

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034330.D
 Acq On : 21 Feb 2024 19:36
 Operator : SY/MD
 Sample : P1498-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

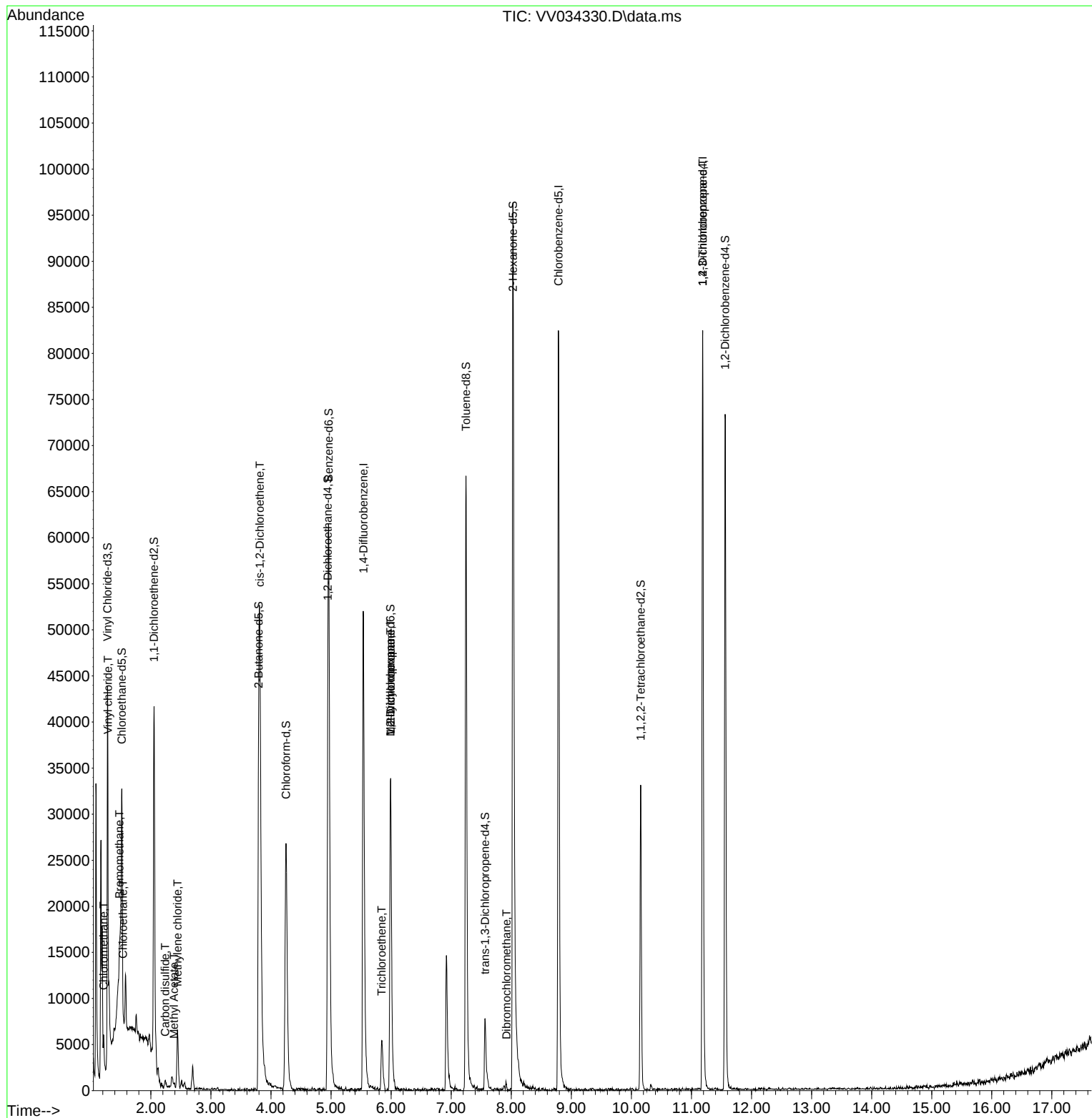
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	46695	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	44092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	22021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	11299	3.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.516	69	9587	3.027	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	60.600%#	
11) 1,1-Dichloroethene-d2	2.053	65	6138	3.519	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	3.793	46	43813	72.136	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.280%#	
24) Chloroform-d	4.249	84	29485	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	4.947	65	17519	5.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	4.960	84	52877	3.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	5.989	67	15844	4.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.246	98	46958	3.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	7.564	79	5654	4.049	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.027	63	35737	71.696	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	143.400%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15271	6.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	136.200%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	19236	4.803	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2767	0.593	ug/L	90
5) Vinyl chloride	1.285	62	970	0.217	ug/L #	25
6) Bromomethane	1.478	94	391	0.166	ug/L	93
8) Chloroethane	1.536	64	740	0.243	ug/L #	57
14) Carbon disulfide	2.237	76	1252	0.119	ug/L #	74
15) Methyl Acetate	2.384	43	712	0.653	ug/L #	53
16) Methylene chloride	2.446	84	2362	0.755	ug/L	92
22) cis-1,2-Dichloroethene	3.815	96	19972	5.298	ug/L	94
34) Trichloroethene	5.844	95	2347	0.613	ug/L	95
35) Methylcyclohexane	5.989	83	4113	0.685	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	2245	0.701	ug/L #	87
49) Dibromochloromethane	7.921	129	198	0.084	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	2552	1.686	ug/L #	61

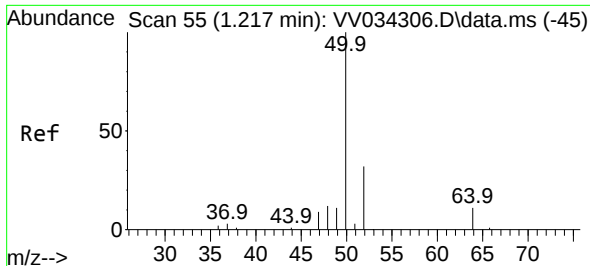
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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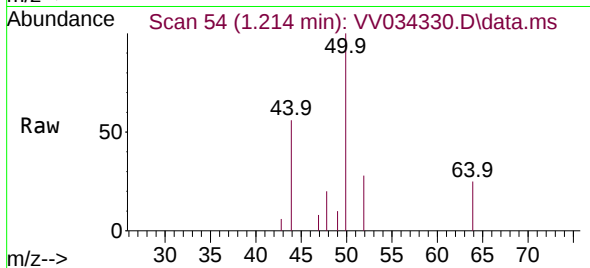
Quant Time: Feb 22 00:24:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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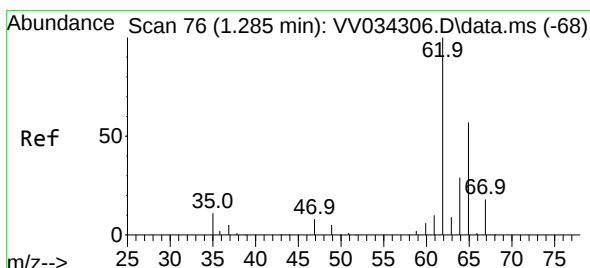
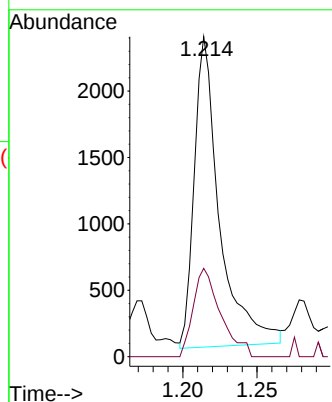
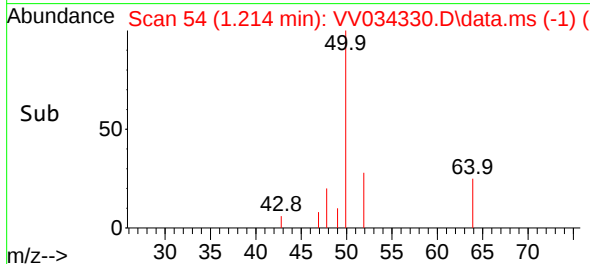


#3
Chloromethane
Concen: 0.593 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :

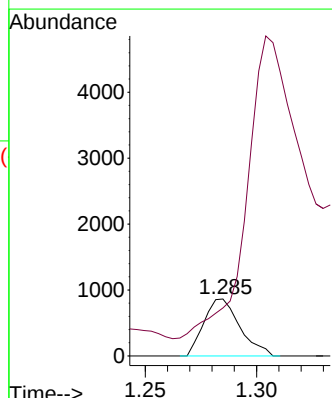
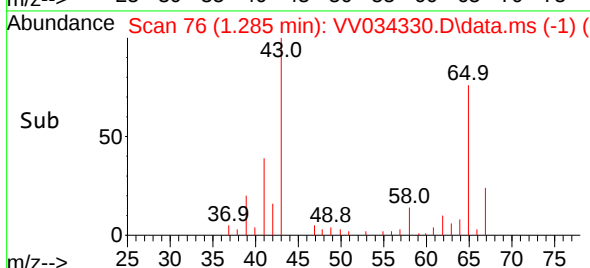
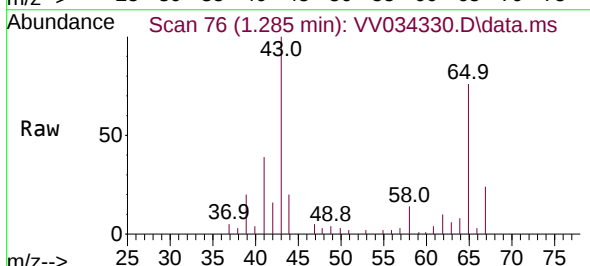


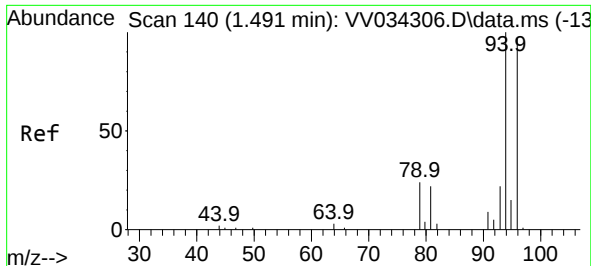
Tgt Ion: 50 Resp: 2767
Ion Ratio Lower Upper
50 100
52 27.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.217 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

Tgt Ion: 62 Resp: 970
Ion Ratio Lower Upper
62 100
64 84.4 27.2 50.4#





#6

Bromomethane

Concen: 0.166 ug/L

RT: 1.478 min Scan# 11

Delta R.T. -0.013 min

Lab File: VV034330.D

Acq: 21 Feb 2024 19:36

Instrument :

MSVOA_V

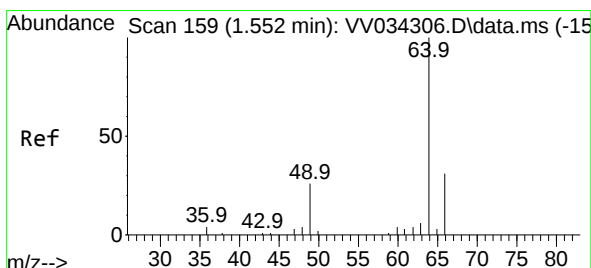
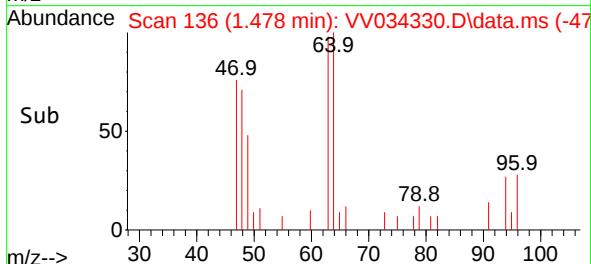
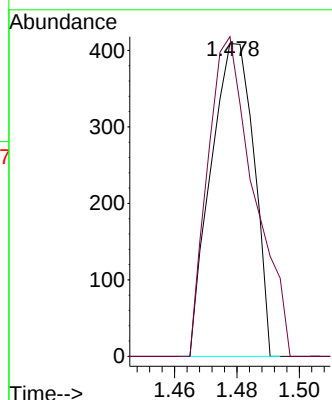
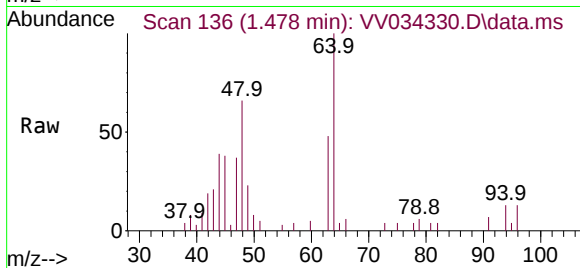
ClientSampleId :

Tgt Ion: 94 Resp: 391

Ion Ratio Lower Upper

94 100

96 102.2 66.6 123.8



#8

Chloroethane

Concen: 0.243 ug/L

RT: 1.536 min Scan# 154

Delta R.T. -0.016 min

Lab File: VV034330.D

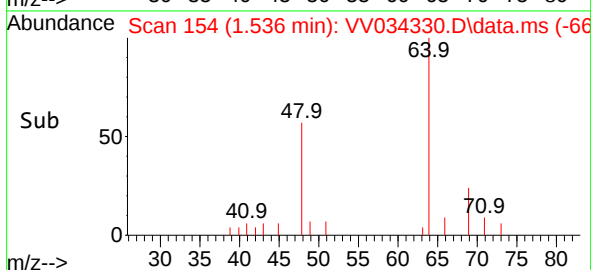
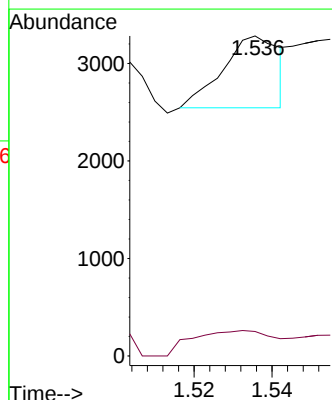
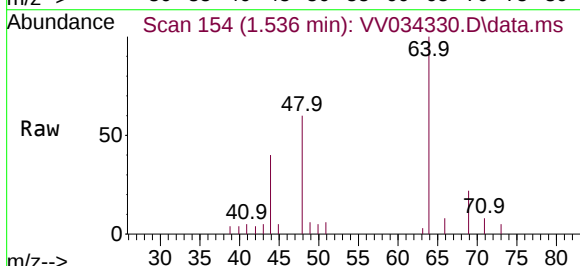
Acq: 21 Feb 2024 19:36

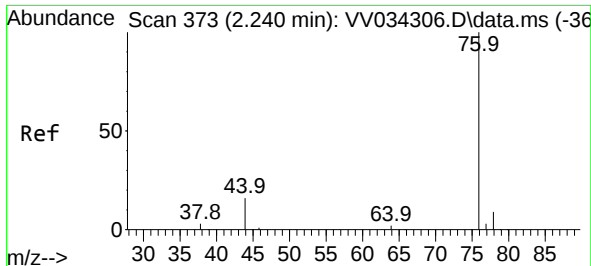
Tgt Ion: 64 Resp: 740

Ion Ratio Lower Upper

64 100

66 7.7 22.0 41.0#

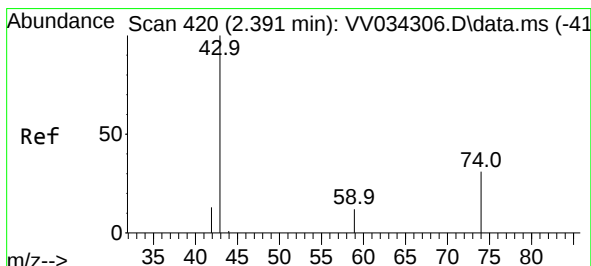
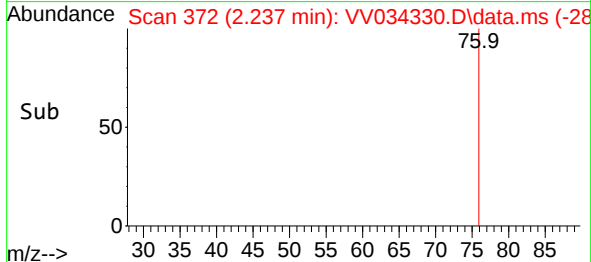
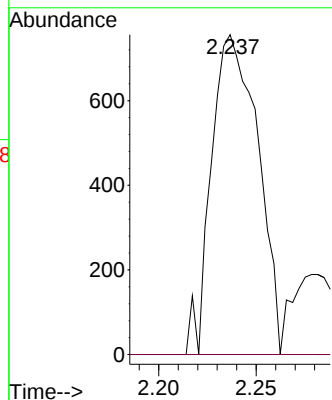
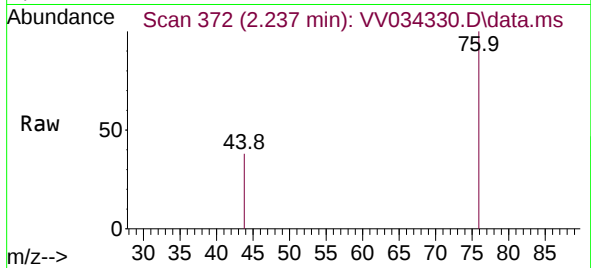




#14
Carbon disulfide
Concen: 0.119 ug/L
RT: 2.237 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

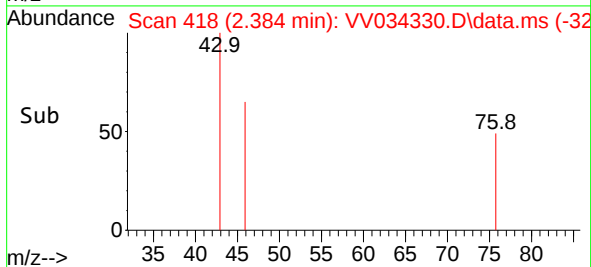
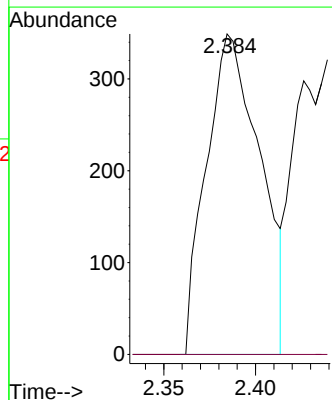
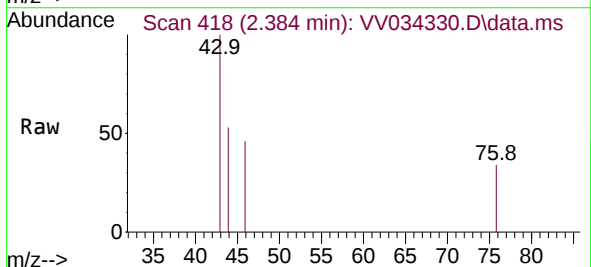
Instrument :
MSVOA_V
ClientSampleId :

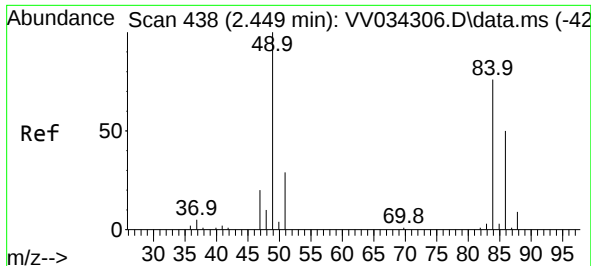
Tgt Ion: 76 Resp: 1252
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#15
Methyl Acetate
Concen: 0.653 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

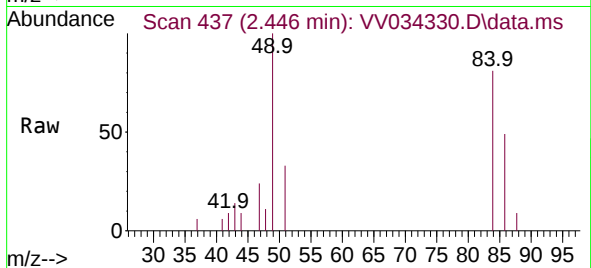
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#





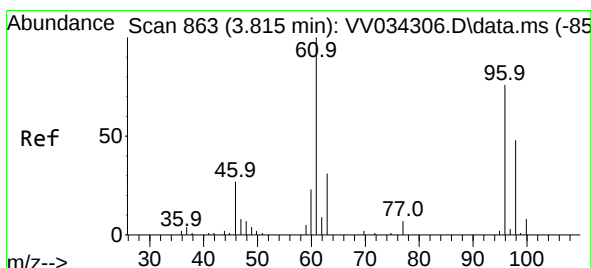
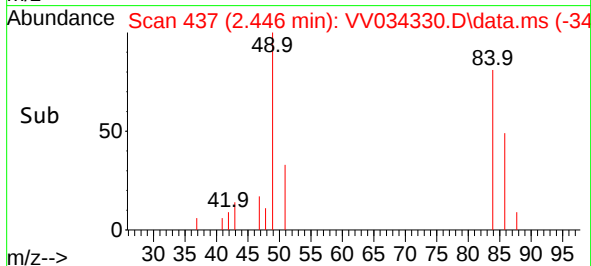
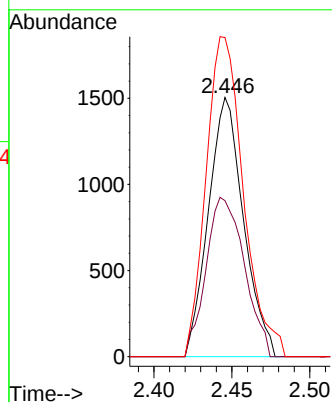
#16
Methylene chloride
Concen: 0.755 ug/L
RT: 2.446 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2362

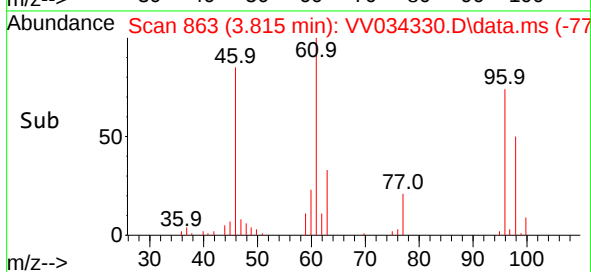
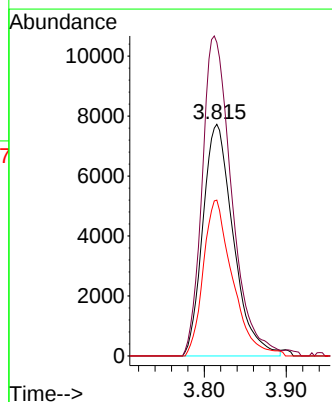
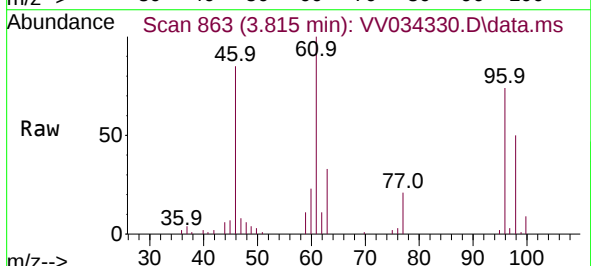
Ion	Ratio	Lower	Upper
84	100		
86	60.2	44.7	83.1
49	123.1	93.7	173.9

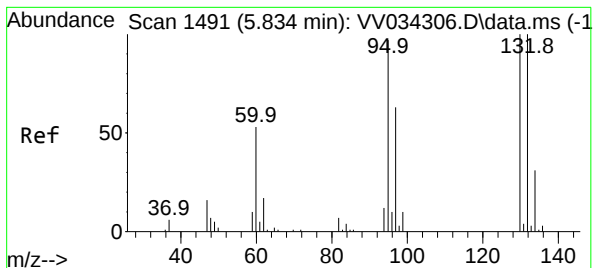


#22
cis-1,2-Dichloroethene
Concen: 5.298 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV034330.D
Acq: 21 Feb 2024 19:36

Tgt Ion: 96 Resp: 19972

Ion	Ratio	Lower	Upper
96	100		
61	135.3	90.3	167.7
98	67.3	43.2	80.2





#34

Trichloroethene

Concen: 0.613 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV034330.D

Acq: 21 Feb 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2347

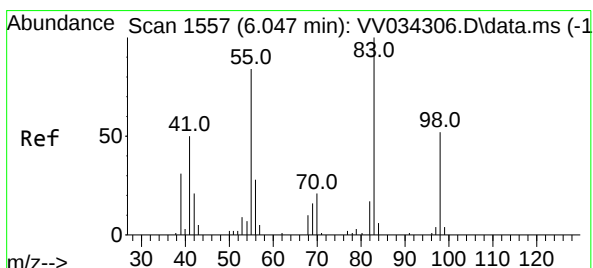
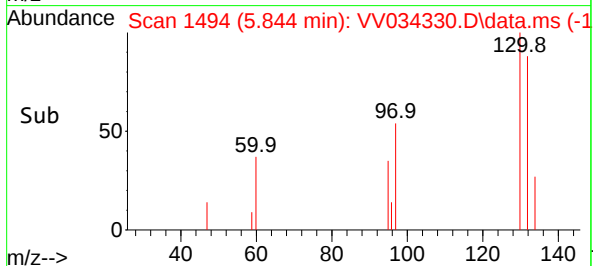
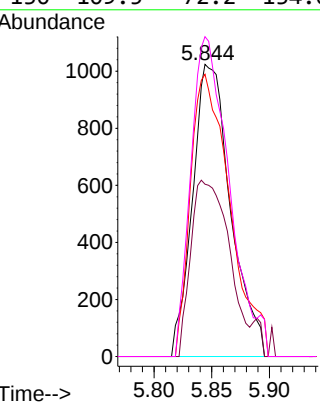
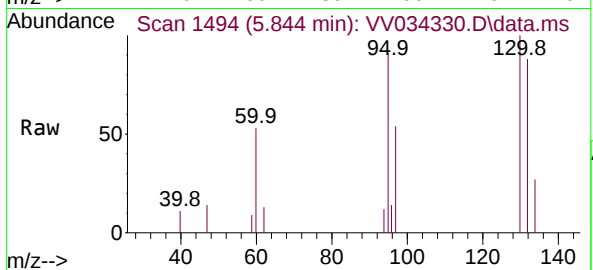
Ion Ratio Lower Upper

95 100

97 59.0 45.1 83.7

132 96.6 66.0 122.6

130 109.5 72.2 134.0



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034330.D

Acq: 21 Feb 2024 19:36

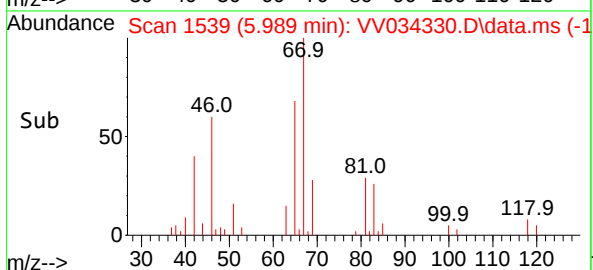
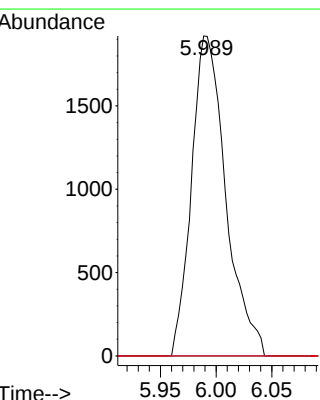
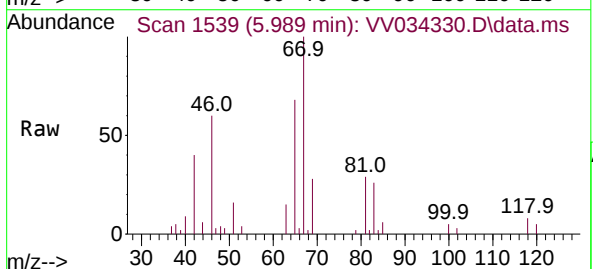
Tgt Ion: 83 Resp: 4113

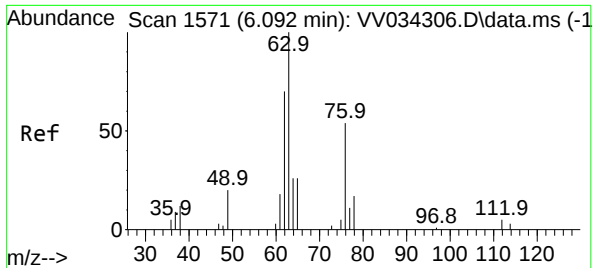
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.701 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034330.D

Acq: 21 Feb 2024 19:36

Instrument :

MSVOA_V

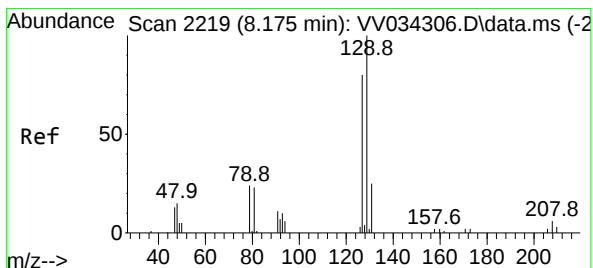
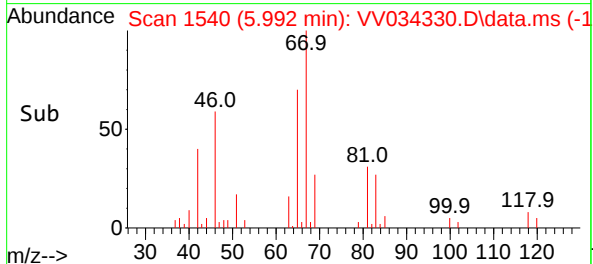
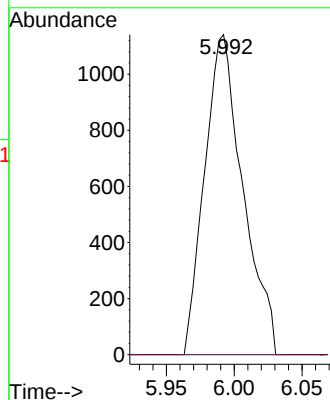
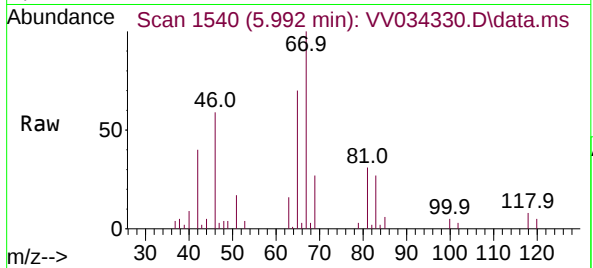
ClientSampleId :

Tgt Ion: 63 Resp: 2245

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 7.921 min Scan# 2140

Delta R.T. -0.254 min

Lab File: VV034330.D

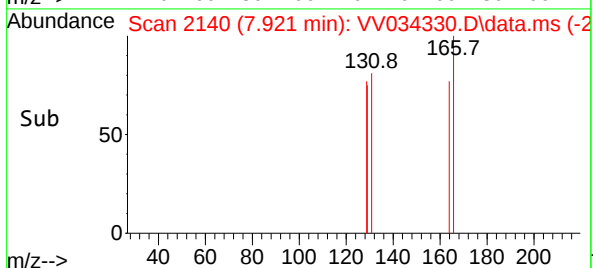
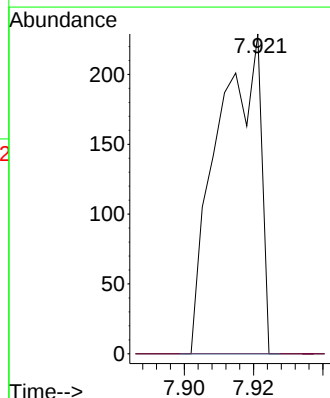
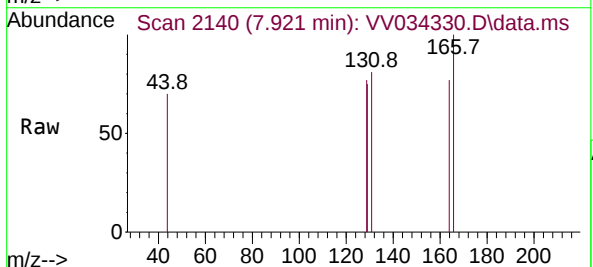
Acq: 21 Feb 2024 19:36

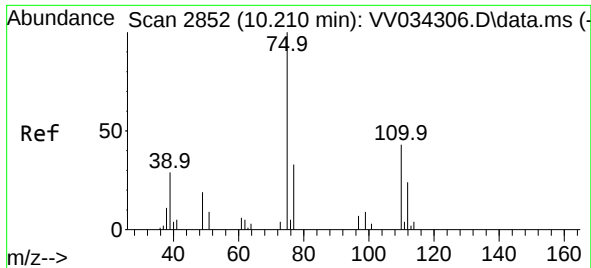
Tgt Ion: 129 Resp: 198

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.686 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.978 min

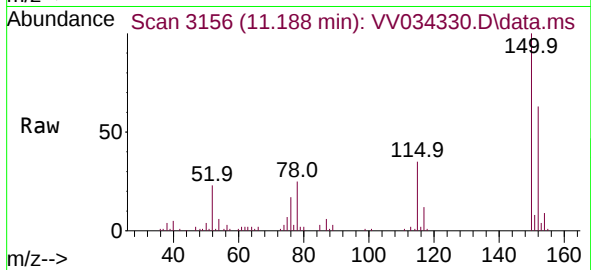
Lab File: VV034330.D

Acq: 21 Feb 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 2552

Ion Ratio Lower Upper

75 100

77 36.5 26.9 40.3

110 0.0 33.3 49.9#

