

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011824\
 Data File : VV033736.D
 Acq On : 18 Jan 2024 13:19
 Operator : SY/MD
 Sample : P1120-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 00:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

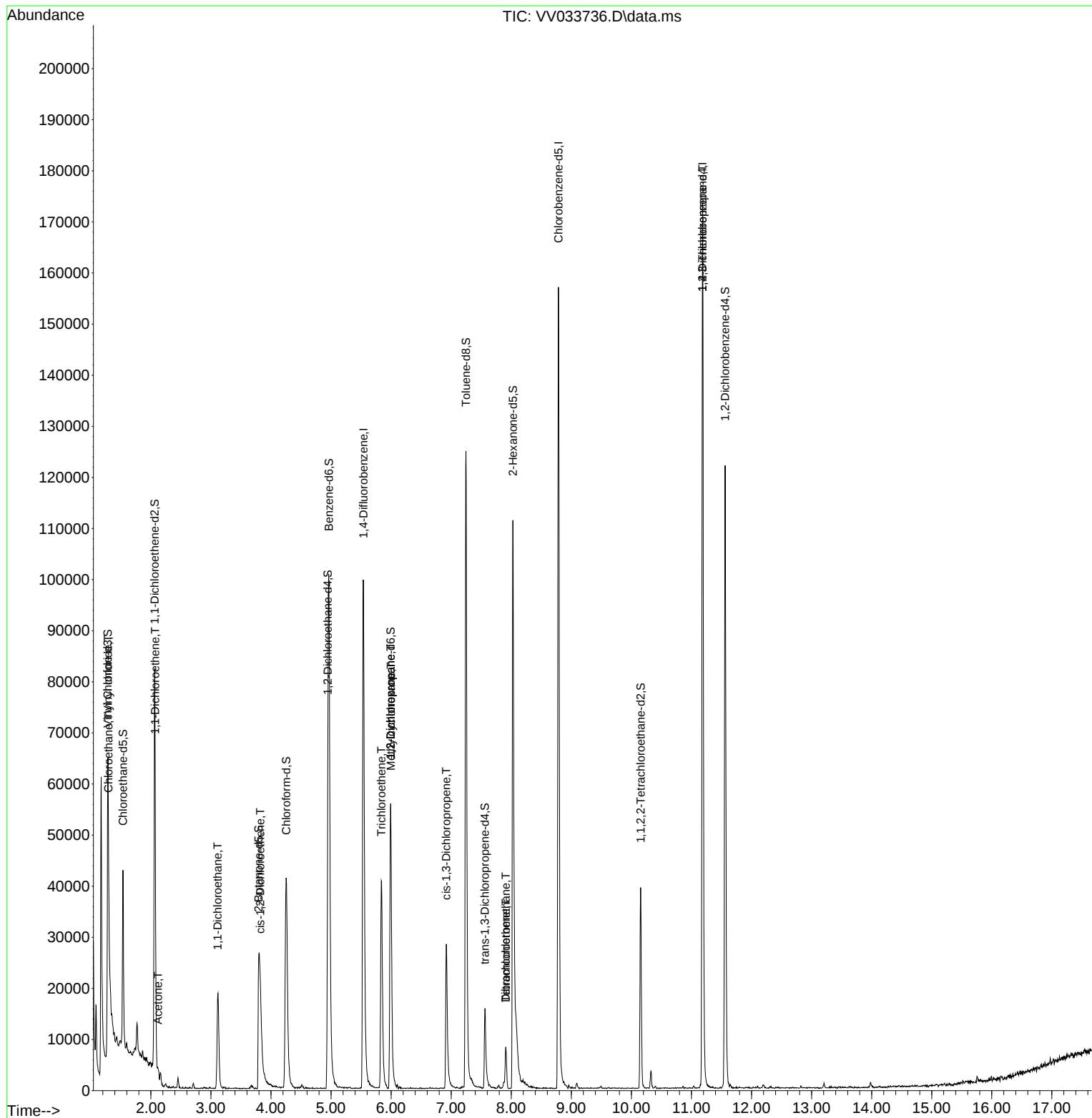
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	88516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26851	5.547	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.000%	
7) Chloroethane-d5	1.535	69	20407	4.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.063	65	12040	5.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.400%	
20) 2-Butanone-d5	3.796	46	43168	36.476	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.960%	
24) Chloroform-d	4.256	84	45666	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.947	65	24184	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	4.963	84	92228	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	5.992	67	27549	4.021	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.400%	
41) Toluene-d8	7.246	98	85567	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.561	79	10697	4.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.027	63	39019	41.960	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.920%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19194	4.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31027	4.412	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	702	0.076	ug/L #	1
8) Chloroethane	1.294	64	55945	10.004	ug/L #	51
12) 1,1-Dichloroethene	2.072	96	4396	0.705	ug/L #	1
13) Acetone	2.121	43	2724	2.835	ug/L	93
19) 1,1-Dichloroethane	3.114	63	20796	1.485	ug/L	97
22) cis-1,2-Dichloroethene	3.821	96	5218	0.707	ug/L	94
34) Trichloroethene	5.837	95	15026	1.867	ug/L	94
35) Methylcyclohexane	5.995	83	6997	0.514	ug/L #	23
37) 1,2-Dichloropropane	5.992	63	3321	0.442	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	741	0.069	ug/L #	82
47) Tetrachloroethene	7.908	164	1980	0.342	ug/L	93
49) Dibromochloromethane	7.908	129	1817	0.350	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	5608	1.527	ug/L #	64

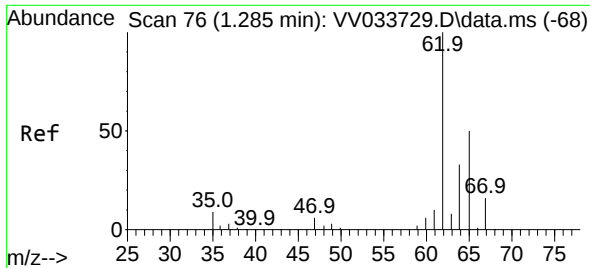
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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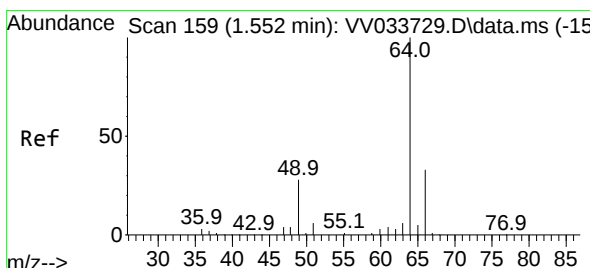
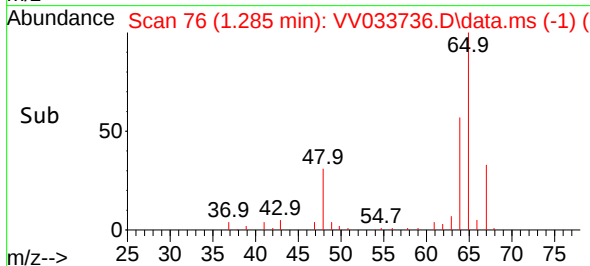
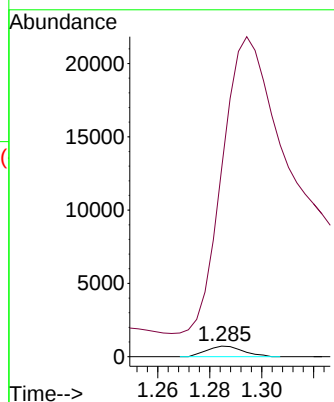
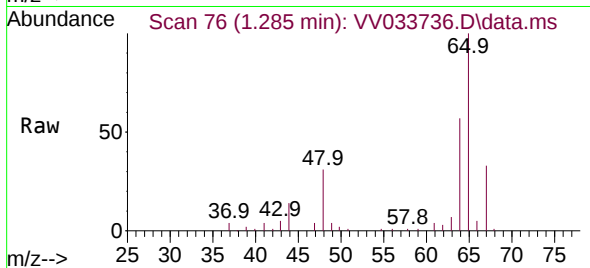




#5
 Vinyl chloride
 Concen: 0.076 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033736.D
 Acq: 18 Jan 2024 13:19

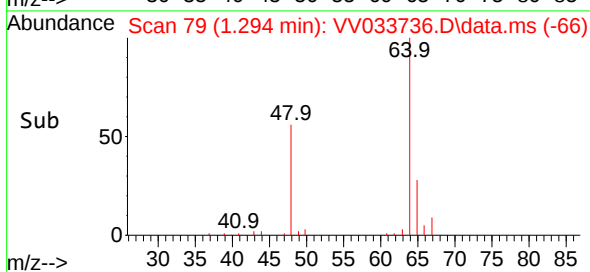
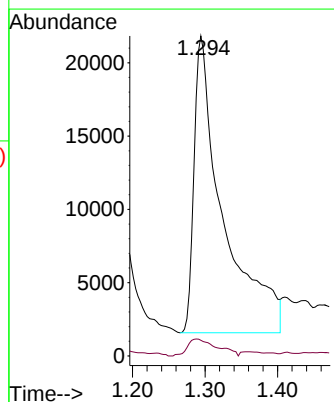
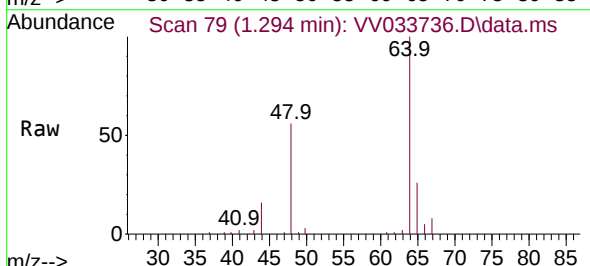
Instrument :
 MSVOA_V
 ClientSampleId :

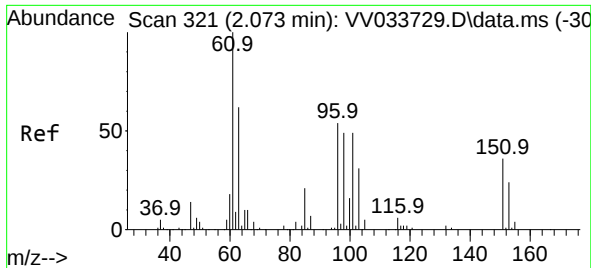
Tgt Ion: 62 Resp: 702
 Ion Ratio Lower Upper
 62 100
 64 1775.2 23.0 42.8#



#8
 Chloroethane
 Concen: 10.004 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.257 min
 Lab File: VV033736.D
 Acq: 18 Jan 2024 13:19

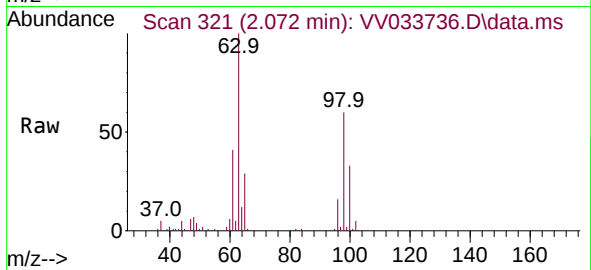
Tgt Ion: 64 Resp: 55945
 Ion Ratio Lower Upper
 64 100
 66 4.9 22.6 42.0#



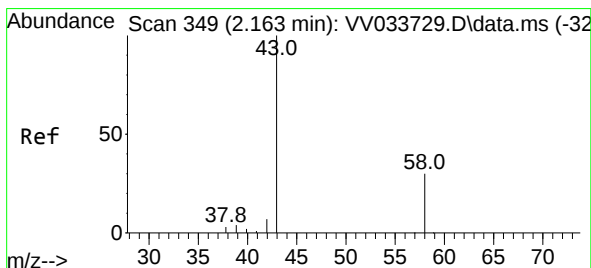
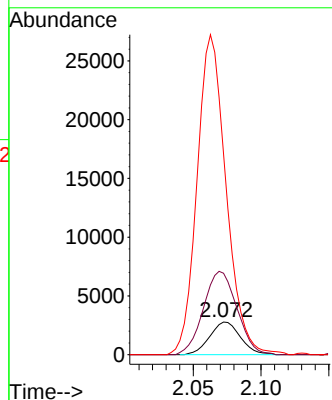
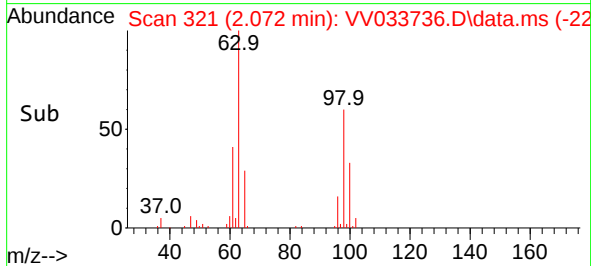


#12
1,1-Dichloroethene
Concen: 0.705 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

Instrument :
MSVOA_V
ClientSampleId :

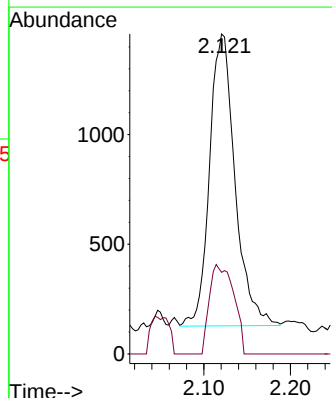
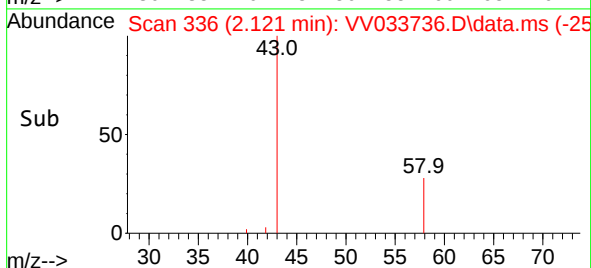
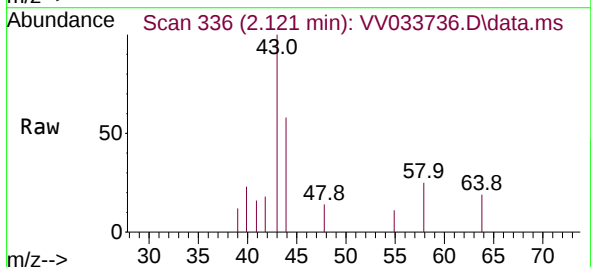


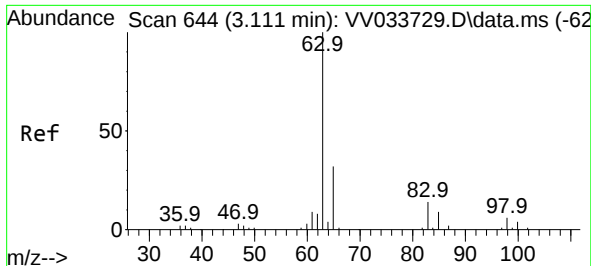
Tgt Ion: 96 Resp: 4396
Ion Ratio Lower Upper
96 100
61 249.4 133.8 248.4#
63 614.8 77.2 143.4#



#13
Acetone
Concen: 2.835 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.042 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
58 29.0 0.0 51.0





#19

1,1-Dichloroethane

Concen: 1.485 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033736.D

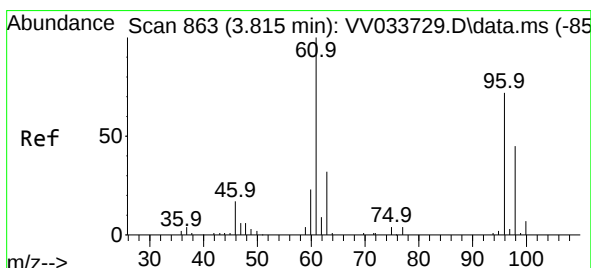
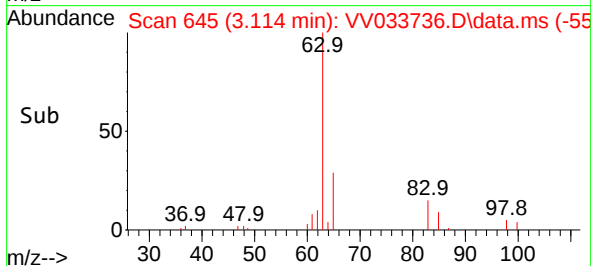
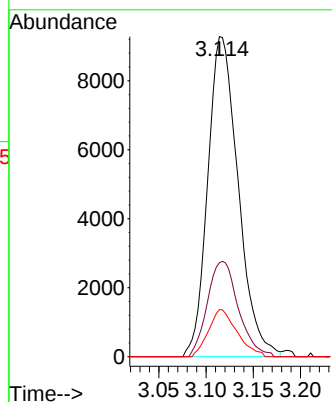
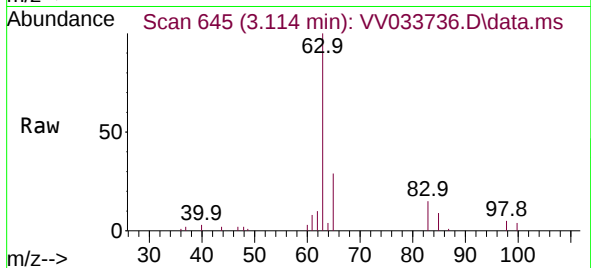
Acq: 18 Jan 2024 13:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 20796
Ion Ratio	Lower Upper
63 100	
65 29.4	21.6 40.2
83 14.7	9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.707 ug/L

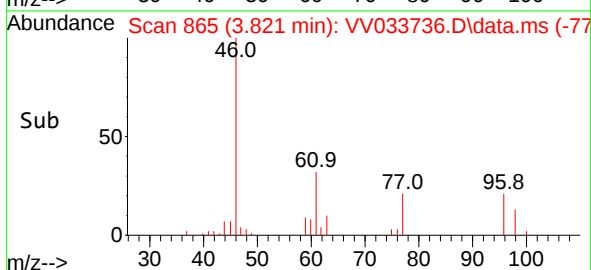
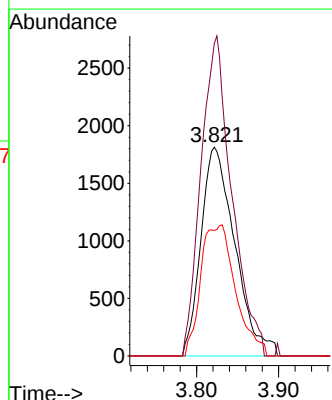
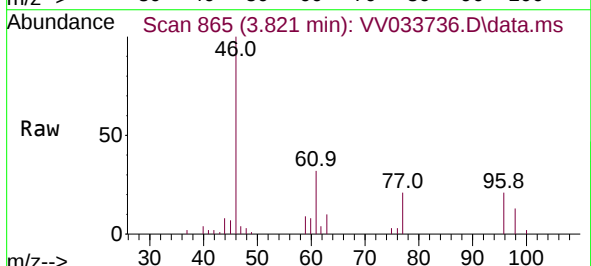
RT: 3.821 min Scan# 865

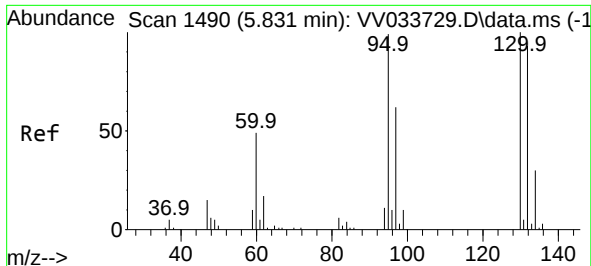
Delta R.T. 0.006 min

Lab File: VV033736.D

Acq: 18 Jan 2024 13:19

Tgt Ion: 96	Resp: 5218
Ion Ratio	Lower Upper
96 100	
61 149.5	97.1 180.3
98 60.1	42.6 79.0

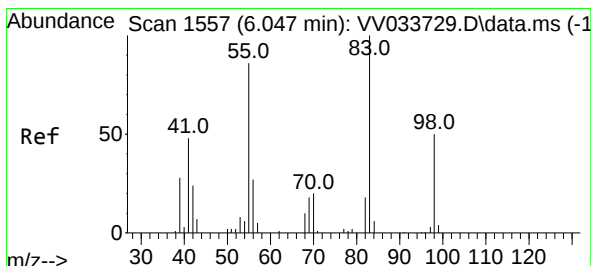
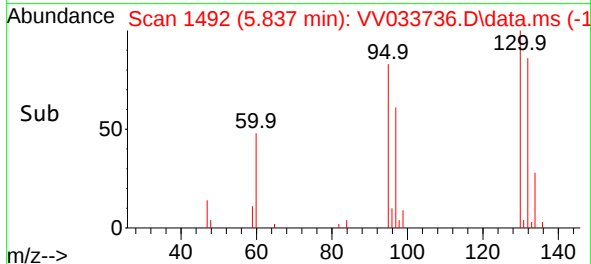
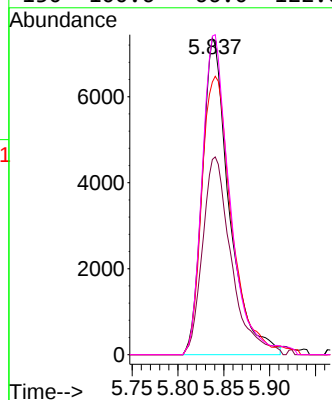
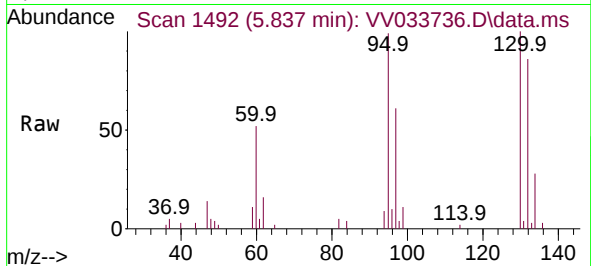




#34
Trichloroethene
Concen: 1.867 ug/L
RT: 5.837 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

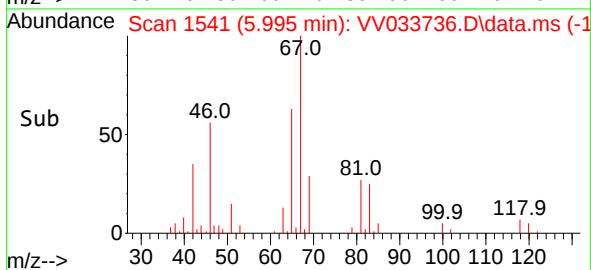
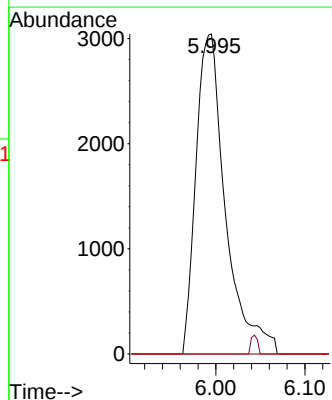
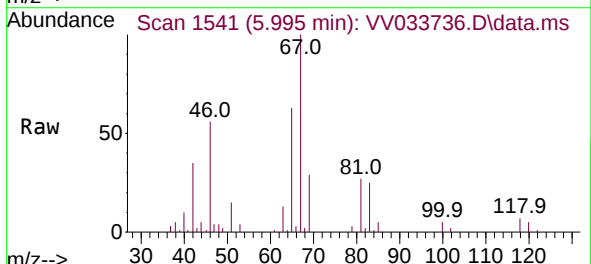
Instrument :
MSVOA_V
ClientSampleId :

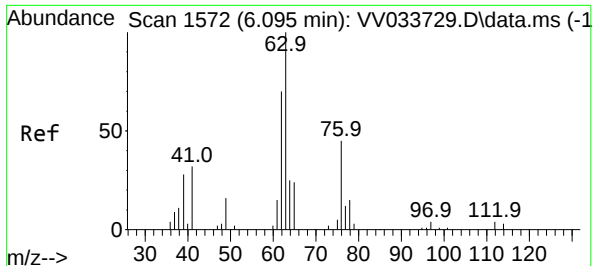
Tgt Ion:	95	Resp:	15026
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.1	83.9
132	86.1	65.2	121.2
130	100.6	66.0	122.6



#35
Methylcyclohexane
Concen: 0.514 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.052 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

Tgt Ion:	83	Resp:	6997
Ion	Ratio	Lower	Upper
83	100		
55	1.3	68.7	103.1#
98	13.4	38.3	57.5#

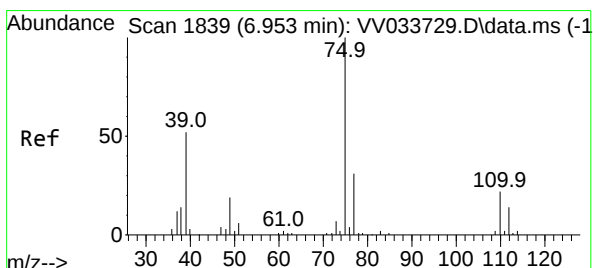
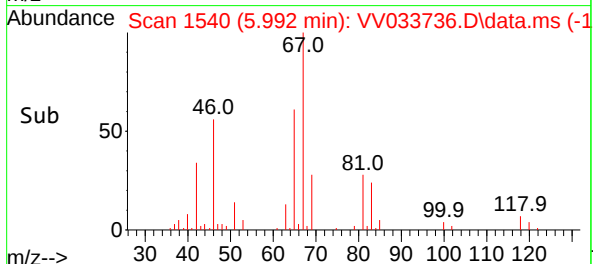
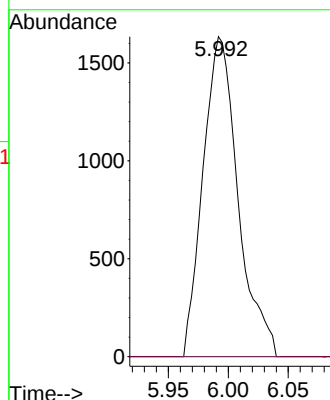
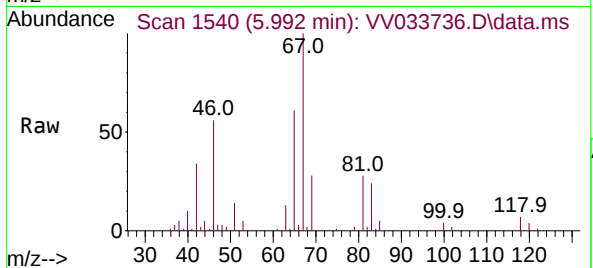




#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

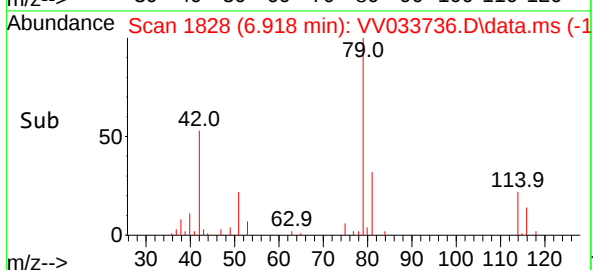
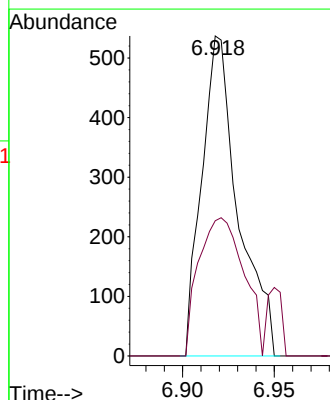
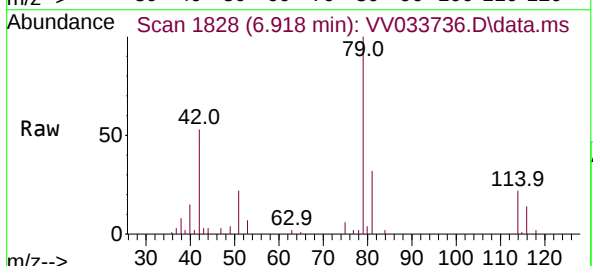
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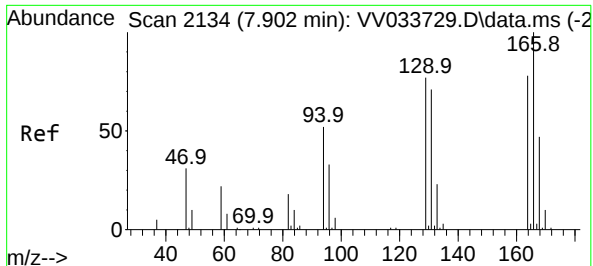
Tgt Ion: 63 Resp: 3321
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.036 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

Tgt Ion: 75 Resp: 741
Ion Ratio Lower Upper
75 100
77 42.3 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.342 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV033736.D

Acq: 18 Jan 2024 13:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 1980

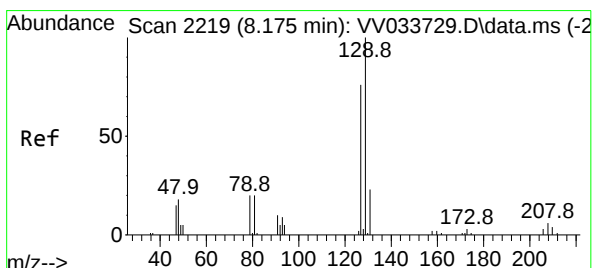
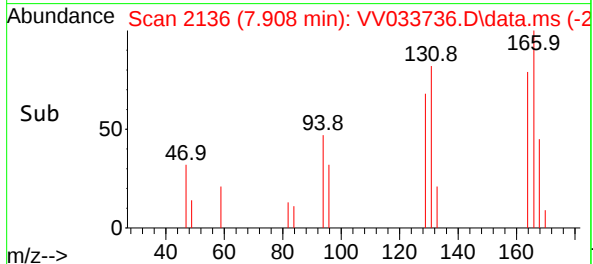
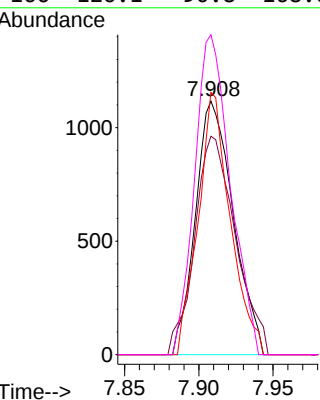
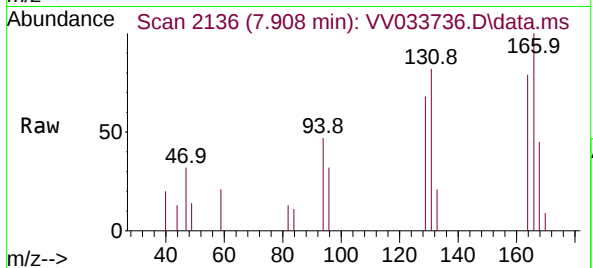
Ion Ratio Lower Upper

164 100

129 86.1 67.1 124.7

131 103.4 65.0 120.6

166 126.1 90.8 168.6



#49

Dibromochloromethane

Concen: 0.350 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033736.D

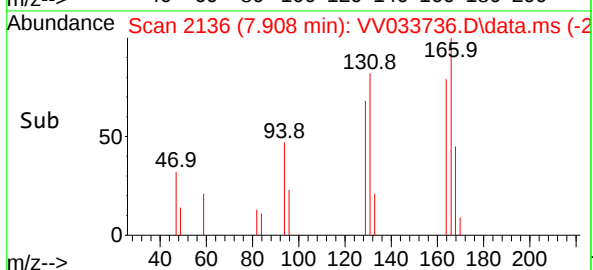
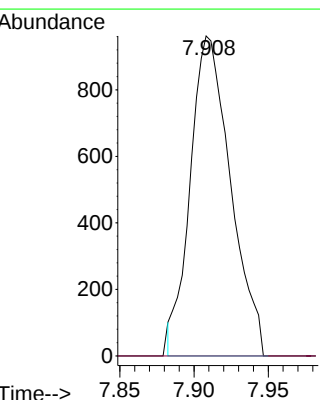
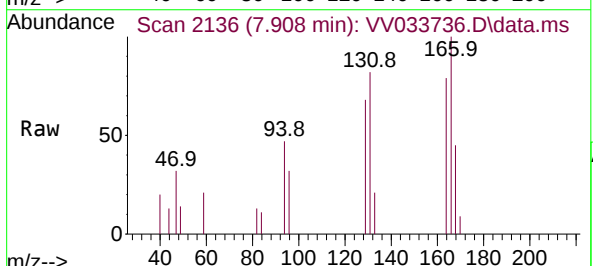
Acq: 18 Jan 2024 13:19

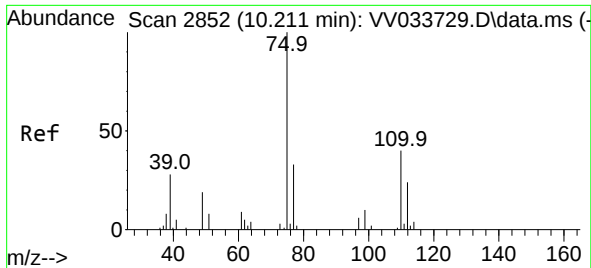
Tgt Ion:129 Resp: 1817

Ion Ratio Lower Upper

129 100

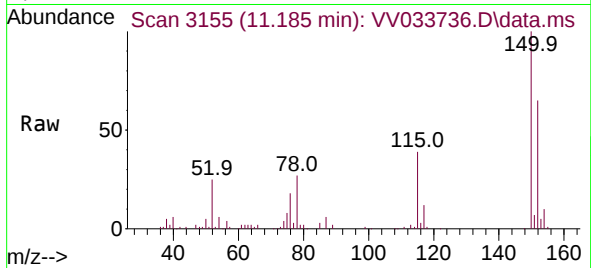
127 0.0 53.6 99.6#





#61
1,2,3-Trichloropropane
Concen: 1.527 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV033736.D
Acq: 18 Jan 2024 13:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5608
Ion Ratio Lower Upper
75 100
77 35.8 24.7 37.1
110 0.7 28.0 42.0#

