.873	ug/L #	52
12) 1,1-Dichloroethene	2.072	96	24180	2.787	ug/L #	80
13) Acetone	2.130	43	24230	18.138	ug/L	92
15) Methyl Acetate	2.130	43	24072	7.539	ug/L #	56
16) Methylene chloride	2.452	84	3787	0.370	ug/L	98
19) 1,1-Dichloroethane	3.117	63	16024	0.823	ug/L	96
21) 2-Butanone	3.902	43	16423	8.857	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	27094	2.640	ug/L	96
34) Trichloroethene	5.831	95	168795	15.878	ug/L	98
35) Methylcyclohexane	5.992	83	9871	0.549	ug/L #	15
37) 1,2-Dichloropropane	6.114	63	733	0.074	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	998	0.070	ug/L	85
61) 1,2,3-Trichloropropane	11.185	75	7402	1.591	ug/L #	67

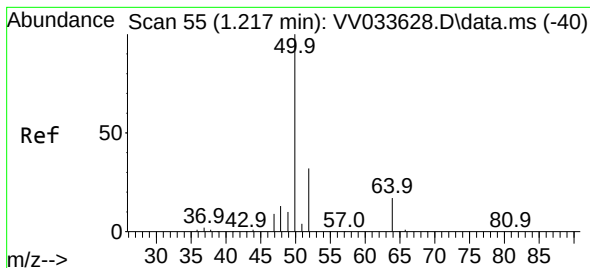
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.173 ug/L

RT: 1.172 min Scan# 41

Delta R.T. -0.045 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

Instrument :

MSVOA_V

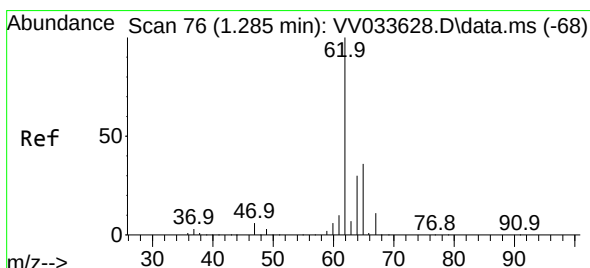
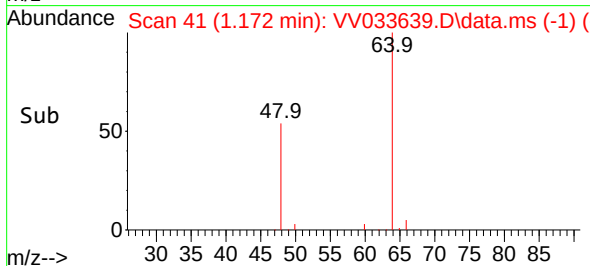
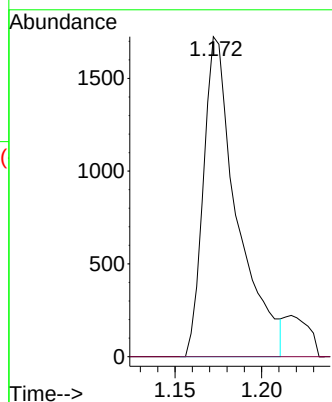
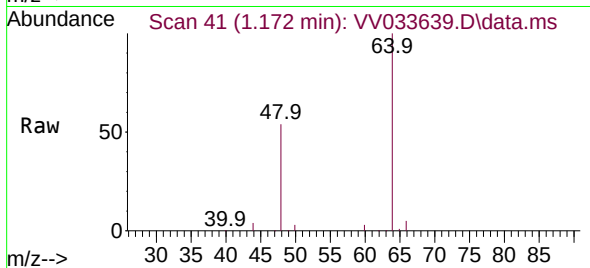
ClientSampleId :

Tgt Ion: 50 Resp: 2327

Ion Ratio Lower Upper

50 100

52 0.0 23.1 42.9#



#5

Vinyl chloride

Concen: 0.234 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033639.D

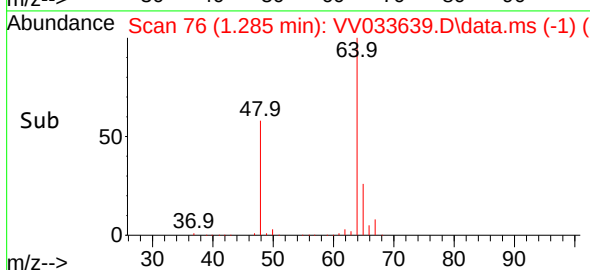
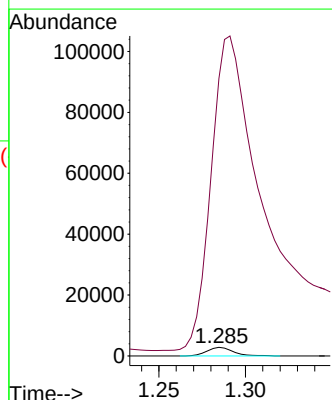
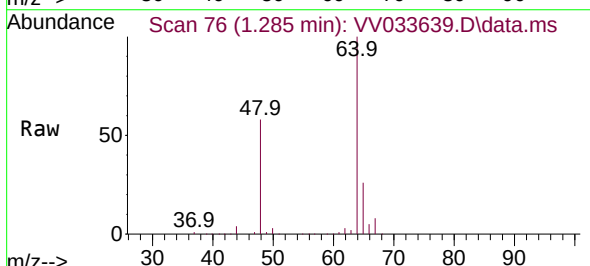
Acq: 15 Jan 2024 13:49

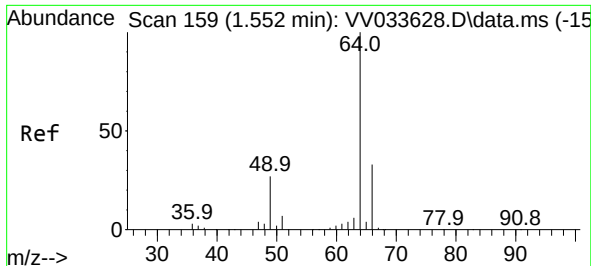
Tgt Ion: 62 Resp: 2998

Ion Ratio Lower Upper

62 100

64 3216.9 23.0 42.8#





#8

Chloroethane

Concen: 32.873 ug/L

RT: 1.291 min Scan# 71

Delta R.T. -0.261 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

Instrument :

MSVOA_V

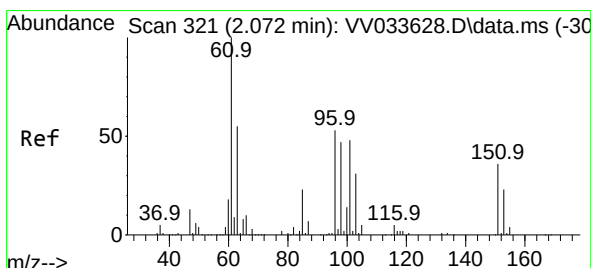
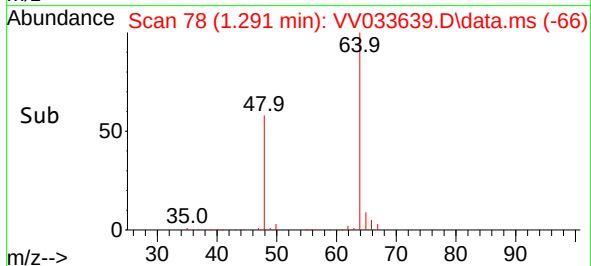
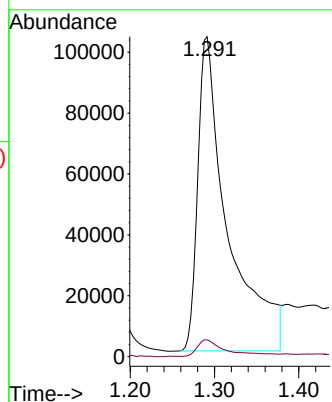
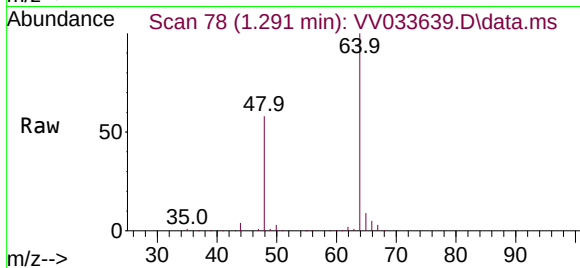
ClientSampleId :

Tgt Ion: 64 Resp: 255614

Ion Ratio Lower Upper

64 100

66 5.3 22.6 42.0#



#12

1,1-Dichloroethene

Concen: 2.787 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

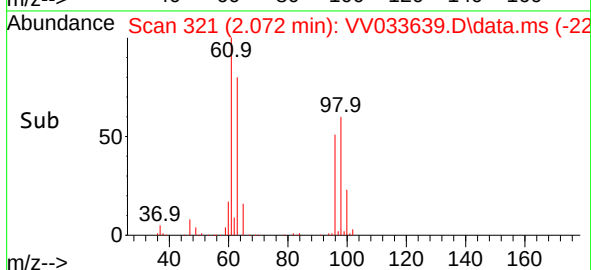
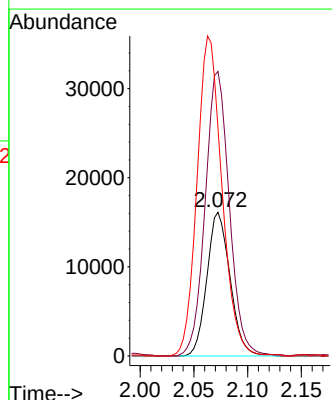
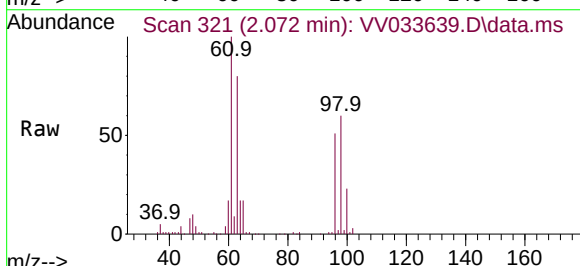
Tgt Ion: 96 Resp: 24180

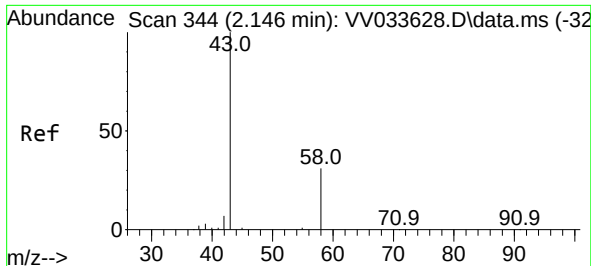
Ion Ratio Lower Upper

96 100

61 197.9 133.8 248.4

63 158.9 77.2 143.4#





#13

Acetone

Concen: 18.138 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

Instrument :

MSVOA_V

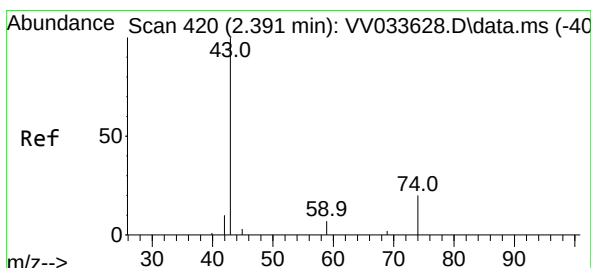
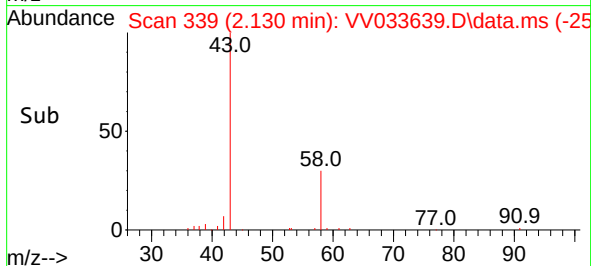
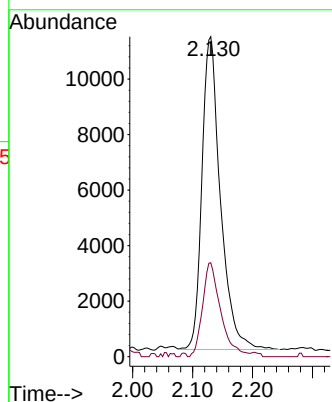
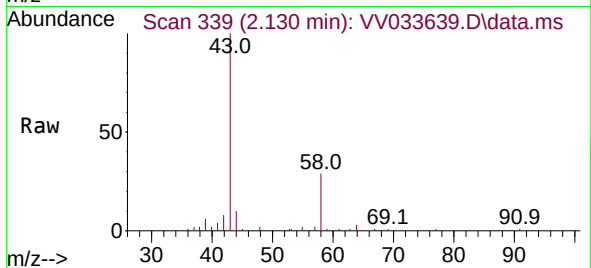
ClientSampleId :

Tgt Ion: 43 Resp: 24230

Ion Ratio Lower Upper

43 100

58 29.4 0.0 51.0



#15

Methyl Acetate

Concen: 7.539 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.261 min

Lab File: VV033639.D

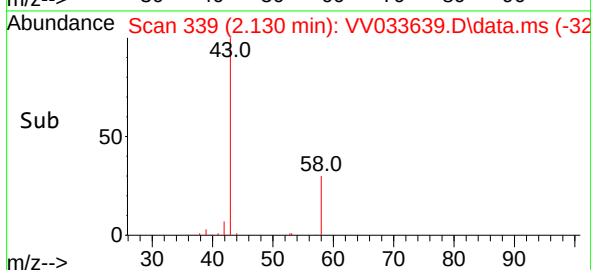
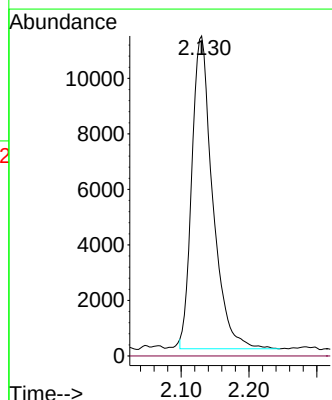
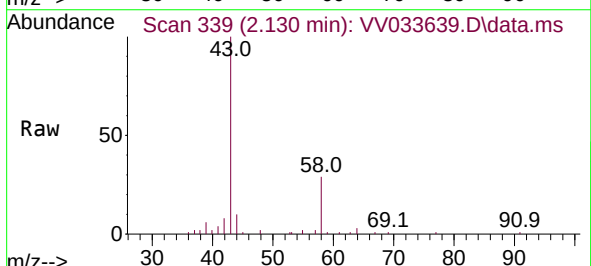
Acq: 15 Jan 2024 13:49

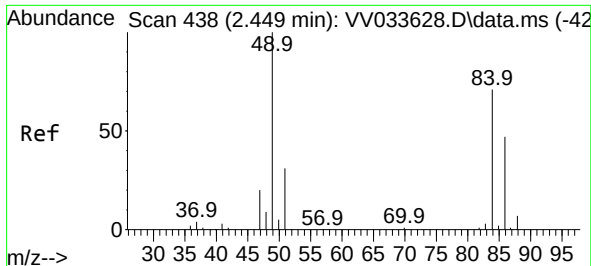
Tgt Ion: 43 Resp: 24072

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



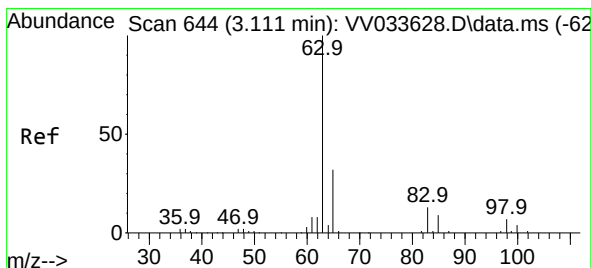
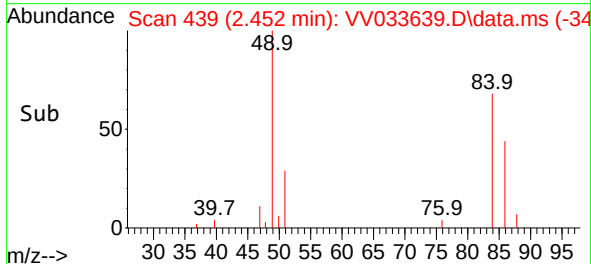
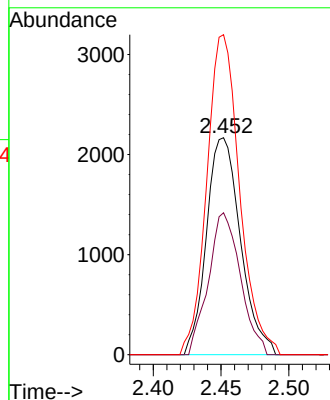
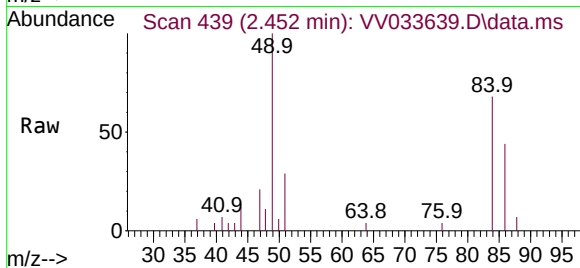


#16
Methylene chloride
Concen: 0.370 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033639.D
Acq: 15 Jan 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 3787

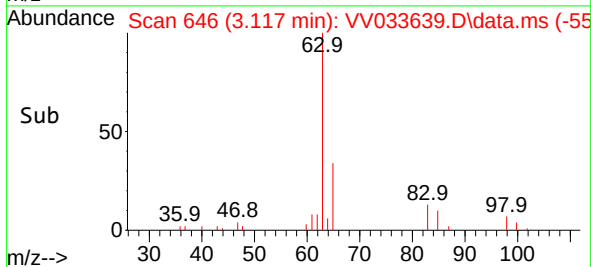
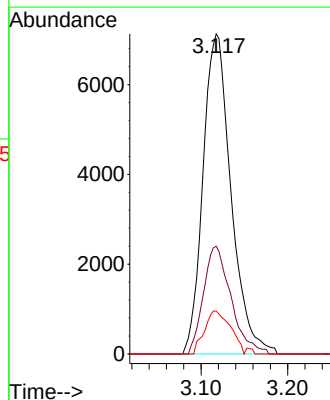
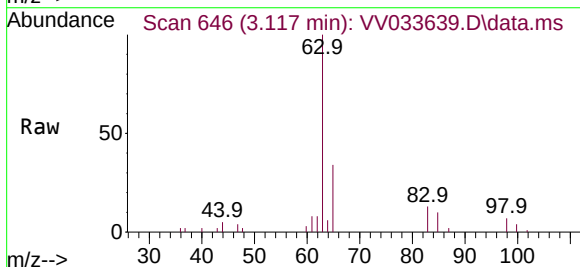
Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.5	84.5
49	147.4	100.3	186.3

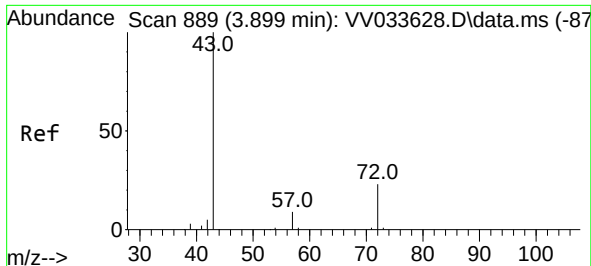


#19
1,1-Dichloroethane
Concen: 0.823 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033639.D
Acq: 15 Jan 2024 13:49

Tgt Ion: 63 Resp: 16024

Ion	Ratio	Lower	Upper
63	100		
65	33.6	21.6	40.2
83	13.4	9.1	16.9





#21

2-Butanone

Concen: 8.857 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

Instrument :

MSVOA_V

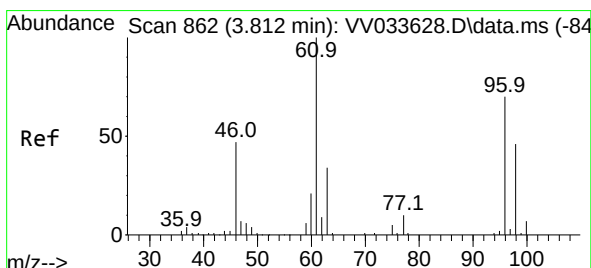
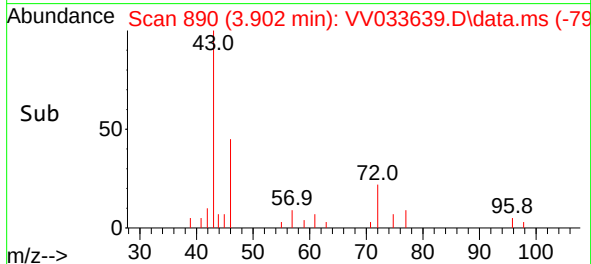
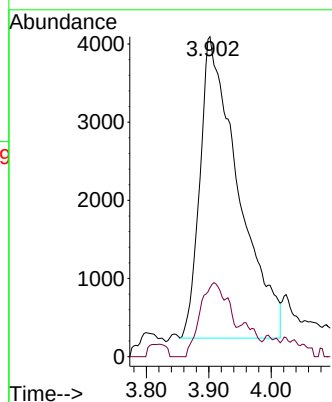
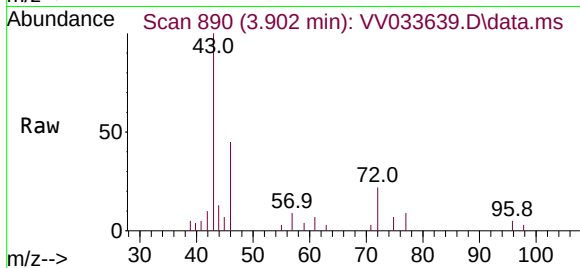
ClientSampleId :

Tgt Ion: 43 Resp: 16423

Ion Ratio Lower Upper

43 100

72 18.8 10.5 31.6



#22

cis-1,2-Dichloroethene

Concen: 2.640 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

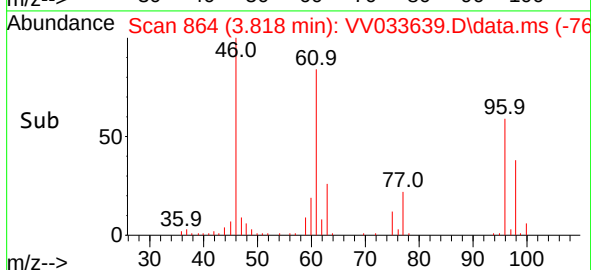
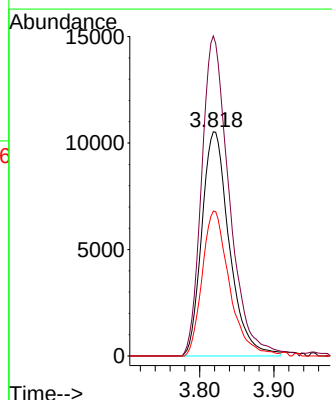
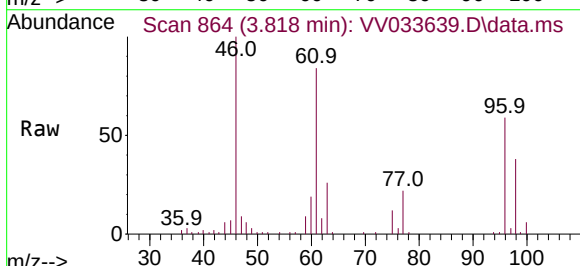
Tgt Ion: 96 Resp: 27094

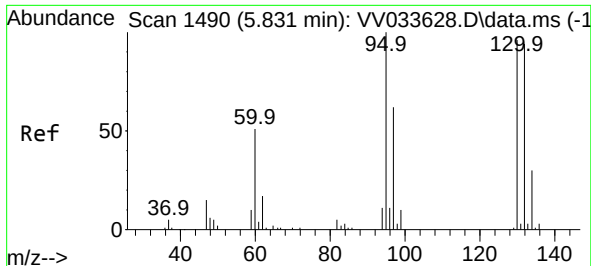
Ion Ratio Lower Upper

96 100

61 142.8 97.1 180.3

98 64.7 42.6 79.0

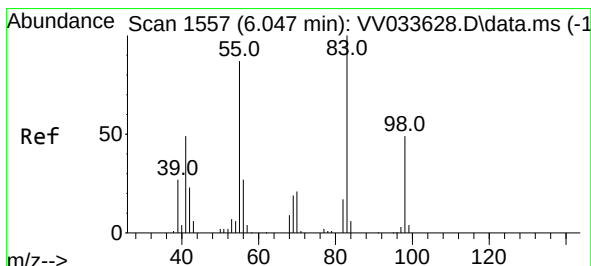
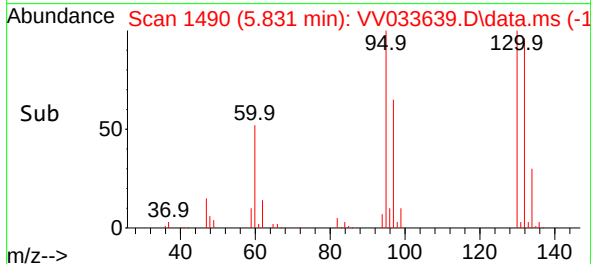
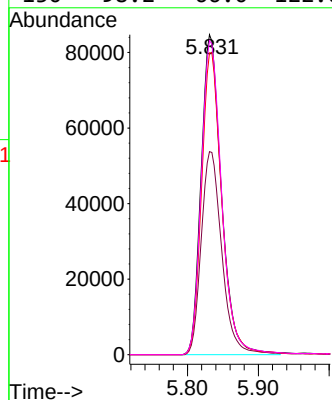
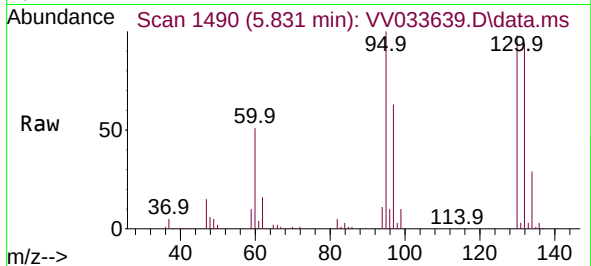




#34
Trichloroethene
Concen: 15.878 ug/L
RT: 5.831 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV033639.D
Acq: 15 Jan 2024 13:49

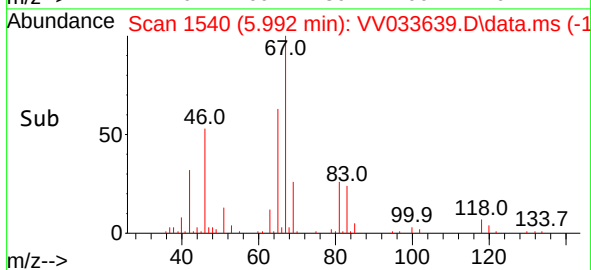
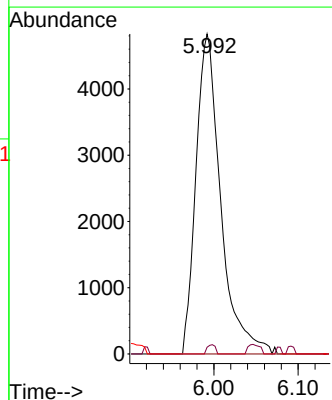
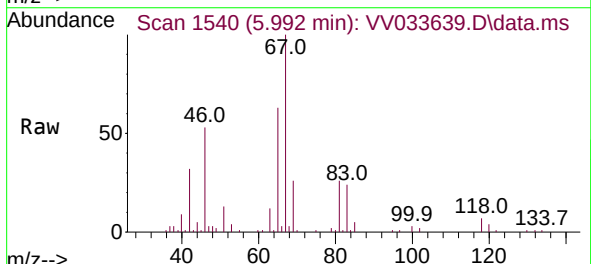
Instrument :
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ClientSampleId :

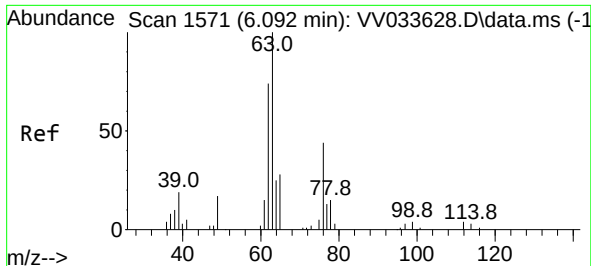
Tgt Ion: 95 Resp: 168795
Ion Ratio Lower Upper
95 100
97 63.5 45.1 83.9
132 94.3 65.2 121.2
130 98.2 66.0 122.6



#35
Methylcyclohexane
Concen: 0.549 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV033639.D
Acq: 15 Jan 2024 13:49

Tgt Ion: 83 Resp: 9871
Ion Ratio Lower Upper
83 100
55 1.0 68.7 103.1#
98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.074 ug/L

RT: 6.114 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV033639.D

Acq: 15 Jan 2024 13:49

Instrument :

MSVOA_V

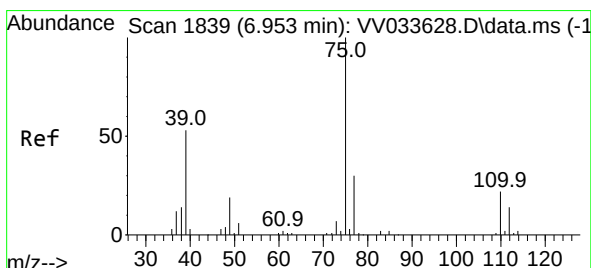
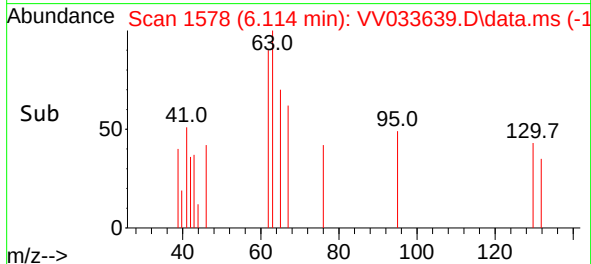
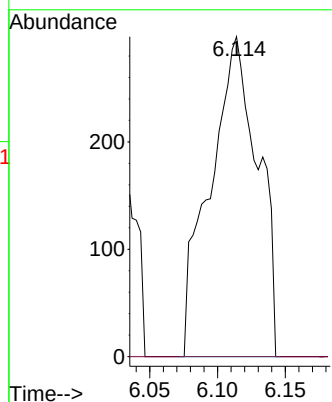
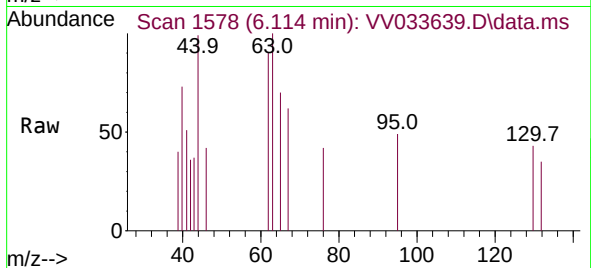
ClientSampleId :

Tgt Ion: 63 Resp: 733

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.035 min

Lab File: VV033639.D

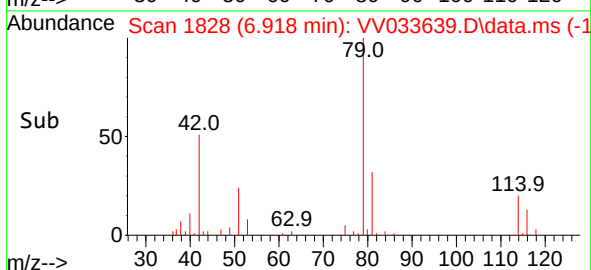
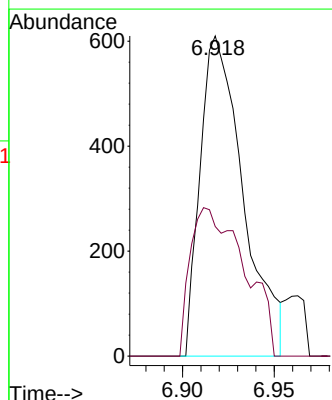
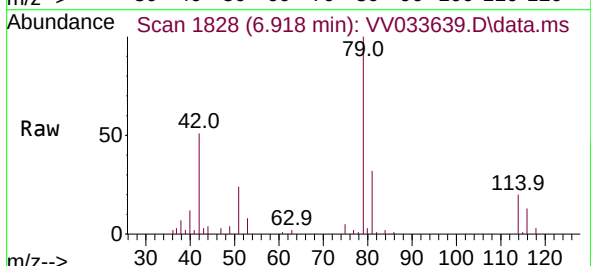
Acq: 15 Jan 2024 13:49

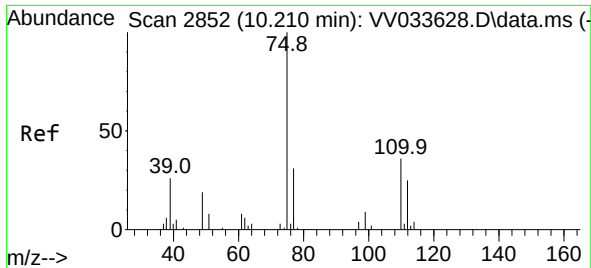
Tgt Ion: 75 Resp: 998

Ion Ratio Lower Upper

75 100

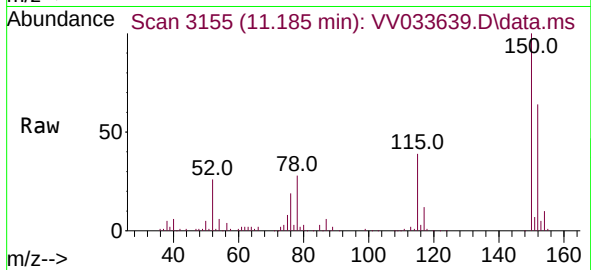
77 40.5 22.5 41.7





#61
1,2,3-Trichloropropane
Concen: 1.591 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV033639.D
Acq: 15 Jan 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.3	24.7	37.1
110	3.0	28.0	42.0

