

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032007.D
 Acq On : 09 Sep 2023 17:54
 Operator : SY/MD
 Sample : 04307-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:56:50 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)

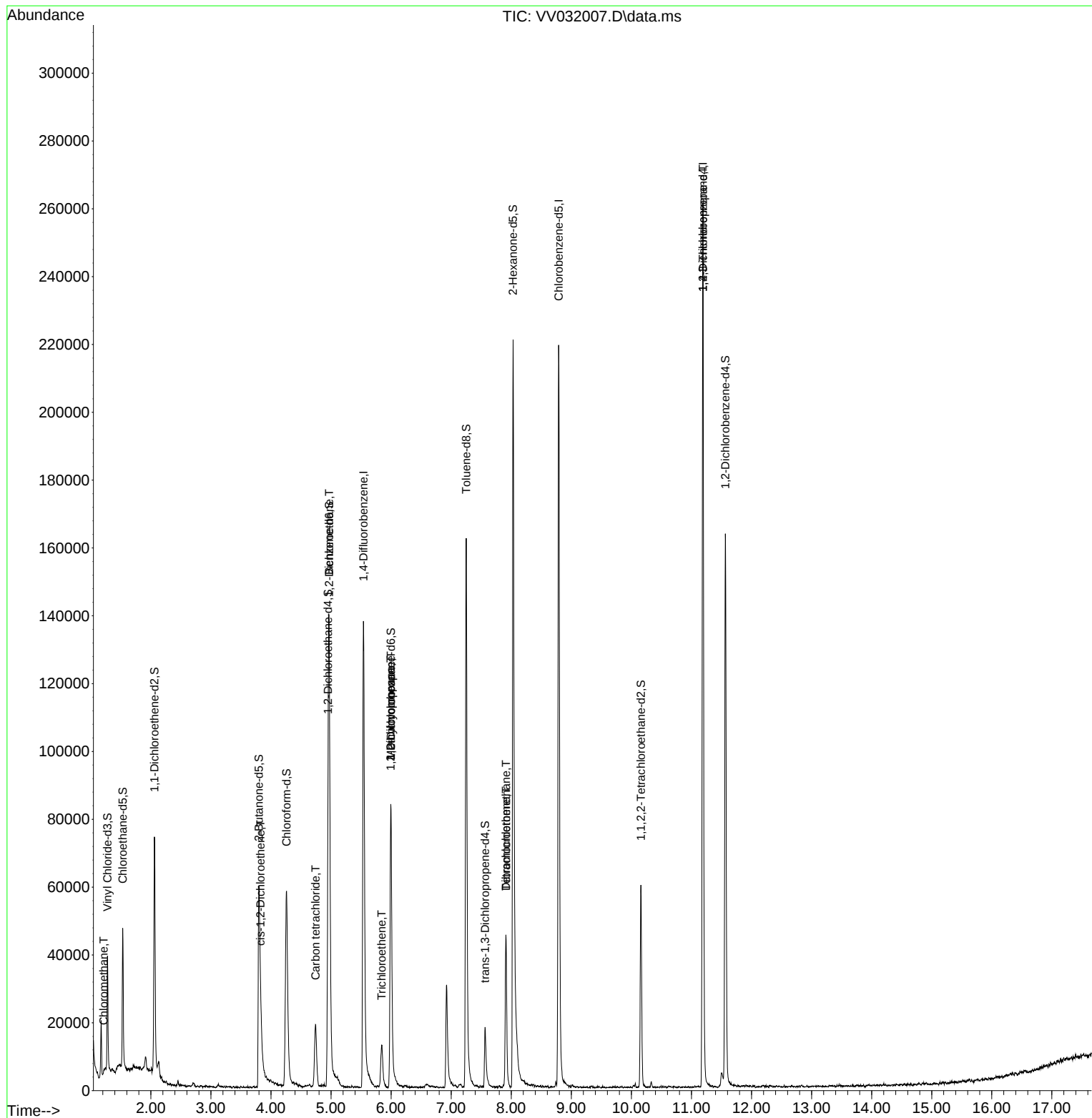
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124430	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	120360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21295	5.067	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.532	69	25798	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12095	4.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	3.799	46	100532	49.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.840%	
24) Chloroform-d	4.259	84	62044	4.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.950	65	33412	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	4.966	84	127181	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	5.995	67	43684	4.523	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.249	98	109998	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.564	79	12098	3.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.800%	
46) 2-Hexanone-d5	8.030	63	81129	43.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.420%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30718	4.433	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	40815	3.907	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	753	0.099	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	2654	0.363	ug/L	96
27) 1,2-Dichloroethane	4.969	62	757	0.095	ug/L #	75
31) Carbon tetrachloride	4.741	117	14079	1.497	ug/L	99
34) Trichloroethene	5.844	95	4146	0.512	ug/L	96
35) Methylcyclohexane	5.995	83	9834	0.834	ug/L #	22
37) 1,2-Dichloropropane	5.992	63	4868	0.637	ug/L #	87
47) Tetrachloroethene	7.911	164	10284	1.987	ug/L	97
49) Dibromochloromethane	7.911	129	9867	1.732	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8836	1.860	ug/L #	67

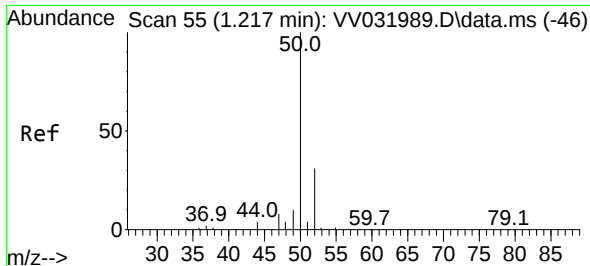
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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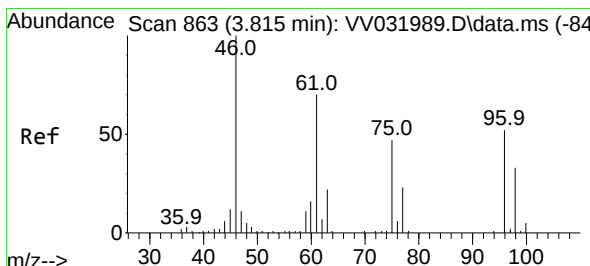
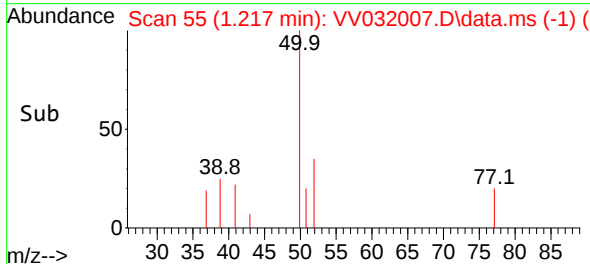
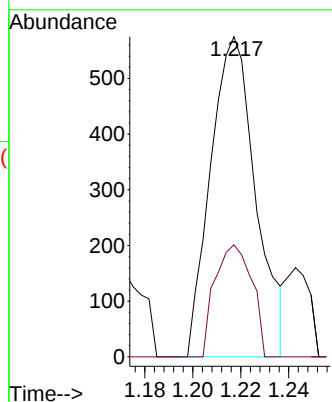
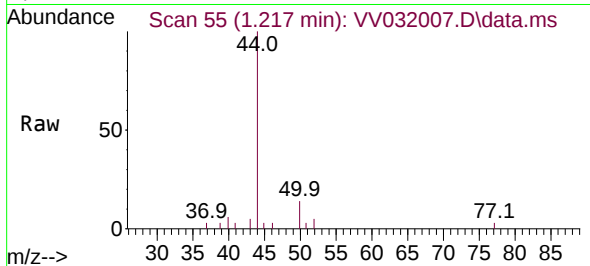




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032007.D
Acq: 09 Sep 2023 17:54

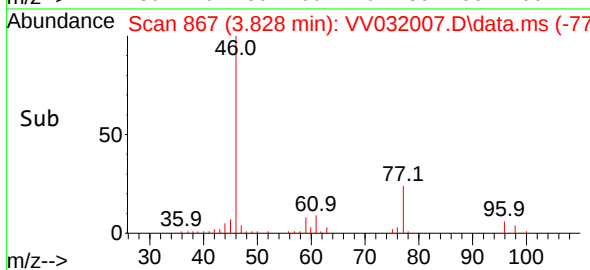
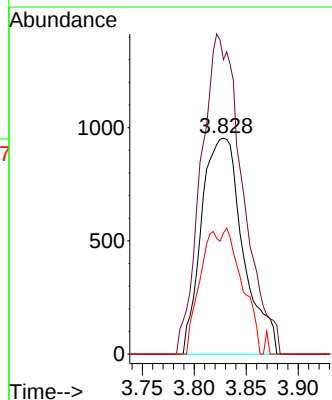
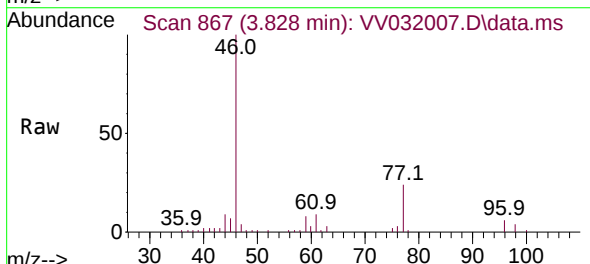
Instrument :
MSVOA_V
ClientSampleId :

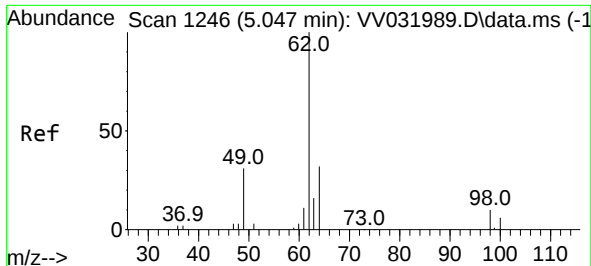
Tgt Ion: 50 Resp: 753
Ion Ratio Lower Upper
50 100
52 35.0 23.3 43.3



#22
cis-1,2-Dichloroethene
Concen: 0.363 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV032007.D
Acq: 09 Sep 2023 17:54

Tgt Ion: 96 Resp: 2654
Ion Ratio Lower Upper
96 100
61 136.4 94.1 174.8
98 56.0 43.8 81.4





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 4.969 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV032007.D

Acq: 09 Sep 2023 17:54

Instrument :

MSVOA_V

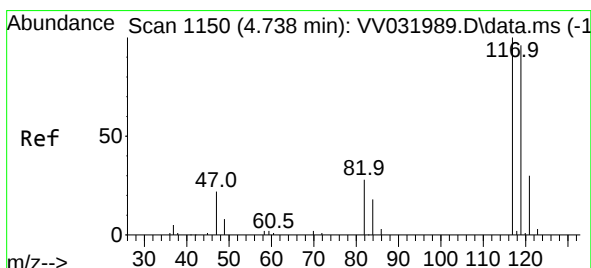
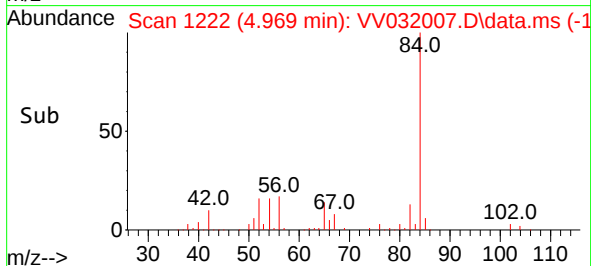
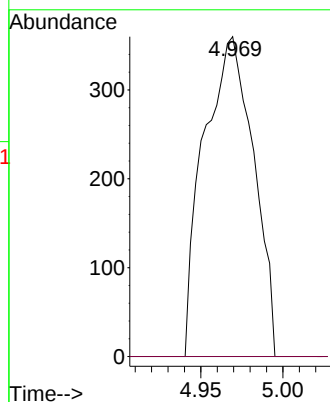
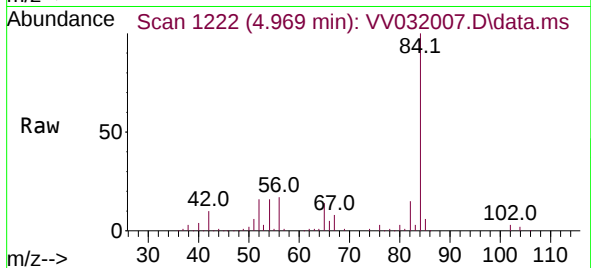
ClientSampleId :

Tgt Ion: 62 Resp: 757

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#31

Carbon tetrachloride

Concen: 1.497 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV032007.D

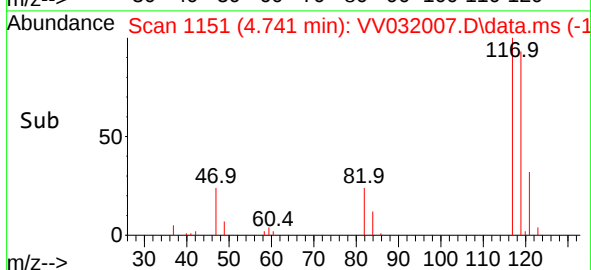
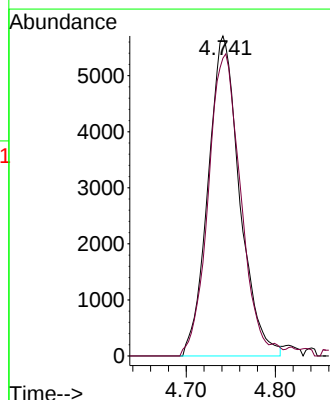
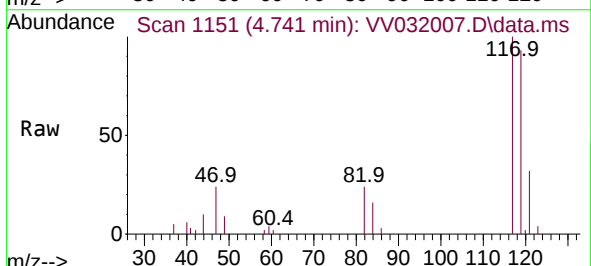
Acq: 09 Sep 2023 17:54

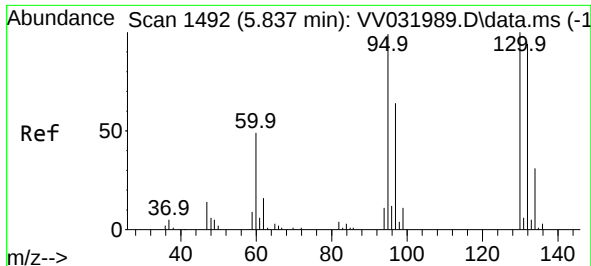
Tgt Ion: 117 Resp: 14079

Ion Ratio Lower Upper

117 100

119 96.9 78.4 117.6

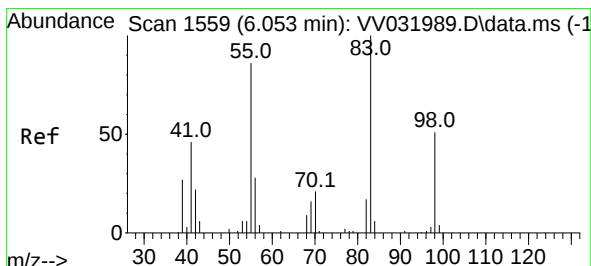
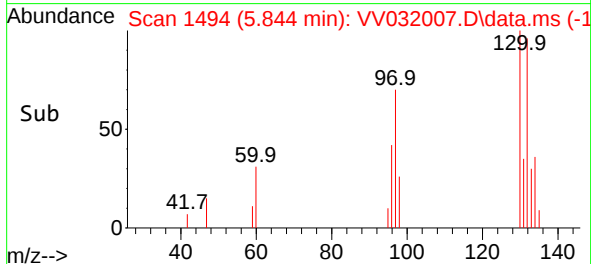
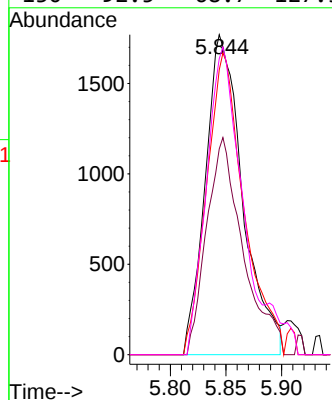
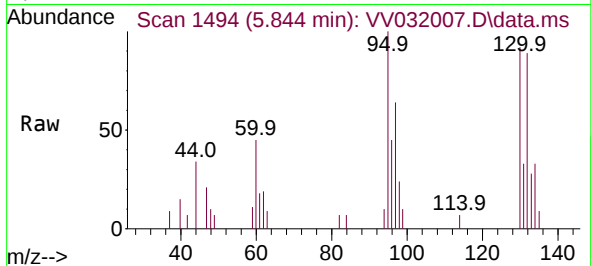




#34
Trichloroethene
Concen: 0.512 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV032007.D
Acq: 09 Sep 2023 17:54

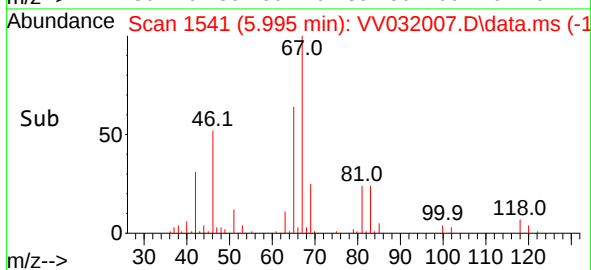
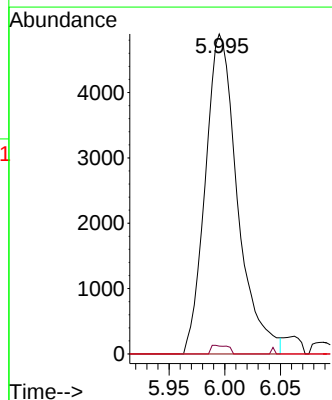
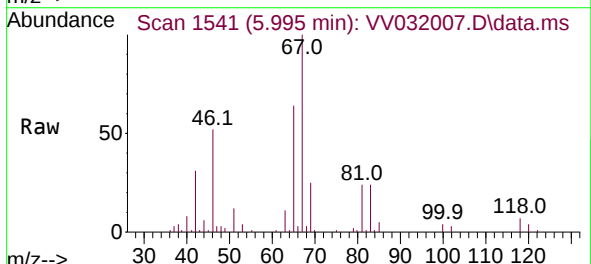
Instrument :
MSVOA_V
ClientSampleId :

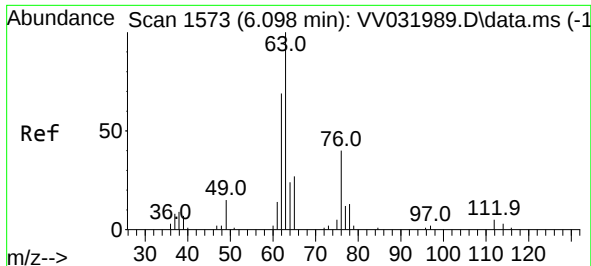
Tgt Ion: 95 Resp: 4146
Ion Ratio Lower Upper
95 100
97 64.3 47.7 88.7
132 89.0 63.8 118.4
130 92.5 68.7 127.5



#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV032007.D
Acq: 09 Sep 2023 17:54

Tgt Ion: 83 Resp: 9834
Ion Ratio Lower Upper
83 100
55 1.4 62.6 94.0#
98 6.3 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV032007.D

Acq: 09 Sep 2023 17:54

Instrument :

MSVOA_V

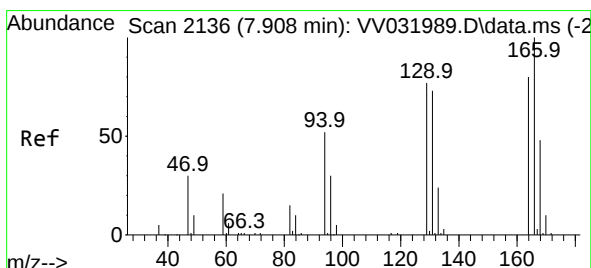
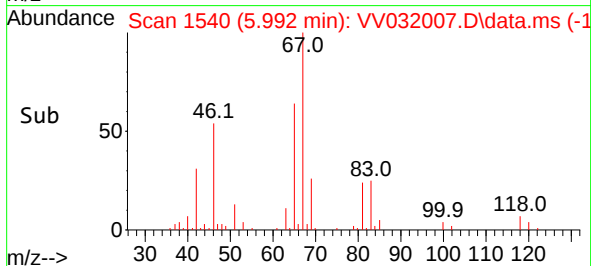
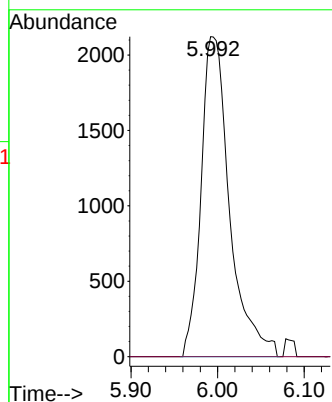
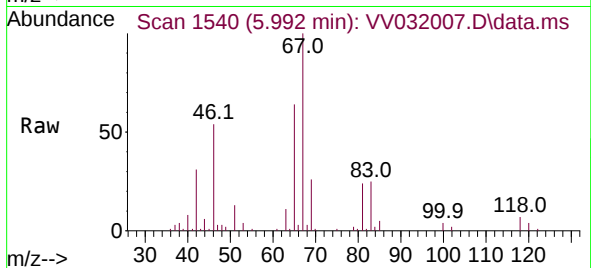
ClientSampleId :

Tgt Ion: 63 Resp: 4868

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#47

Tetrachloroethene

Concen: 1.987 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032007.D

Acq: 09 Sep 2023 17:54

Tgt Ion: 164 Resp: 10284

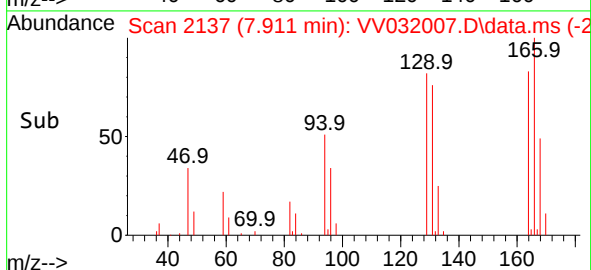
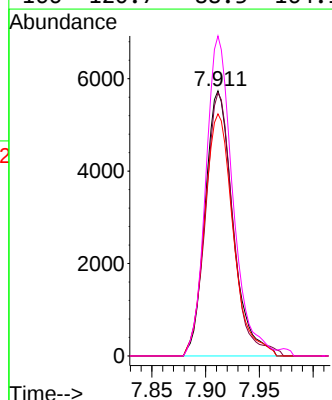
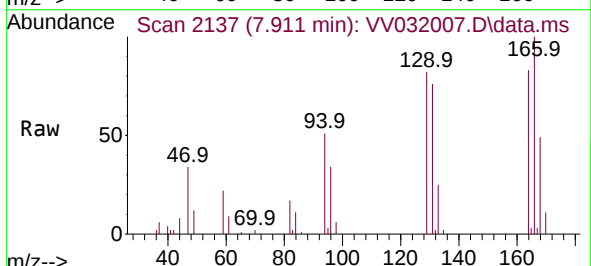
Ion Ratio Lower Upper

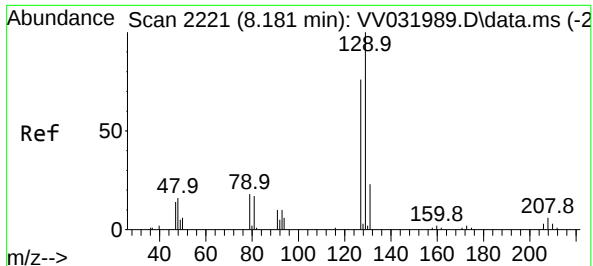
164 100

129 99.2 70.6 131.2

131 91.3 64.6 120.0

166 120.7 88.3 164.1





#49

Dibromochloromethane

Concen: 1.732 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV032007.D

Acq: 09 Sep 2023 17:54

Instrument :

MSVOA_V

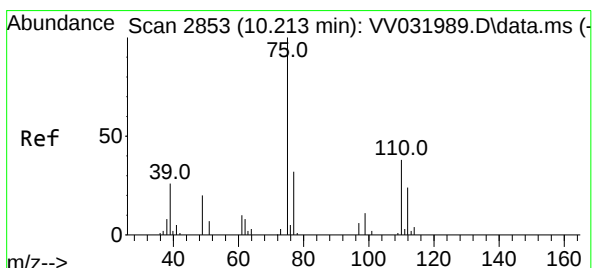
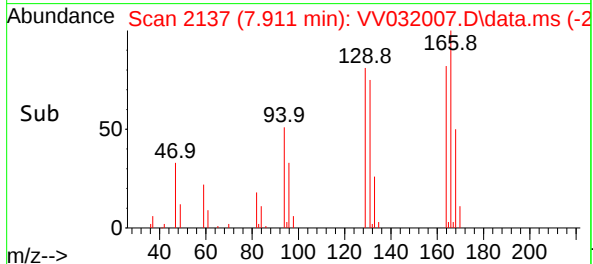
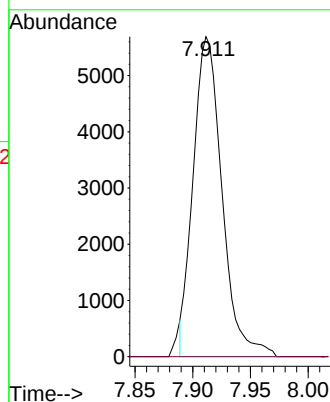
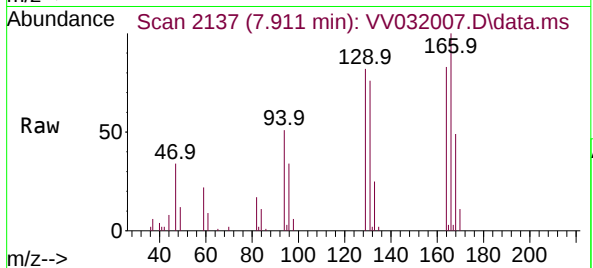
ClientSampleId :

Tgt Ion:129 Resp: 9867

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 1.860 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV032007.D

Acq: 09 Sep 2023 17:54

Tgt Ion: 75 Resp: 8836

Ion Ratio Lower Upper

75 100

77 33.7 28.8 43.2

110 1.8 30.2 45.2#

