

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037990.D
 Acq On : 08 Nov 2024 19:49
 Operator : SY/MD
 Sample : P4749-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 02:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 02:20:30 2024
 Response via : Initial Calibration

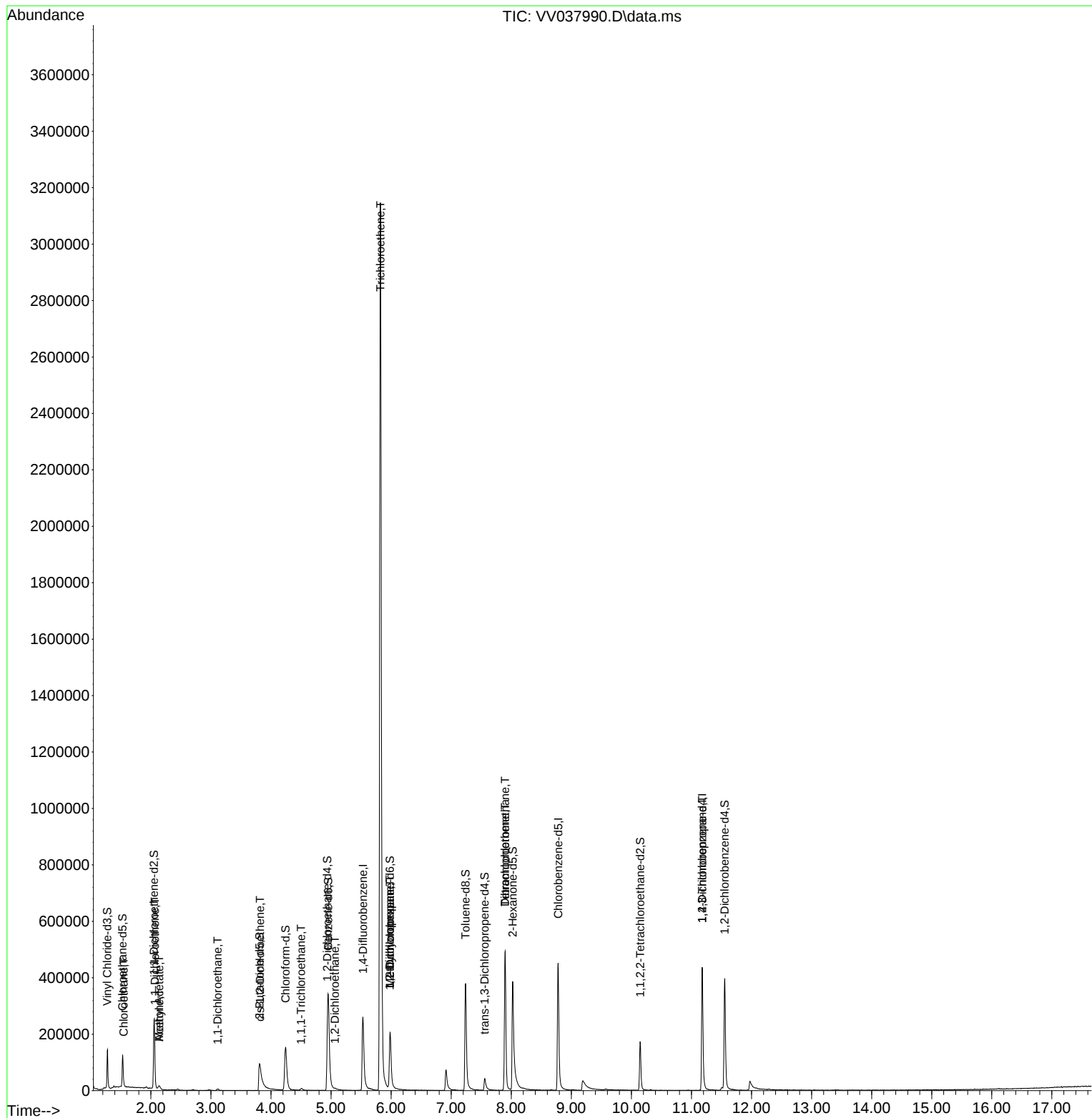
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	250654	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	272321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	124463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	88770	4.627	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.529	69	74851	4.787	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.053	65	38317	4.602	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.809	46	168351	47.080	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.160%	
24) Chloroform-d	4.243	84	176341	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	4.937	65	84371	5.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	4.953	84	330074	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	5.982	67	108047	5.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.239	98	283610	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	7.558	79	33920	4.277	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.024	63	160585	52.109	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.220%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88443	5.349	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.554	152	112663	5.488	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.548	64	5518	0.396	ug/L #	76
12) 1,1-Dichloroethene	2.066	96	7429	0.434	ug/L #	1
13) Acetone	2.140	43	21168	8.339	ug/L	79
15) Methyl Acetate	2.140	43	20021	3.332	ug/L #	48
19) 1,1-Dichloroethane	3.111	63	6339	0.189	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	9174	0.471	ug/L	93
27) 1,2-Dichloroethane	5.066	62	3409	0.174	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	5291	0.163	ug/L #	87
34) Trichloroethene	5.821	95	1144354	55.224	ug/L	96
35) Methylcyclohexane	5.982	83	24993	0.809	ug/L #	22
37) 1,2-Dichloropropane	5.979	63	11926	0.638	ug/L #	86
47) Tetrachloroethene	7.899	164	115230	7.154	ug/L	99
49) Dibromochloromethane	7.899	129	106491	6.580	ug/L #	12
61) 1,2,3-Trichloropropane	11.178	75	14094	1.448	ug/L #	60

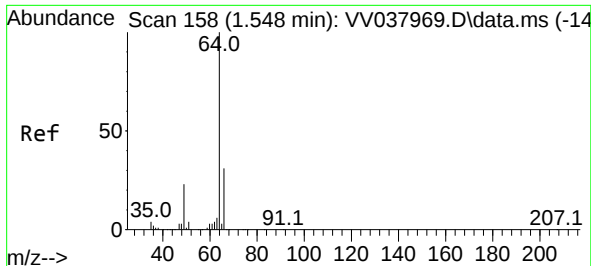
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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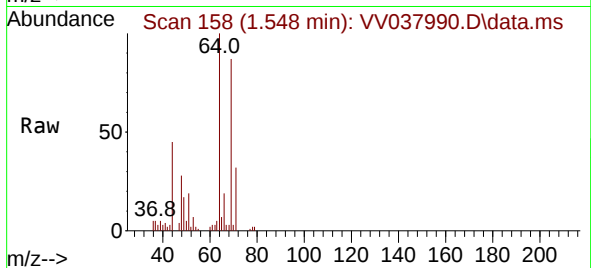
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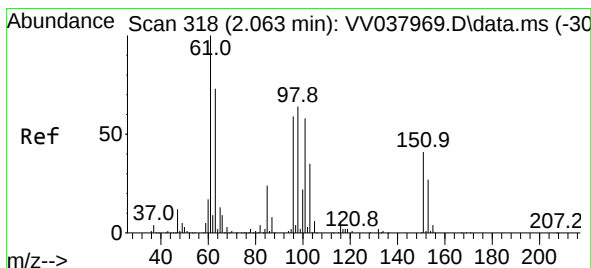
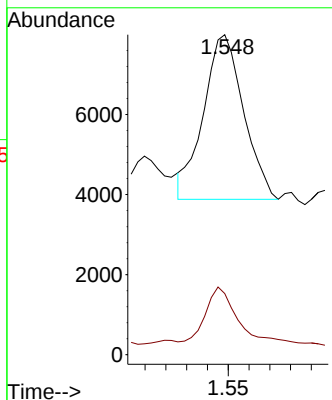
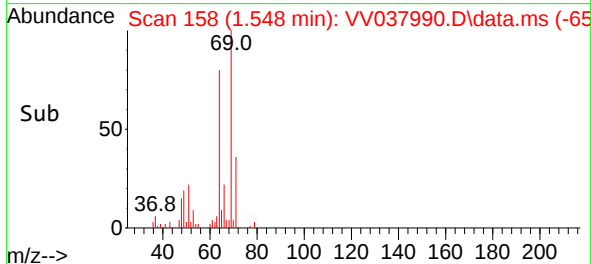


#8
Chloroethane
Concen: 0.396 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

Instrument :
MSVOA_V
ClientSampleId :

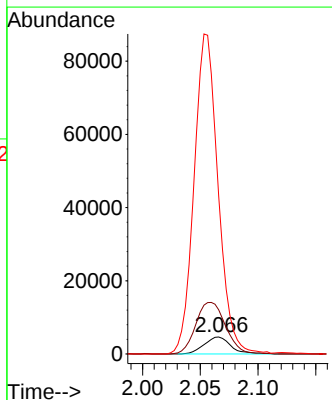
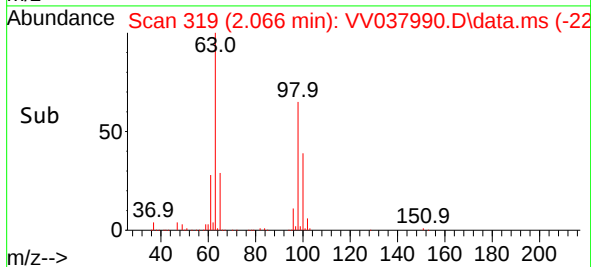
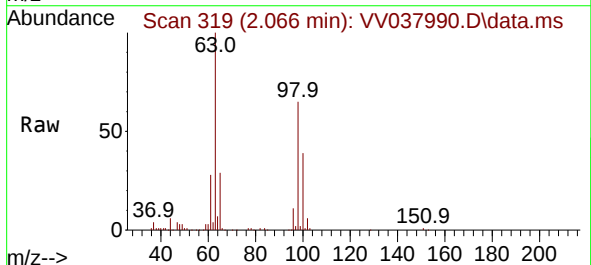


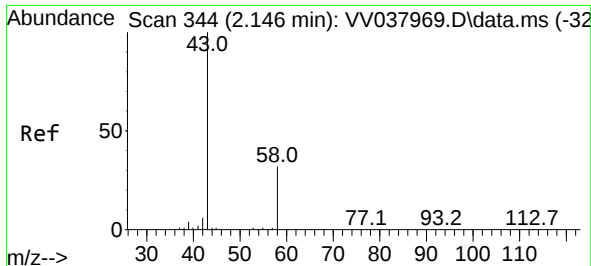
Tgt Ion: 64 Resp: 5518
Ion Ratio Lower Upper
64 100
66 19.1 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.434 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

Tgt Ion: 96 Resp: 7429
Ion Ratio Lower Upper
96 100
61 259.1 117.4 218.0#
63 927.7 91.7 170.3#





#13

Acetone

Concen: 8.339 ug/L

RT: 2.140 min Scan# 344

Delta R.T. -0.007 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Instrument :

MSVOA_V

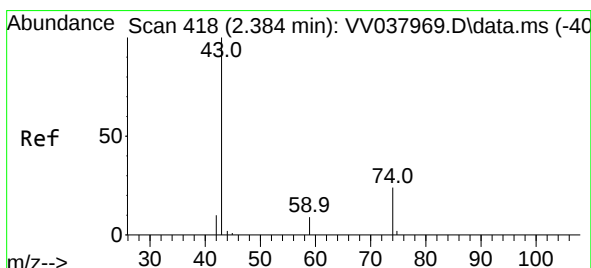
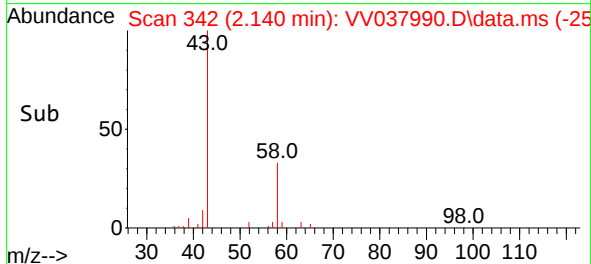
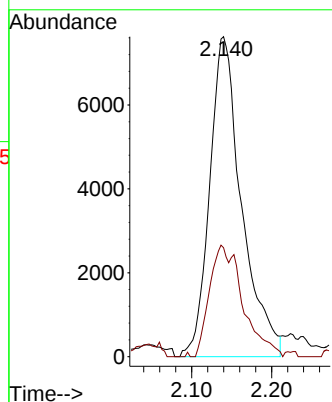
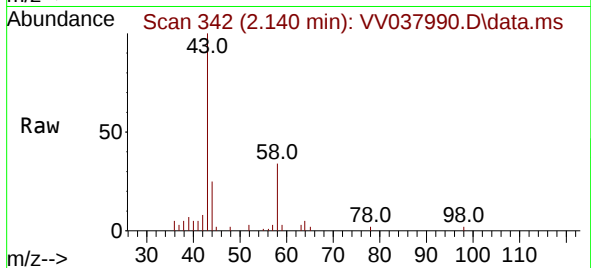
ClientSampleId :

Tgt Ion: 43 Resp: 21168

Ion Ratio Lower Upper

43 100

58 20.4 0.0 64.6



#15

Methyl Acetate

Concen: 3.332 ug/L

RT: 2.140 min Scan# 342

Delta R.T. -0.245 min

Lab File: VV037990.D

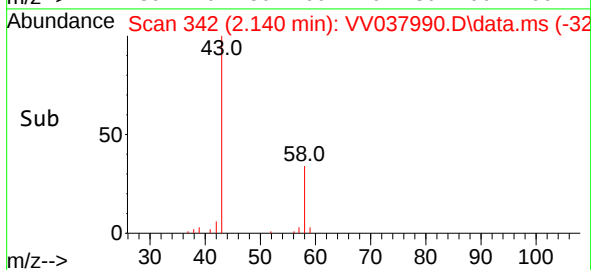
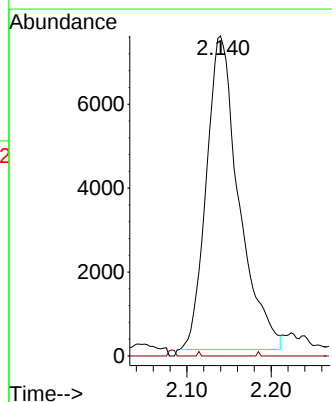
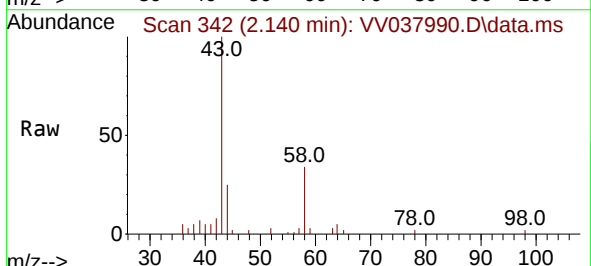
Acq: 08 Nov 2024 19:49

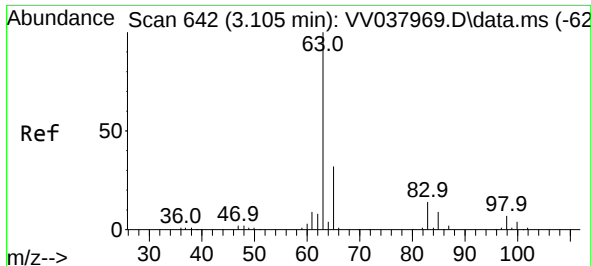
Tgt Ion: 43 Resp: 20021

Ion Ratio Lower Upper

43 100

74 0.1 21.8 32.8#





#19

1,1-Dichloroethane

Concen: 0.189 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Instrument :

MSVOA_V

ClientSampleId :

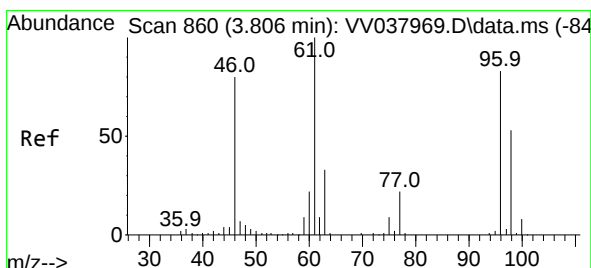
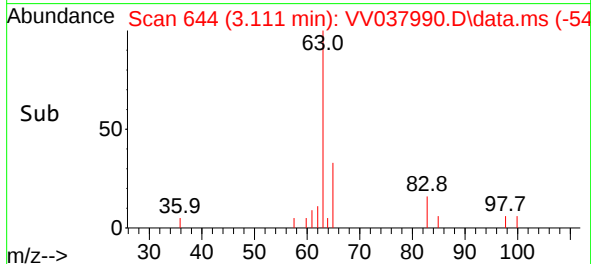
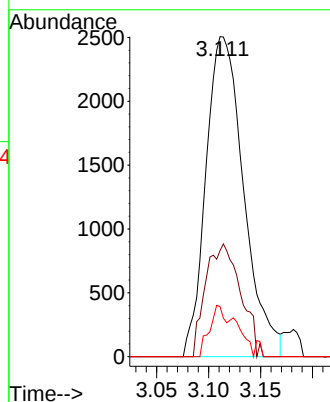
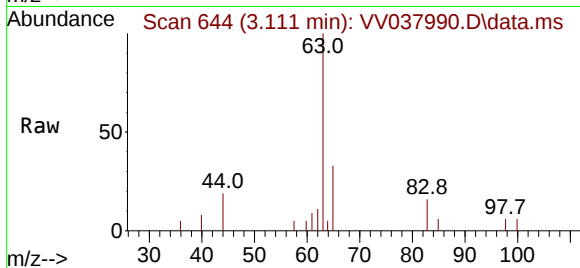
Tgt Ion: 63 Resp: 6339

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.3

83 15.6 9.5 17.7



#22

cis-1,2-Dichloroethene

Concen: 0.471 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

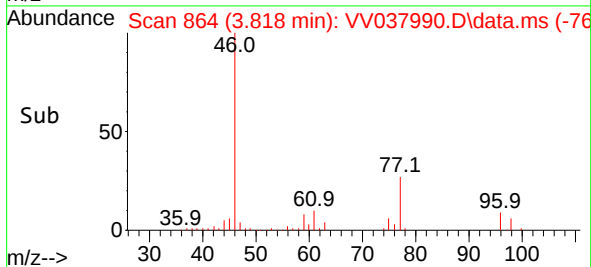
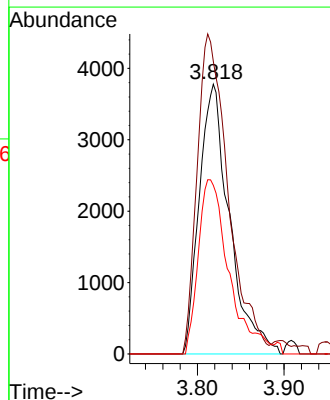
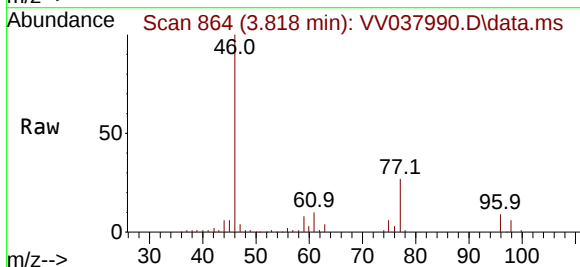
Tgt Ion: 96 Resp: 9174

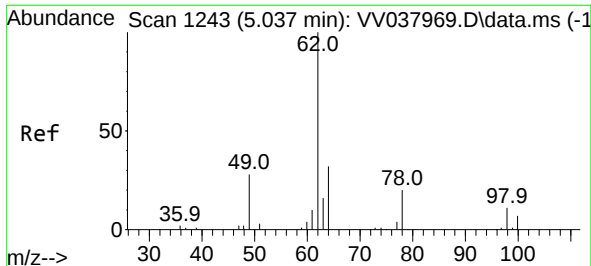
Ion Ratio Lower Upper

96 100

61 108.4 83.4 154.8

98 62.5 44.6 82.8

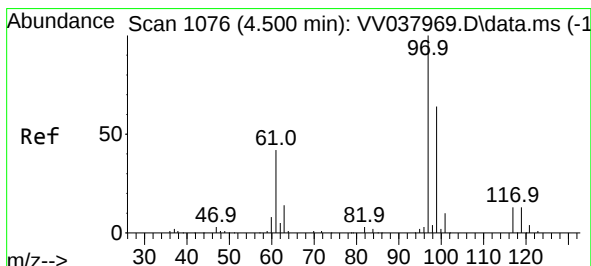
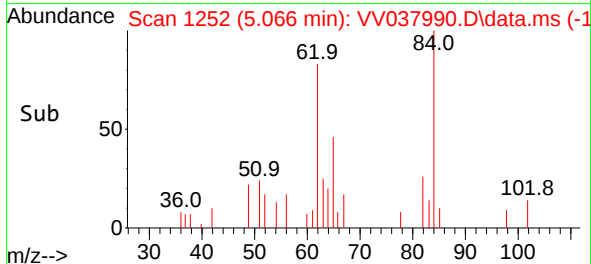
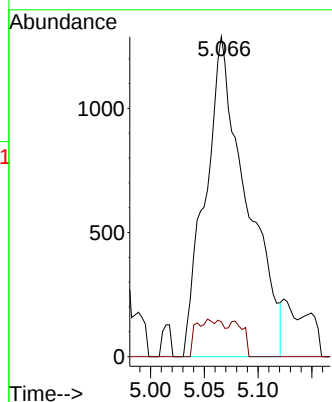
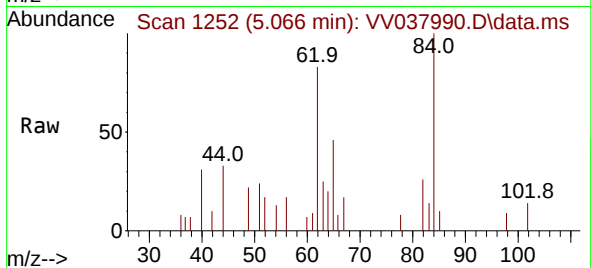




#27
1,2-Dichloroethane
Concen: 0.174 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

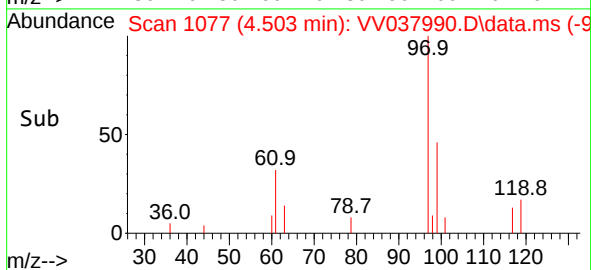
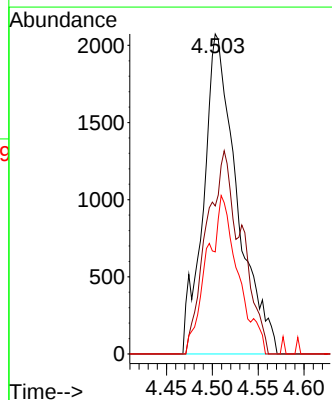
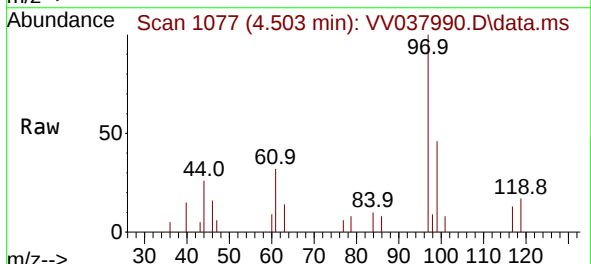
Instrument :
MSVOA_V
ClientSampleId :

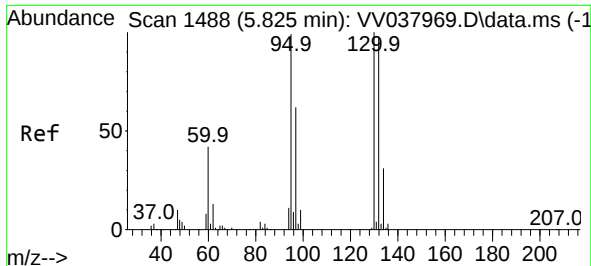
Tgt Ion: 62 Resp: 3409
Ion Ratio Lower Upper
62 100
98 10.9 8.1 12.1



#29
1,1,1-Trichloroethane
Concen: 0.163 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

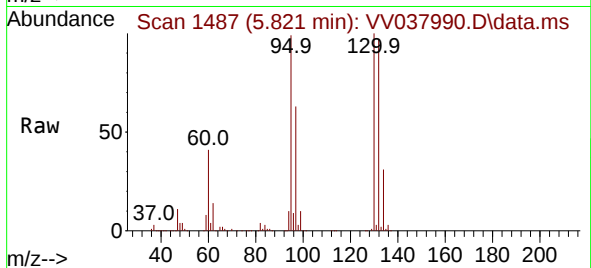
Tgt Ion: 97 Resp: 5291
Ion Ratio Lower Upper
97 100
99 51.9 52.1 78.1#
61 45.7 33.3 49.9





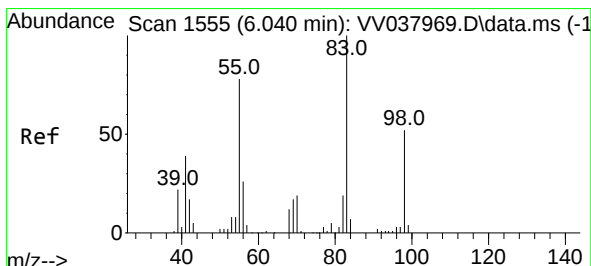
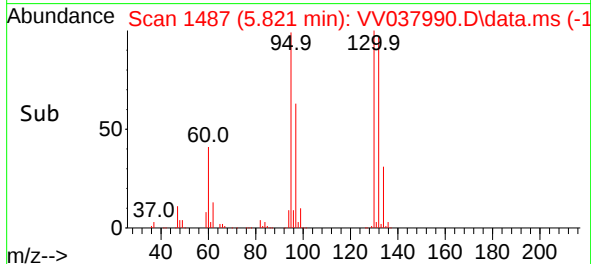
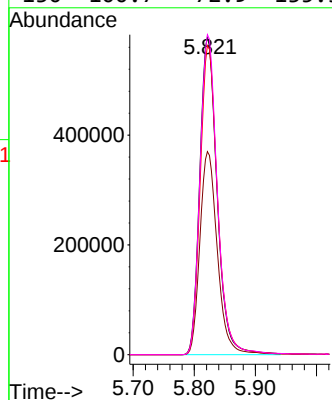
#34
Trichloroethene
Concen: 55.224 ug/L
RT: 5.821 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 1144354

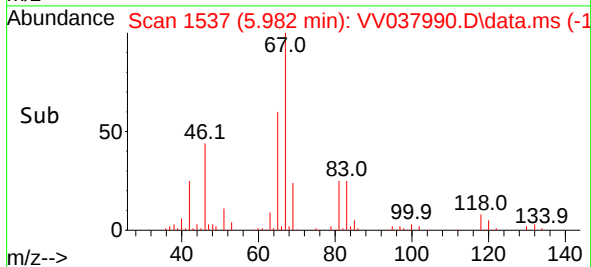
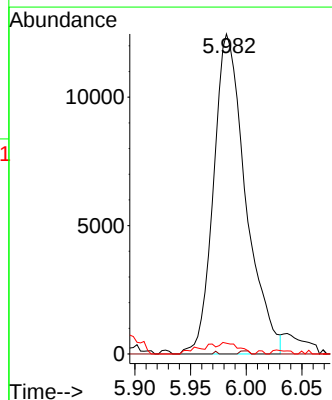
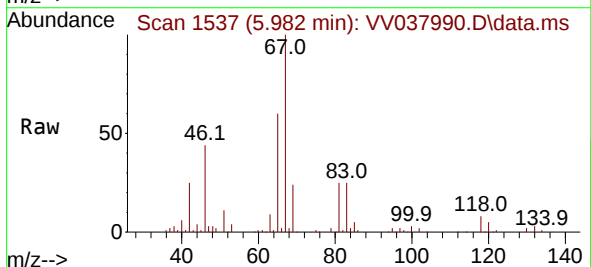
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.9	87.1
132	97.2	70.5	130.9
130	100.7	72.9	135.3

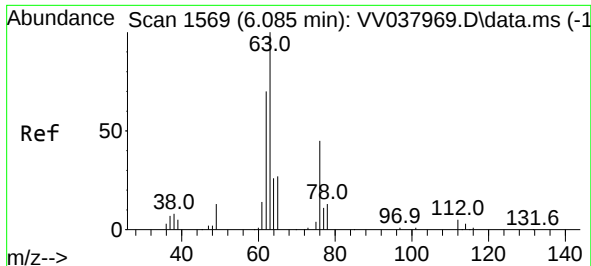


#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV037990.D
Acq: 08 Nov 2024 19:49

Tgt Ion: 83 Resp: 24993

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.3	88.9#
98	4.5	38.3	57.5#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 5.979 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Instrument :

MSVOA_V

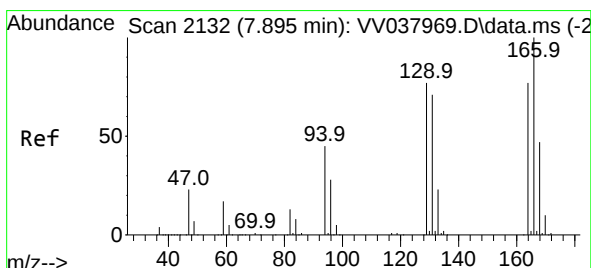
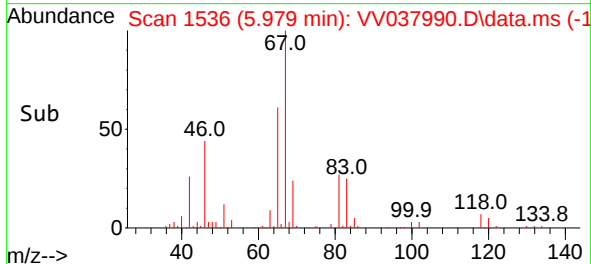
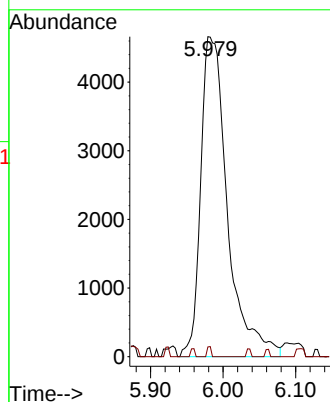
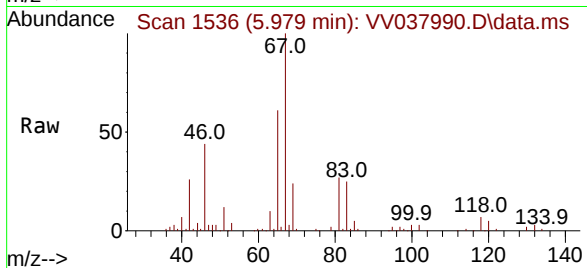
ClientSampleId :

Tgt Ion: 63 Resp: 11926

Ion Ratio Lower Upper

63 100

112 0.5 4.1 6.1#



#47

Tetrachloroethene

Concen: 7.154 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Tgt Ion:164 Resp: 115230

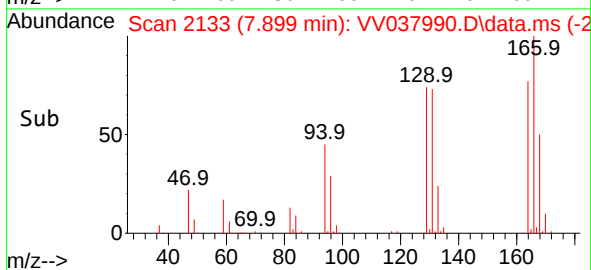
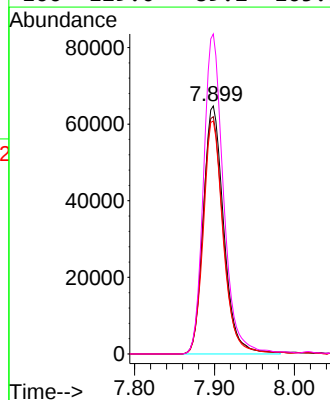
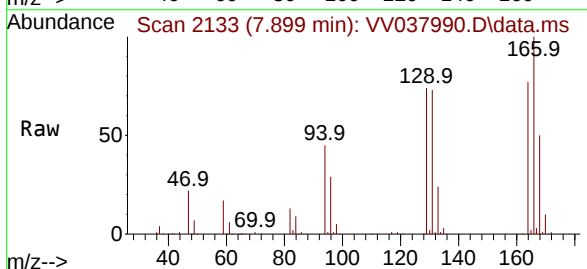
Ion Ratio Lower Upper

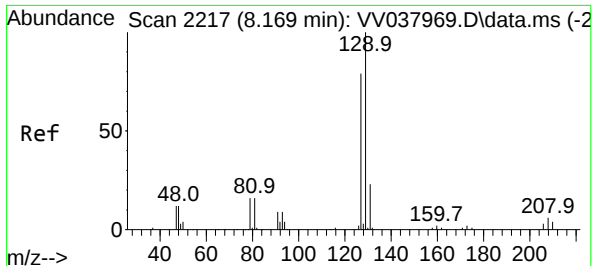
164 100

129 95.7 66.8 124.2

131 93.9 65.2 121.2

166 129.0 89.2 165.8





#49

Dibromochloromethane

Concen: 6.580 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Instrument :

MSVOA_V

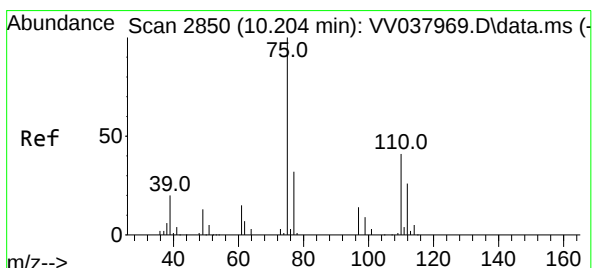
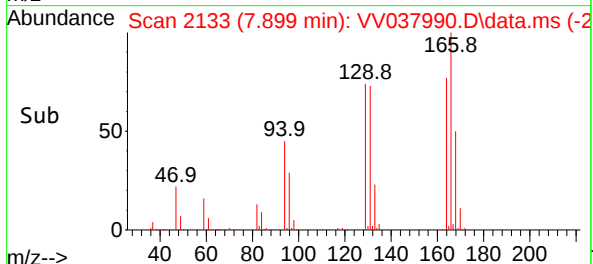
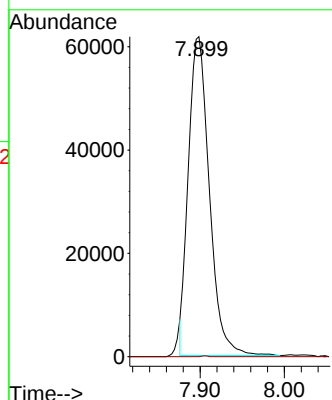
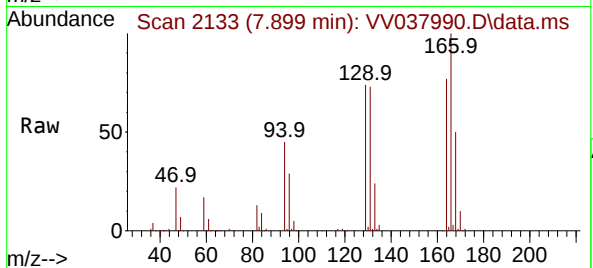
ClientSampleId :

Tgt Ion:129 Resp: 106491

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.448 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV037990.D

Acq: 08 Nov 2024 19:49

Tgt Ion: 75 Resp: 14094

Ion Ratio Lower Upper

75 100

77 36.9 24.9 37.3

110 2.5 33.5 50.3#

