

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032004.D
 Acq On : 09 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04307-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

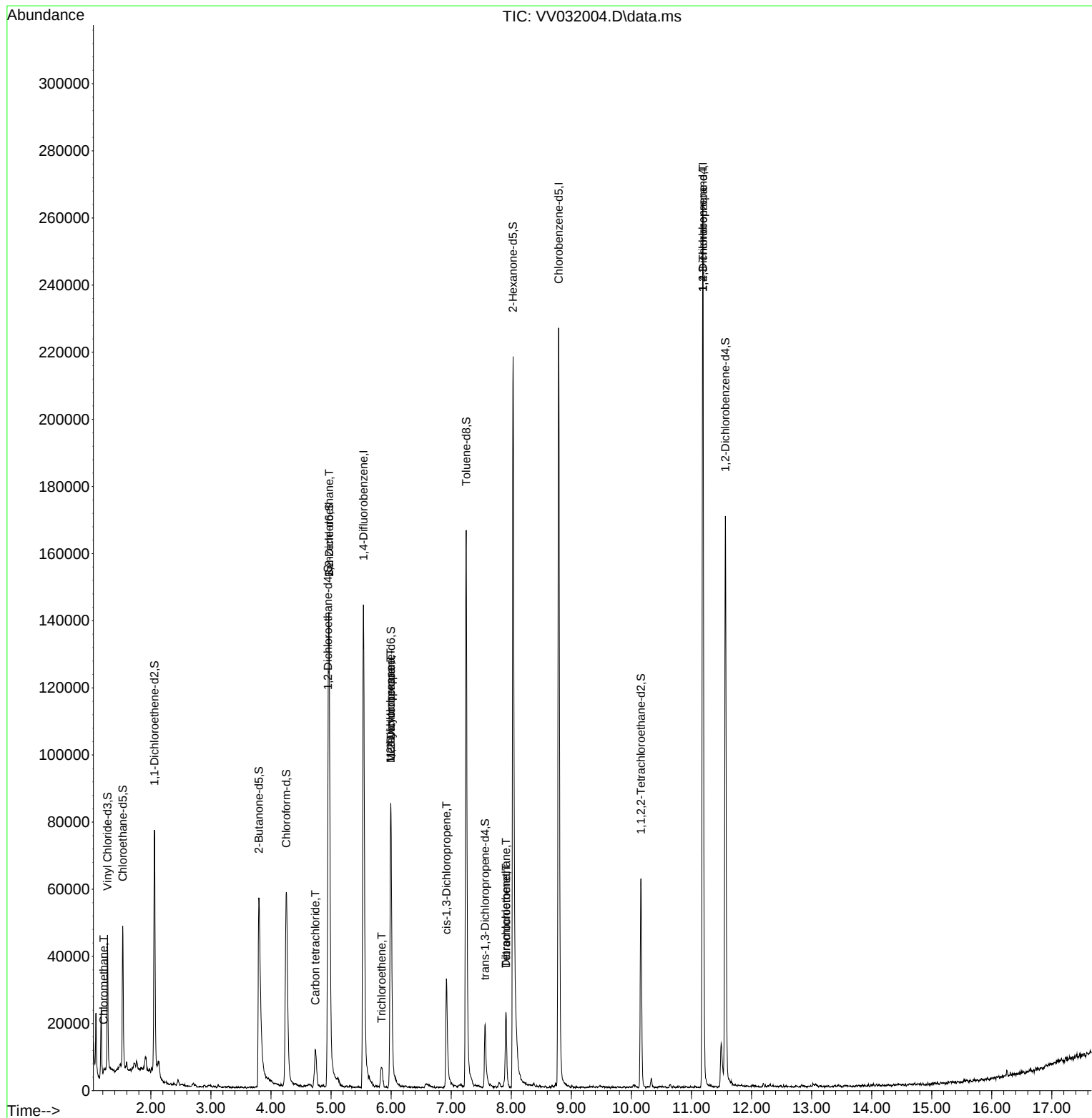
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	126200	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	123818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22101	5.185	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.532	69	26653	5.459	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.200%		
11) 1,1-Dichloroethene-d2	2.060	65	12380	4.935	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.800%		
20) 2-Butanone-d5	3.799	46	106355	51.546	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.100%		
24) Chloroform-d	4.256	84	62972	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.400%		
26) 1,2-Dichloroethane-d4	4.950	65	34258	4.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.200%		
32) Benzene-d6	4.966	84	129903	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.200%		
36) 1,2-Dichloropropane-d6	5.995	67	46112	4.641	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.800%		
41) Toluene-d8	7.249	98	112381	4.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.000%		
43) trans-1,3-Dichloroprop...	7.564	79	12320	3.400	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 68.000%		
46) 2-Hexanone-d5	8.031	63	81940	42.420	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.840%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31989	4.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	41119	3.909	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 78.200%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1026	0.133	ug/L	96
27) 1,2-Dichloroethane	4.966	62	835	0.103	ug/L #	75
31) Carbon tetrachloride	4.738	117	8114	0.839	ug/L	97
34) Trichloroethene	5.841	95	1403	0.168	ug/L #	71
35) Methylcyclohexane	5.992	83	10392	0.856	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	4813	0.612	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	953	0.080	ug/L #	32
47) Tetrachloroethene	7.912	164	5206	0.978	ug/L	95
49) Dibromochloromethane	7.912	129	5006	0.854	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	9332	1.951	ug/L #	68

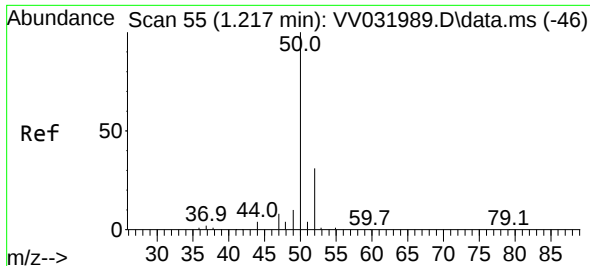
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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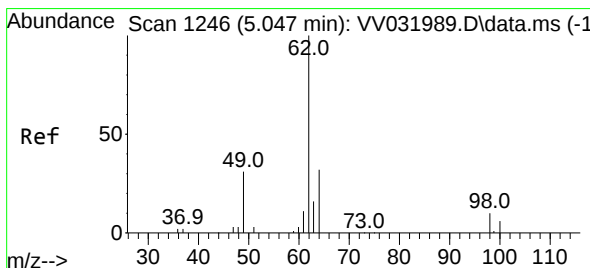
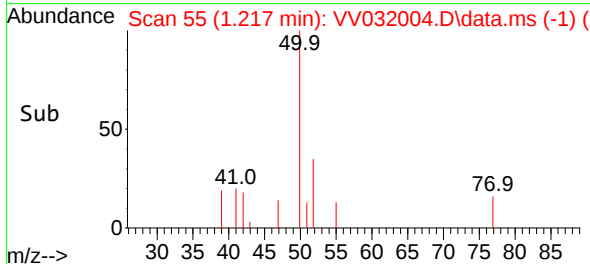
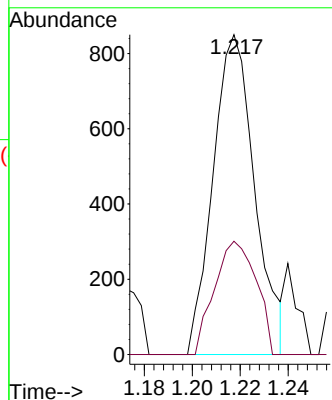
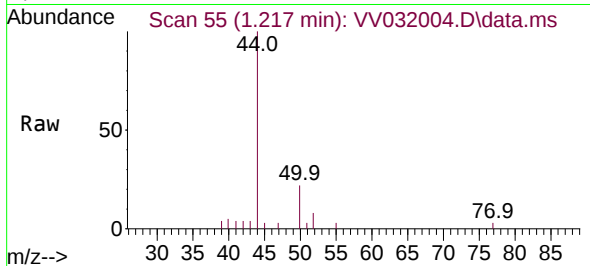




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032004.D
Acq: 09 Sep 2023 16:42

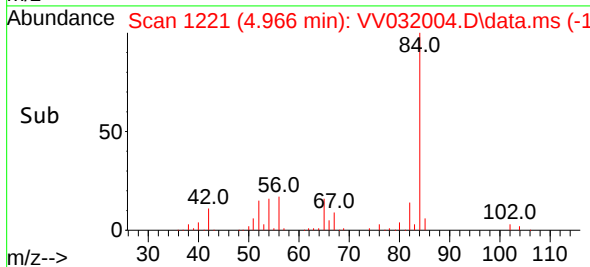
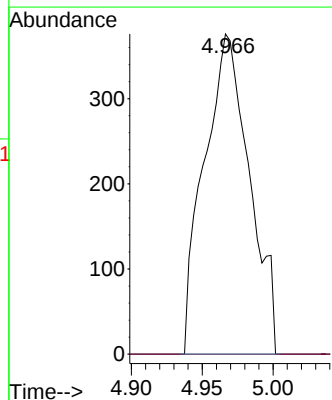
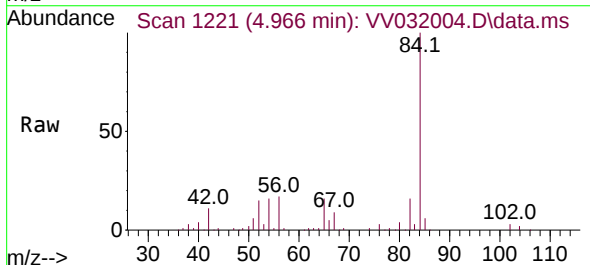
Instrument :
MSVOA_V
ClientSampleId :

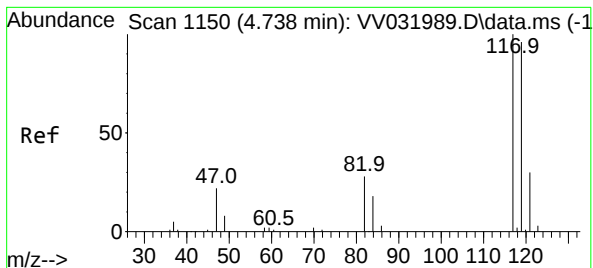
Tgt Ion: 50 Resp: 1026
Ion Ratio Lower Upper
50 100
52 35.4 23.3 43.3



#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.080 min
Lab File: VV032004.D
Acq: 09 Sep 2023 16:42

Tgt Ion: 62 Resp: 835
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#31

Carbon tetrachloride

Concen: 0.839 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Instrument :

MSVOA_V

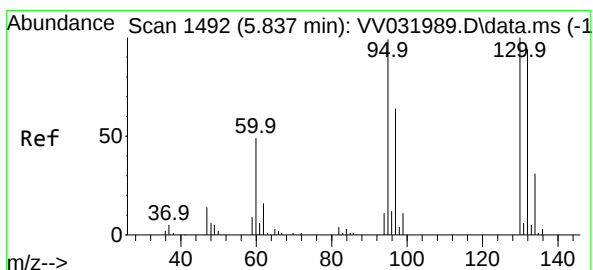
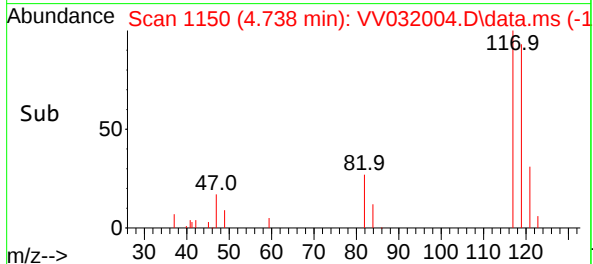
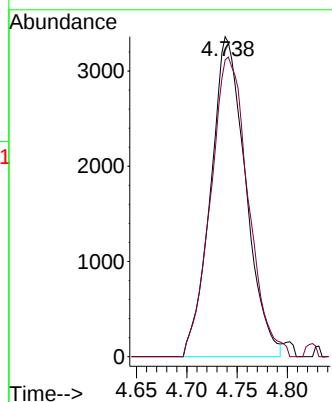
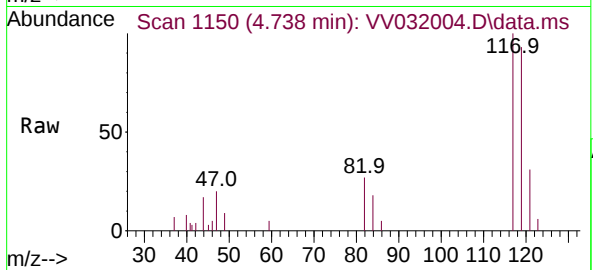
ClientSampleId :

Tgt Ion:117 Resp: 8114

Ion Ratio Lower Upper

117 100

119 100.8 78.4 117.6



#34

Trichloroethene

Concen: 0.168 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Tgt Ion: 95 Resp: 1403

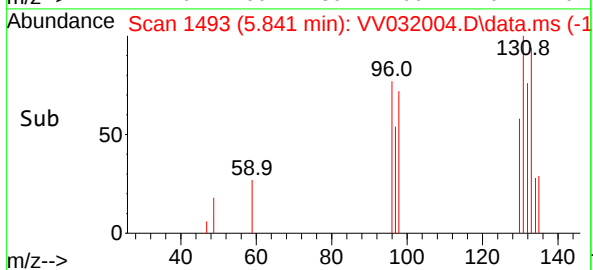
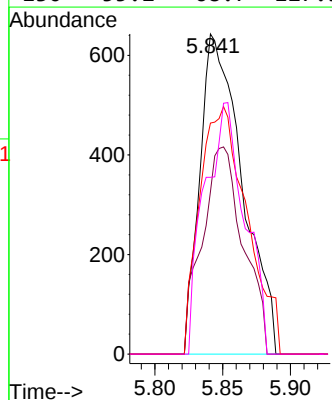
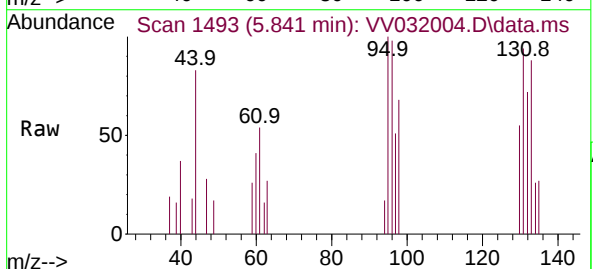
Ion Ratio Lower Upper

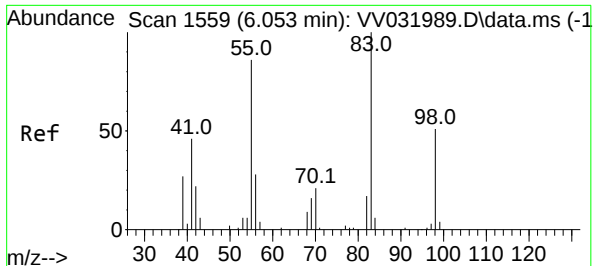
95 100

97 50.7 47.7 88.7

132 72.2 63.8 118.4

130 55.2 68.7 127.5#

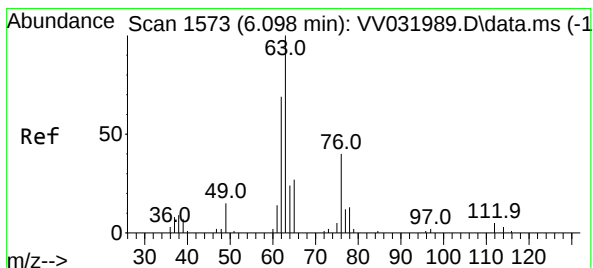
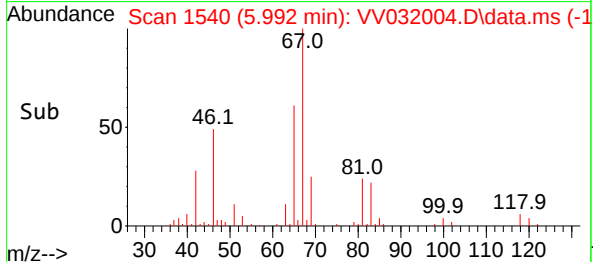
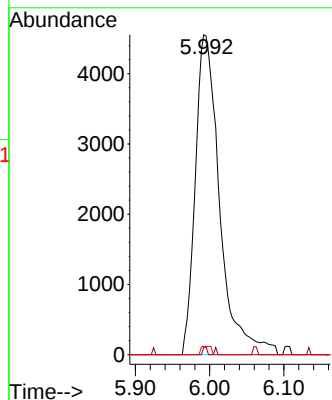
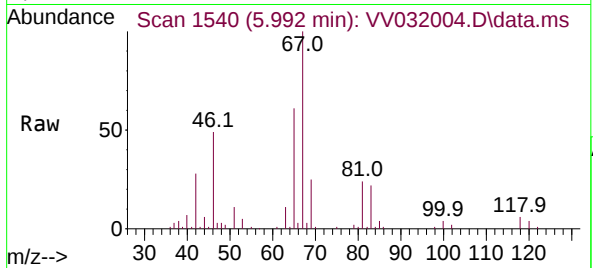




#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032004.D
Acq: 09 Sep 2023 16:42

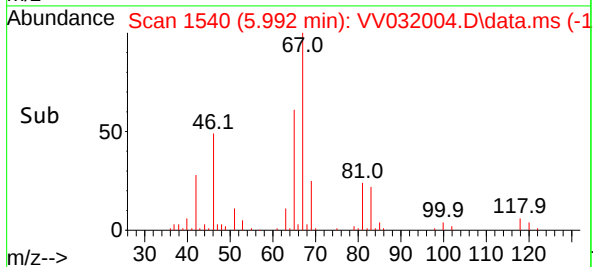
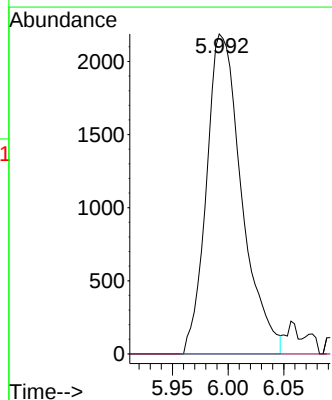
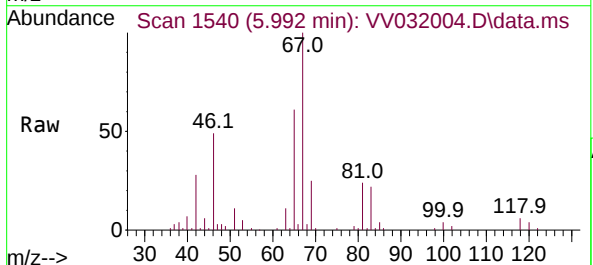
Instrument :
MSVOA_V
ClientSampleId :

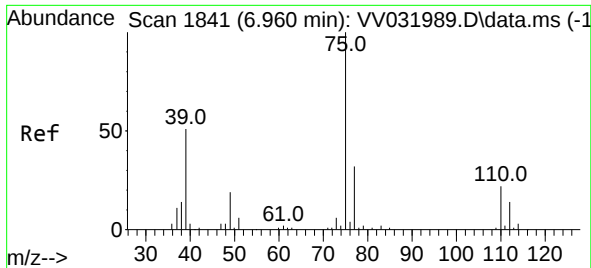
Tgt Ion: 83 Resp: 10392
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 1.1 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV032004.D
Acq: 09 Sep 2023 16:42

Tgt Ion: 63 Resp: 4813
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Instrument :

MSVOA_V

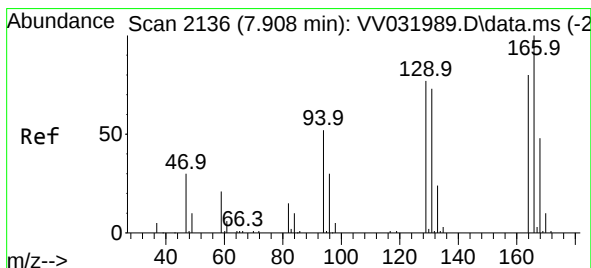
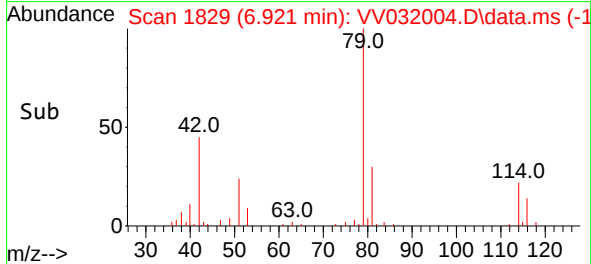
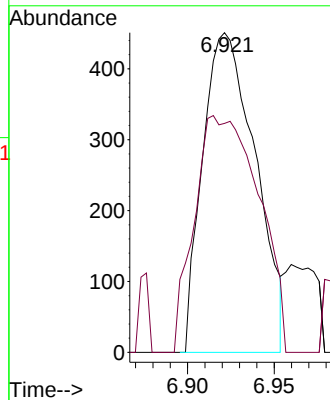
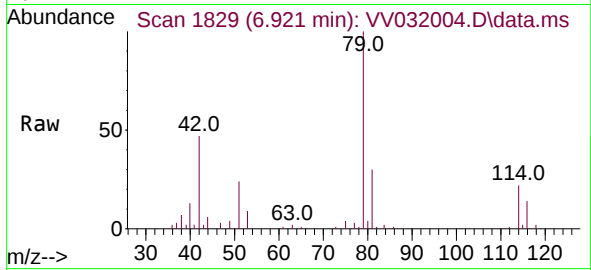
ClientSampleId :

Tgt Ion: 75 Resp: 953

Ion Ratio Lower Upper

75 100

77 71.6 23.2 43.2#



#47

Tetrachloroethene

Concen: 0.978 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Tgt Ion: 164 Resp: 5206

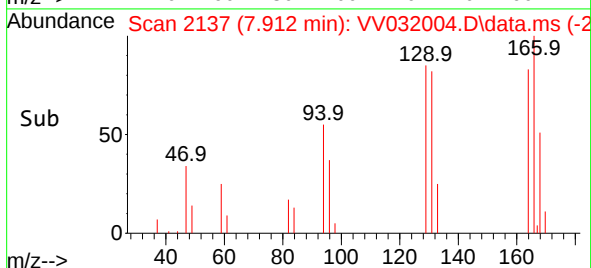
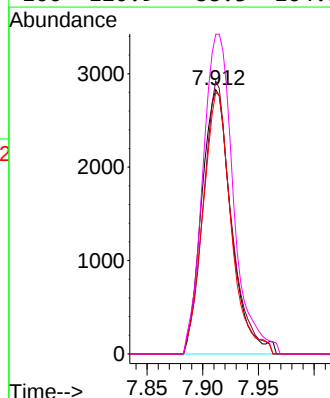
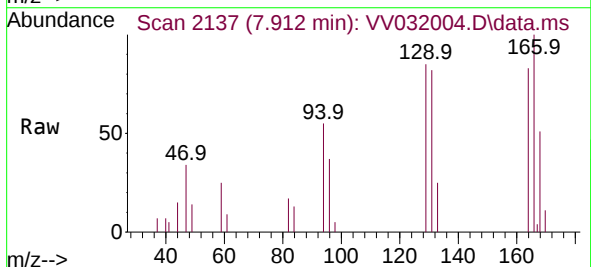
Ion Ratio Lower Upper

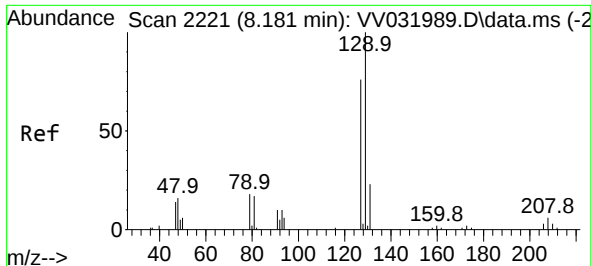
164 100

129 103.3 70.6 131.2

131 98.9 64.6 120.0

166 120.9 88.3 164.1





#49

Dibromochloromethane

Concen: 0.854 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Instrument :

MSVOA_V

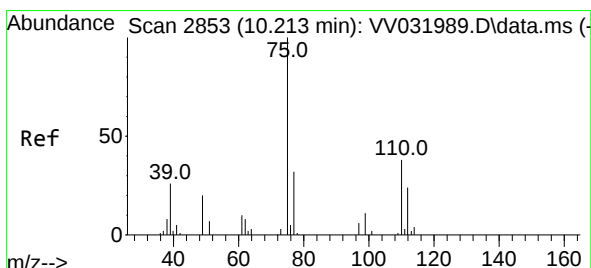
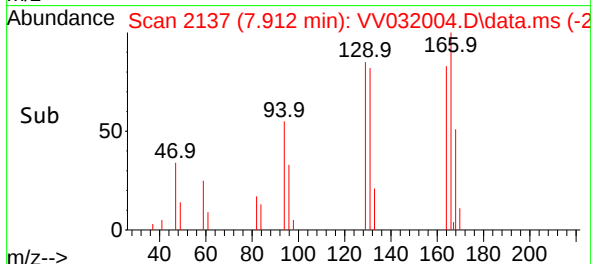
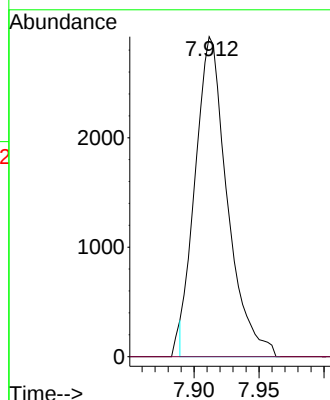
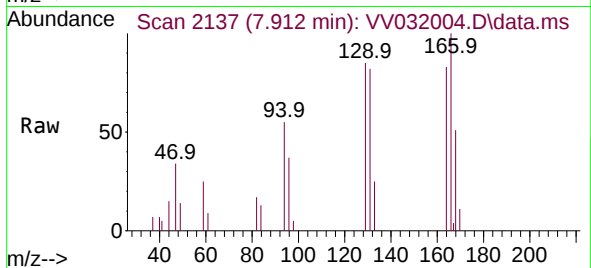
ClientSampleId :

Tgt Ion:129 Resp: 5006

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 1.951 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV032004.D

Acq: 09 Sep 2023 16:42

Tgt Ion: 75 Resp: 9332

Ion Ratio Lower Upper

75 100

77 34.7 28.8 43.2

110 1.8 30.2 45.2#

