

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
 Data File : VV033717.D
 Acq On : 17 Jan 2024 14:07
 Operator : SY/MD
 Sample : P1121-12 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

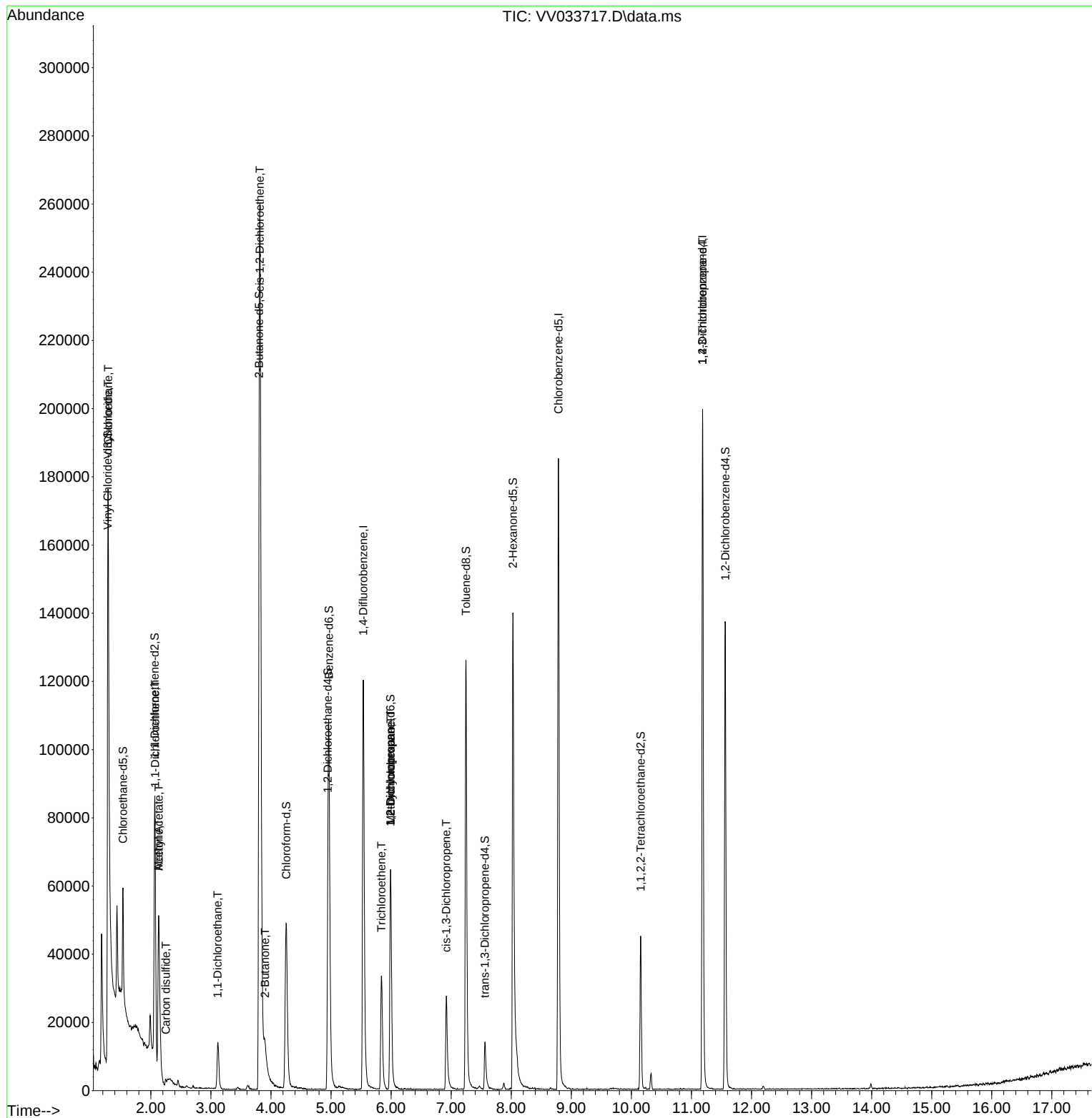
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	104646	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	20887	3.650	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.536	69	19559	3.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.063	65	9627	3.733	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.802	46	68359	48.859	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.720%	
24) Chloroform-d	4.256	84	53965	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.947	65	25803	4.650	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	4.963	84	96986	4.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	5.989	67	32133	4.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.200%	
41) Toluene-d8	7.246	98	84276	3.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.561	79	9960	3.644	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.800%	
46) 2-Hexanone-d5	8.027	63	51880	48.341	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22111	4.786	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	35169	4.472	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1582	0.145	ug/L #	1
8) Chloroethane	1.288	64	256590	38.811	ug/L #	52
12) 1,1-Dichloroethene	2.072	96	9523	1.291	ug/L #	53
13) Acetone	2.130	43	72542	63.869	ug/L	94
14) Carbon disulfide	2.249	76	2646	0.097	ug/L #	88
15) Methyl Acetate	2.130	43	69727	25.685	ug/L #	56
19) 1,1-Dichloroethane	3.114	63	14723	0.889	ug/L	97
21) 2-Butanone	3.902	43	23826	15.112	ug/L #	70
22) cis-1,2-Dichloroethene	3.815	96	126130	14.456	ug/L	98
34) Trichloroethene	5.838	95	12724	1.370	ug/L	98
35) Methylcyclohexane	5.992	83	7466	0.475	ug/L #	15
37) 1,2-Dichloropropane	5.992	63	3900	0.450	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	775	0.063	ug/L #	48
61) 1,2,3-Trichloropropane	11.185	75	6572	1.601	ug/L #	62

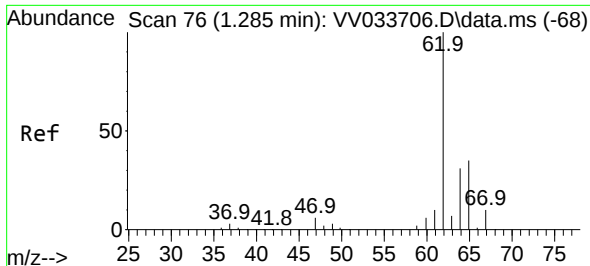
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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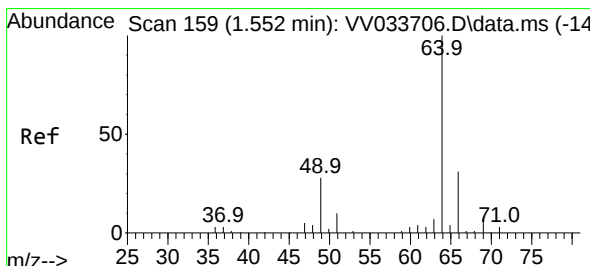
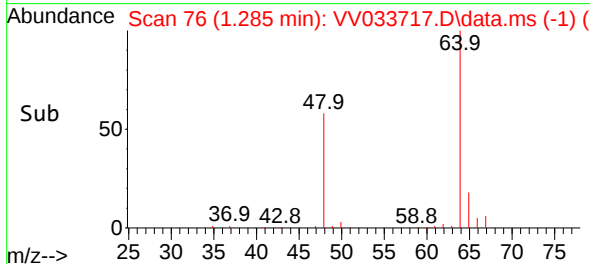
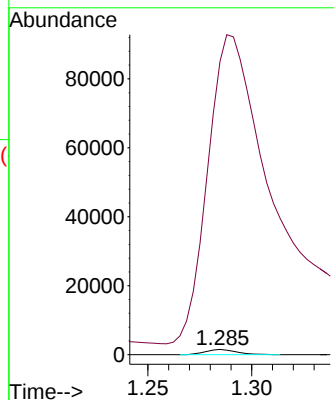
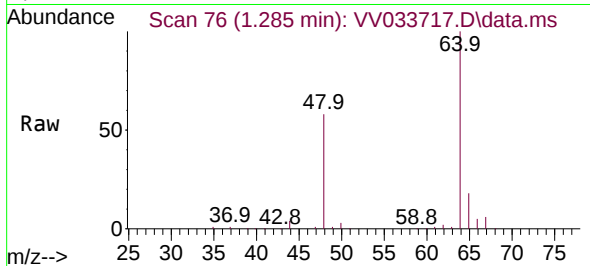




#5
 Vinyl chloride
 Concen: 0.145 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033717.D
 Acq: 17 Jan 2024 14:07

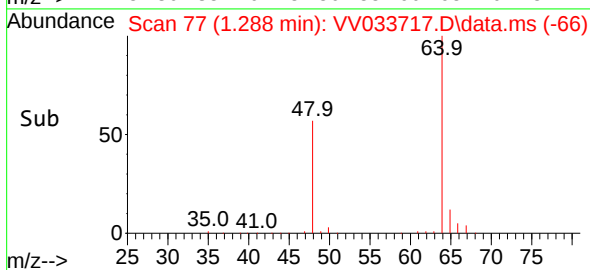
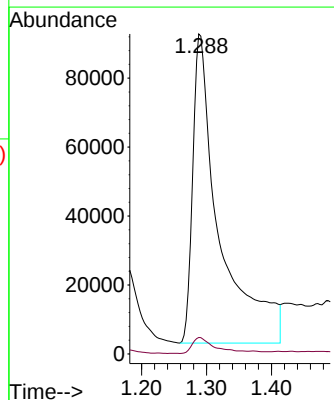
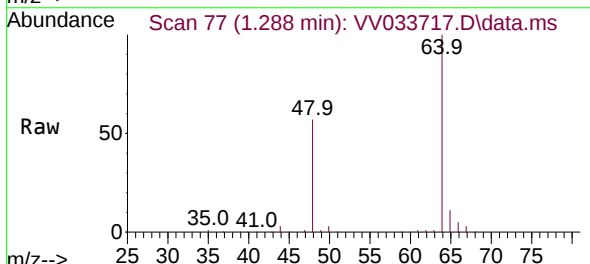
Instrument :
 MSVOA_V
 ClientSampleId :

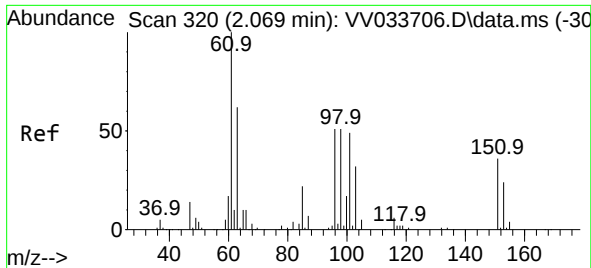
Tgt Ion: 62 Resp: 1582
 Ion Ratio Lower Upper
 62 100
 64 5612.7 23.0 42.8#



#8
 Chloroethane
 Concen: 38.811 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.264 min
 Lab File: VV033717.D
 Acq: 17 Jan 2024 14:07

Tgt Ion: 64 Resp: 256590
 Ion Ratio Lower Upper
 64 100
 66 5.2 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 1.291 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Instrument :

MSVOA_V

ClientSampleId :

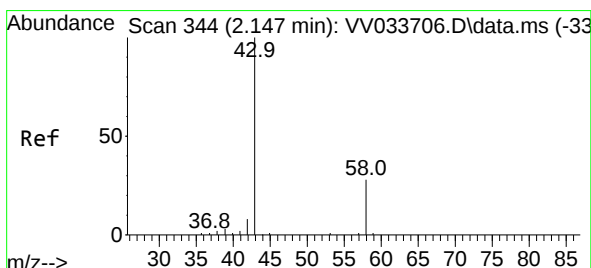
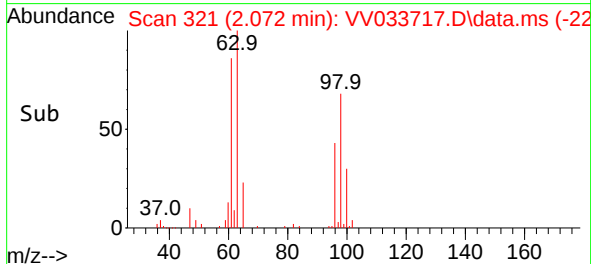
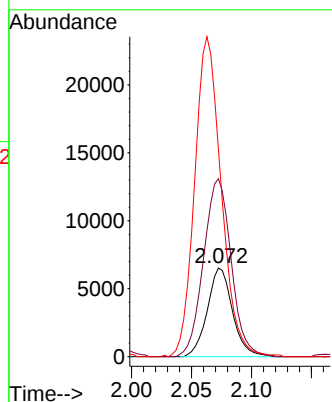
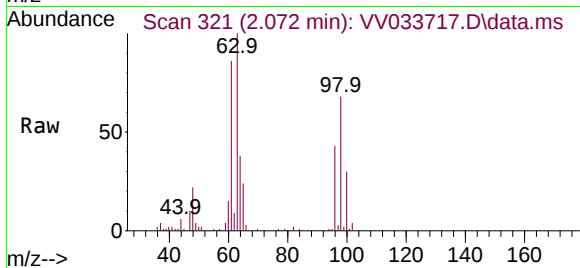
Tgt Ion: 96 Resp: 9523

Ion Ratio Lower Upper

96 100

61 200.6 133.8 248.4

63 233.4 77.2 143.4#



#13

Acetone

Concen: 63.869 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.016 min

Lab File: VV033717.D

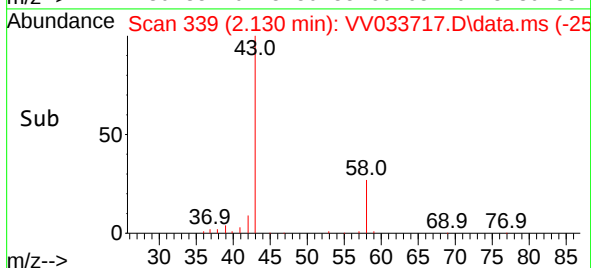
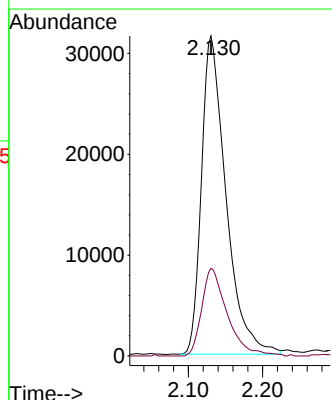
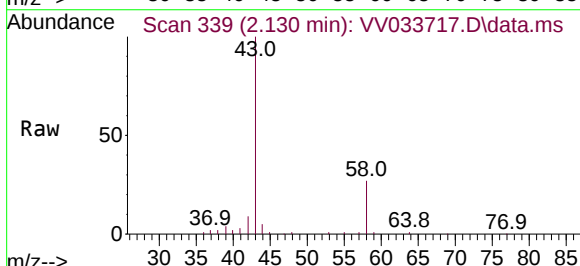
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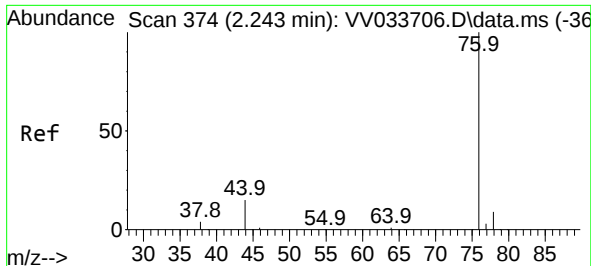
Tgt Ion: 43 Resp: 72542

Ion Ratio Lower Upper

43 100

58 28.6 0.0 51.0





#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.249 min Scan# 31

Delta R.T. 0.006 min

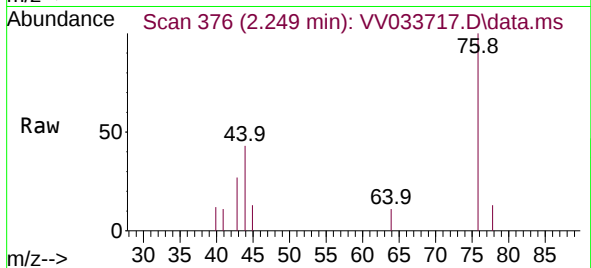
Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Instrument :

MSVOA_V

ClientSampleId :

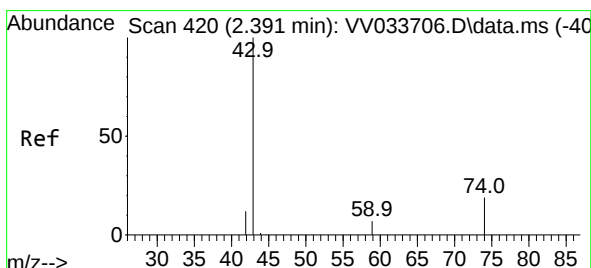
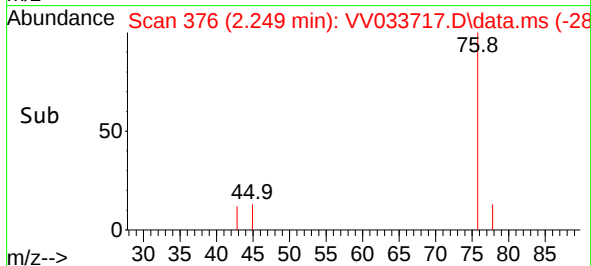
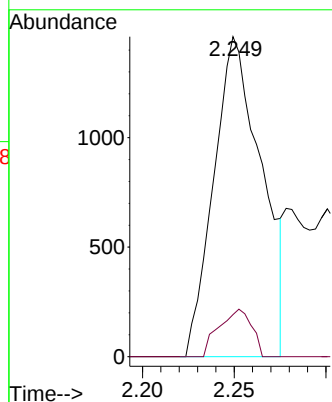


Tgt Ion: 76 Resp: 2646

Ion Ratio Lower Upper

76 100

78 13.1 7.1 10.7#



#15

Methyl Acetate

Concen: 25.685 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.261 min

Lab File: VV033717.D

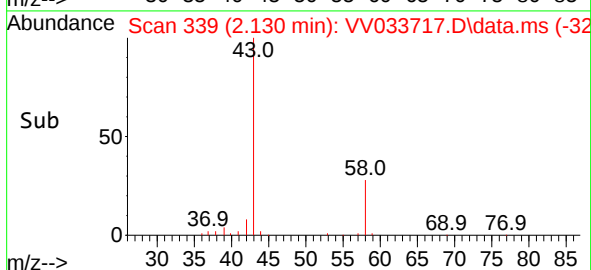
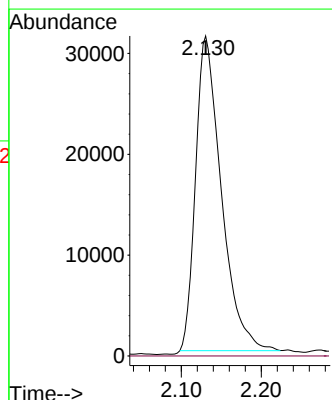
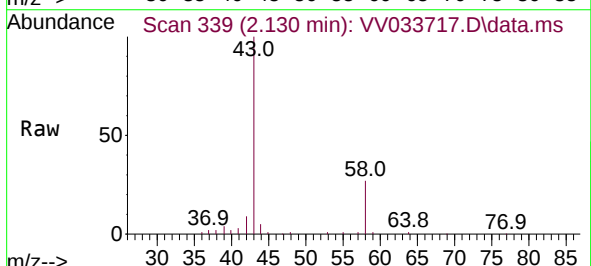
Acq: 17 Jan 2024 14:07

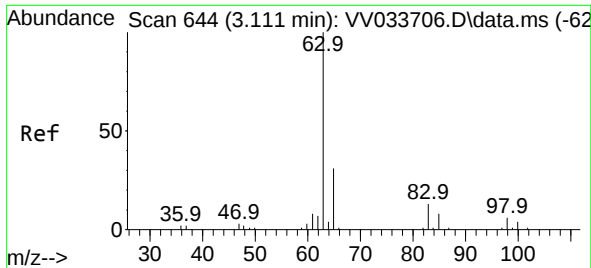
Tgt Ion: 43 Resp: 69727

Ion Ratio Lower Upper

43 100

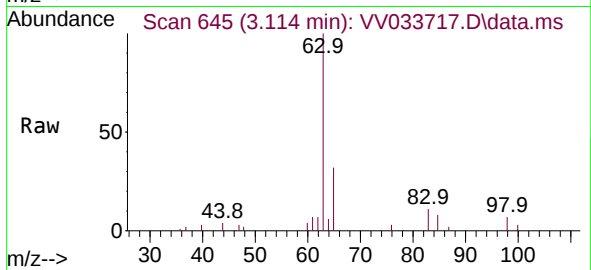
74 0.0 16.6 24.8#



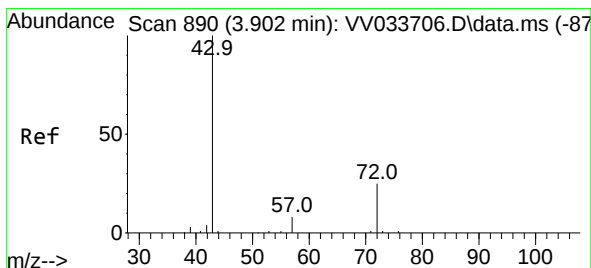
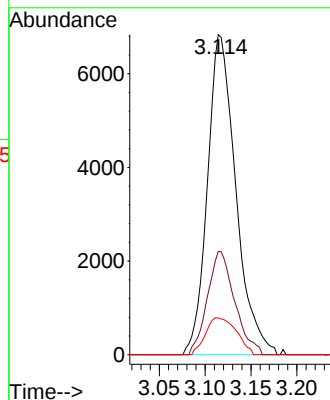
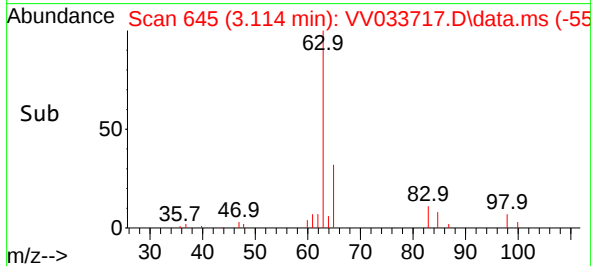


#19
1,1-Dichloroethane
Concen: 0.889 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033717.D
Acq: 17 Jan 2024 14:07

Instrument :
MSVOA_V
ClientSampleId :

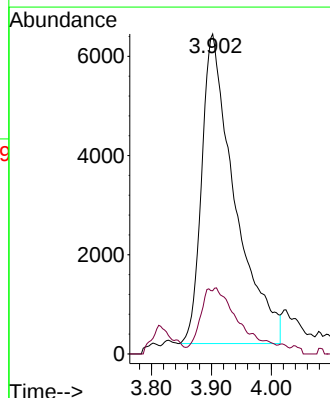
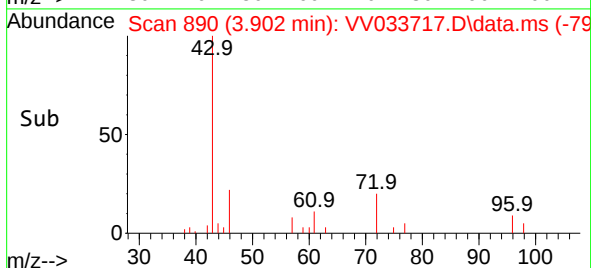
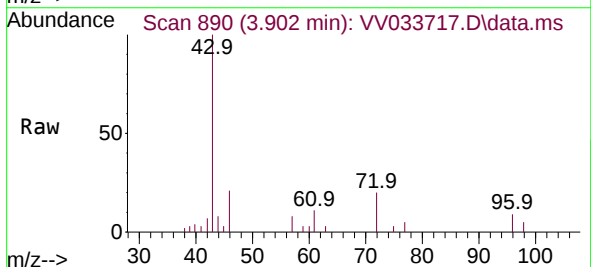


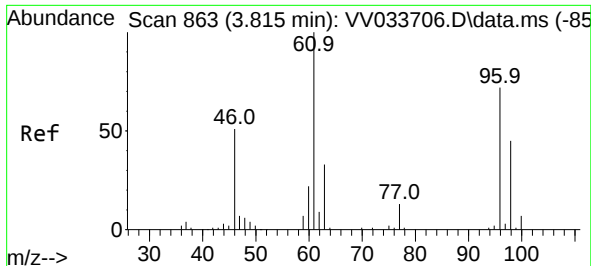
Tgt Ion: 63 Resp: 14723
Ion Ratio Lower Upper
63 100
65 32.2 21.6 40.2
83 11.5 9.1 16.9



#21
2-Butanone
Concen: 15.112 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV033717.D
Acq: 17 Jan 2024 14:07

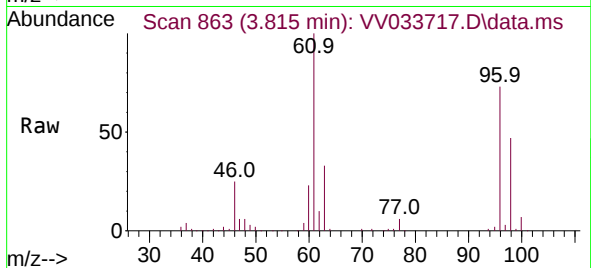
Tgt Ion: 43 Resp: 23826
Ion Ratio Lower Upper
43 100
72 7.0 10.5 31.6#



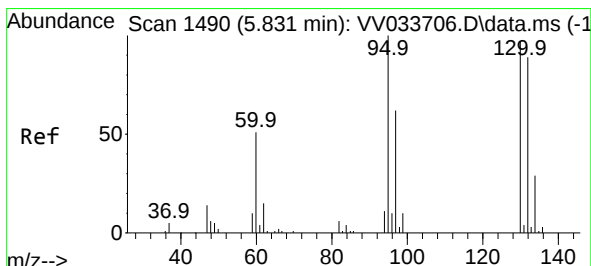
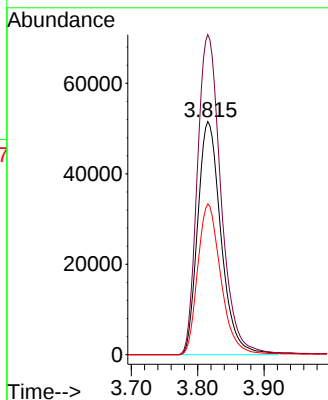
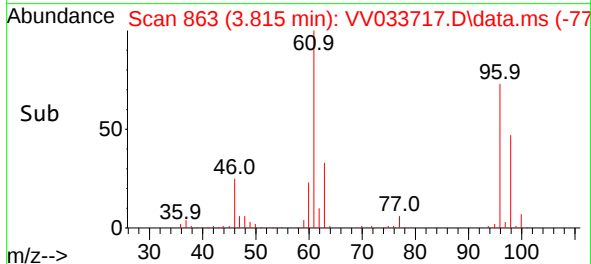


#22
cis-1,2-Dichloroethene
Concen: 14.456 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033717.D
Acq: 17 Jan 2024 14:07

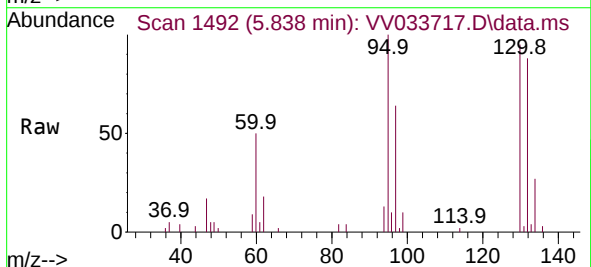
Instrument :
MSVOA_V
ClientSampleId :



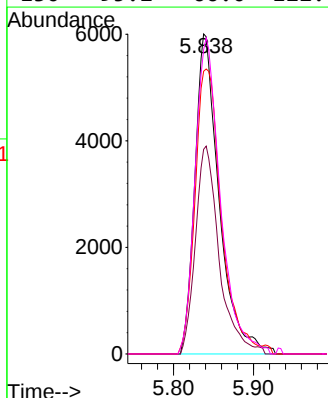
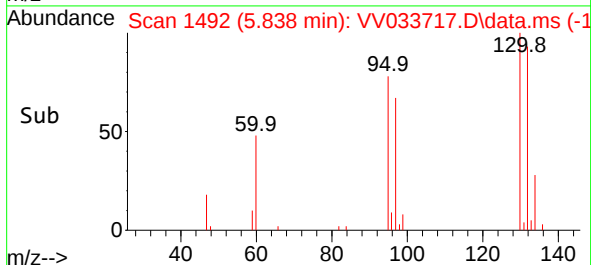
Tgt Ion: 96 Resp: 126130
Ion Ratio Lower Upper
96 100
61 137.3 97.1 180.3
98 64.7 42.6 79.0

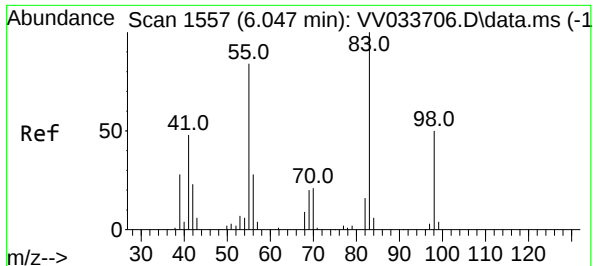


#34
Trichloroethene
Concen: 1.370 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033717.D
Acq: 17 Jan 2024 14:07



Tgt Ion: 95 Resp: 12724
Ion Ratio Lower Upper
95 100
97 63.9 45.1 83.9
132 88.4 65.2 121.2
130 95.2 66.0 122.6





#35

Methylcyclohexane

Concen: 0.475 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV033717.D

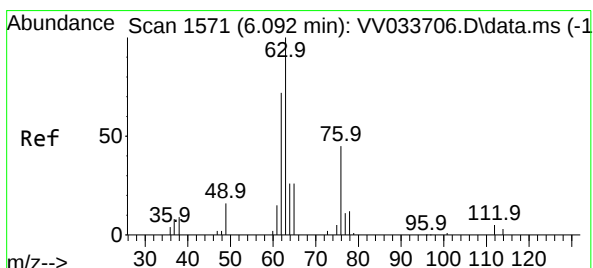
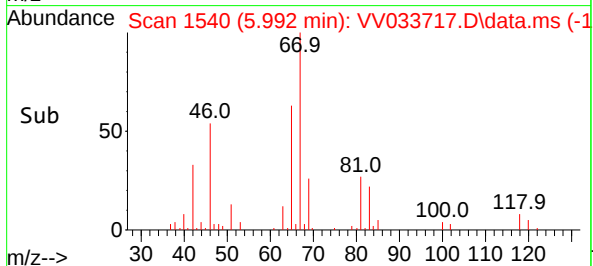
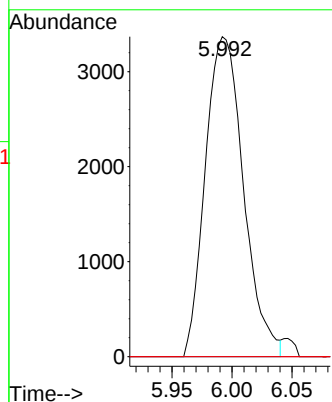
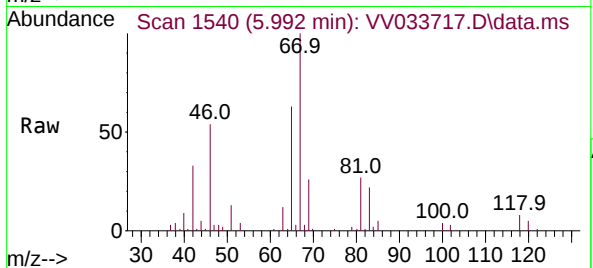
Acq: 17 Jan 2024 14:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7466
Ion Ratio	Lower Upper
83 100	
55 0.0	68.7 103.1#
98 1.8	38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.450 ug/L

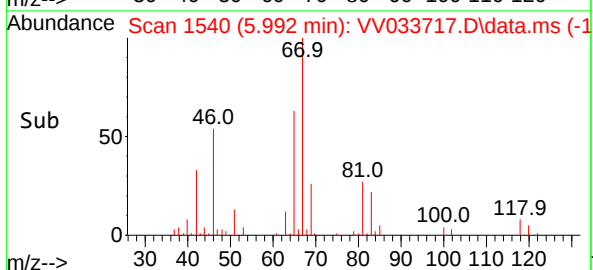
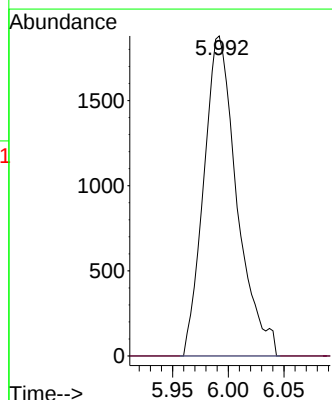
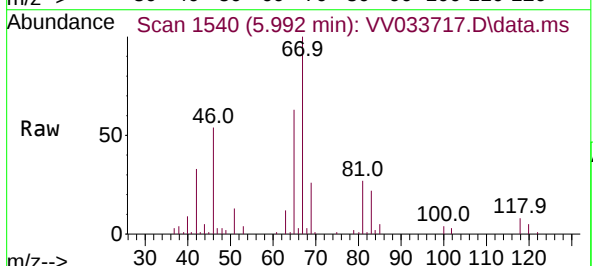
RT: 5.992 min Scan# 1540

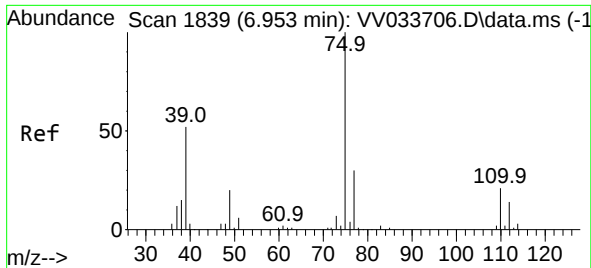
Delta R.T. -0.100 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Tgt Ion: 63	Resp: 3900
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Instrument :

MSVOA_V

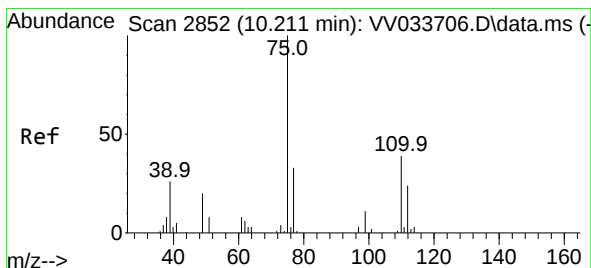
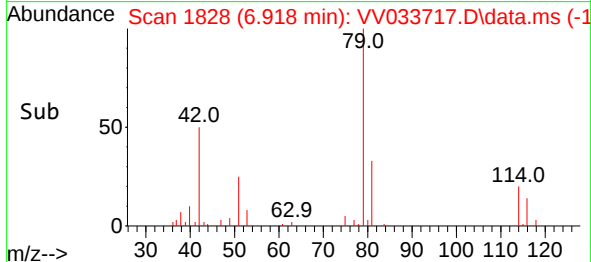
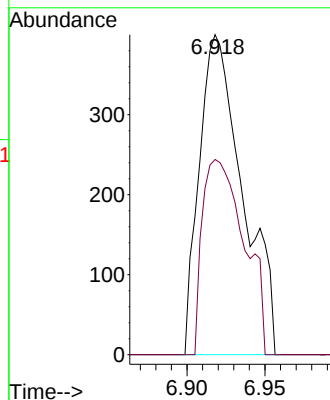
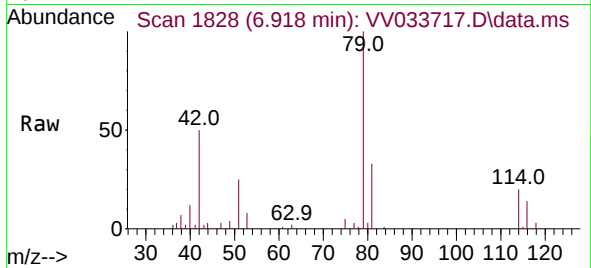
ClientSampleId :

Tgt Ion: 75 Resp: 775

Ion Ratio Lower Upper

75 100

77 61.0 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.601 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Tgt Ion: 75 Resp: 6572

Ion Ratio Lower Upper

75 100

77 38.1 24.7 37.1#

110 0.6 28.0 42.0#

