

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032031.D
 Acq On : 11 Sep 2023 17:07
 Operator : SY/MD
 Sample : 04306-09 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:01:23 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)

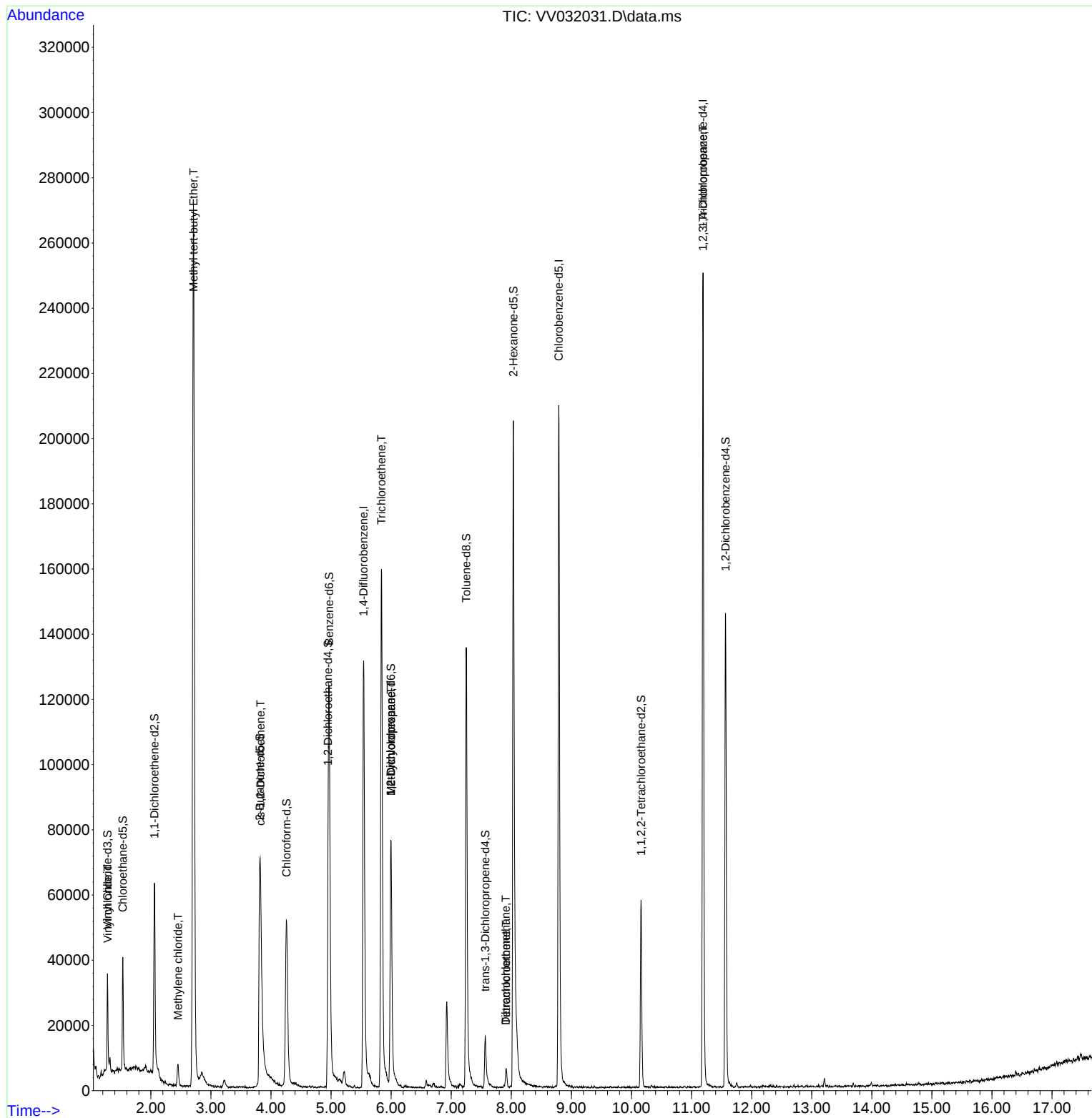
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61350	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17560	4.565	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.532	69	21738	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.060	65	10522	4.648	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	3.812	46	101043	54.269	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.540%	
24) Chloroform-d	4.259	84	55626	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	4.950	65	29829	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	4.966	84	109806	4.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	5.995	67	41230	4.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.249	98	95242	3.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.567	79	10529	3.132	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.600%	
46) 2-Hexanone-d5	8.034	63	75856	42.325	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.660%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28511	4.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	11.567	152	36348	3.658	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.200%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	1553	0.217	ug/L #	78
16) Methylene chloride	2.452	84	2573	0.309	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	275534	17.323	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	13150	1.964	ug/L	96
34) Trichloroethene	5.838	95	60335	7.801	ug/L	97
35) Methylcyclohexane	5.995	83	9065	0.805	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4302	0.590	ug/L #	87
47) Tetrachloroethene	7.911	164	1343	0.272	ug/L	90
49) Dibromochloromethane	7.908	129	1395	0.257	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	8657	1.916	ug/L #	68

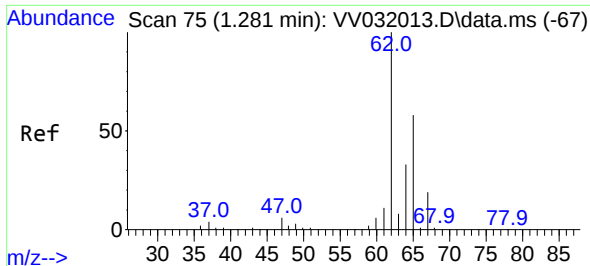
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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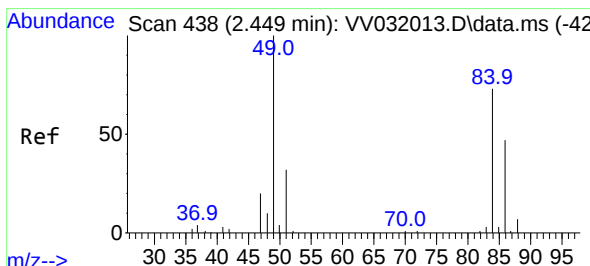
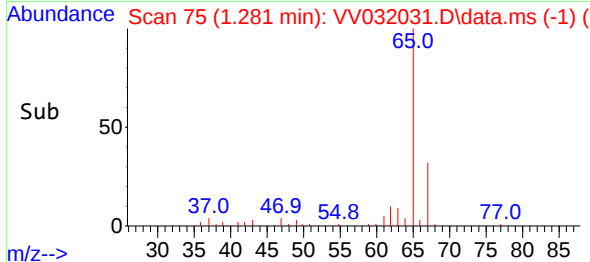
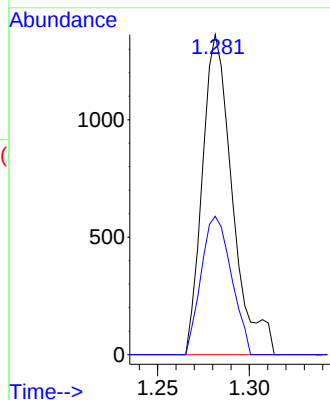
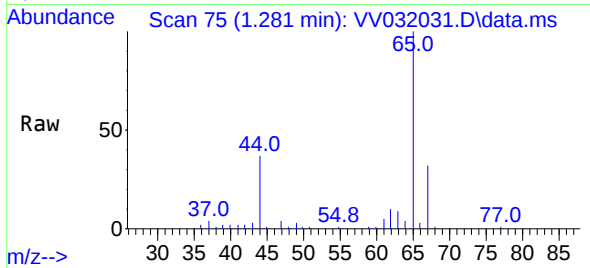




#5
 Vinyl chloride
 Concen: 0.217 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032031.D
 Acq: 11 Sep 2023 17:07

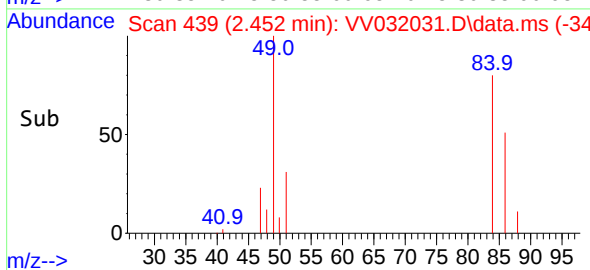
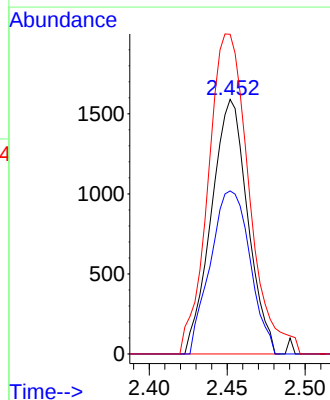
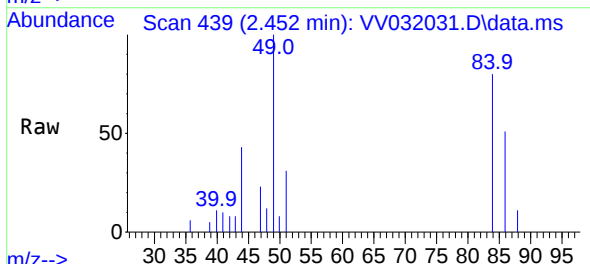
Instrument :
 MSVOA_V
 ClientSampleId :

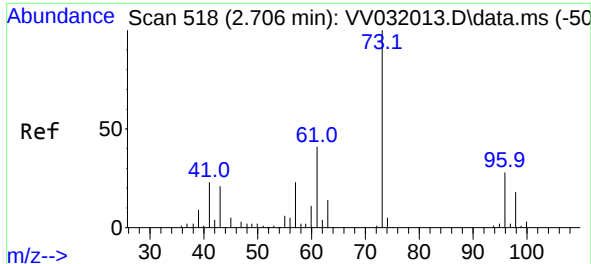
Tgt Ion: 62 Resp: 1553
 Ion Ratio Lower Upper
 62 100
 64 43.2 21.7 40.3#



#16
 Methylene chloride
 Concen: 0.309 ug/L
 RT: 2.452 min Scan# 439
 Delta R.T. 0.003 min
 Lab File: VV032031.D
 Acq: 11 Sep 2023 17:07

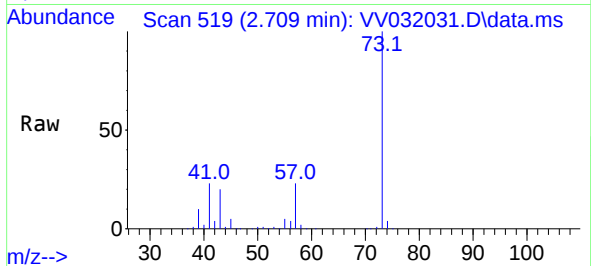
Tgt Ion: 84 Resp: 2573
 Ion Ratio Lower Upper
 84 100
 86 64.1 42.6 79.2
 49 125.6 88.5 164.4



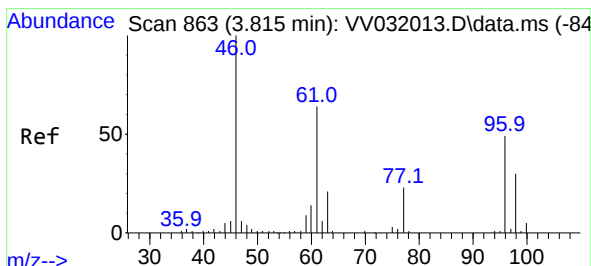
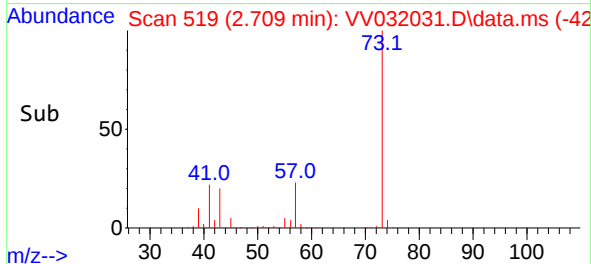
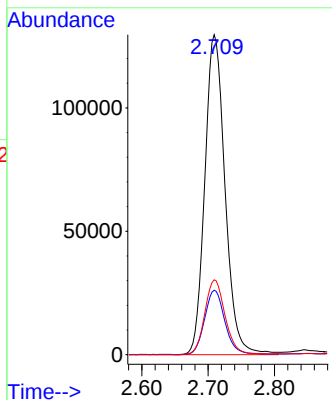


#17
Methyl tert-butyl Ether
Concen: 17.323 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032031.D
Acq: 11 Sep 2023 17:07

Instrument :
MSVOA_V
ClientSampleId :

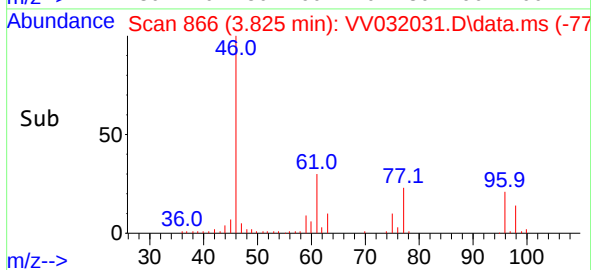
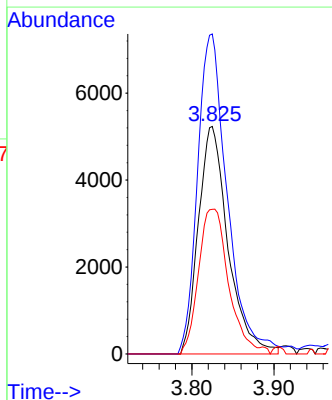
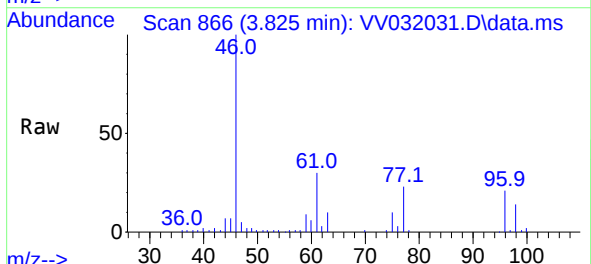


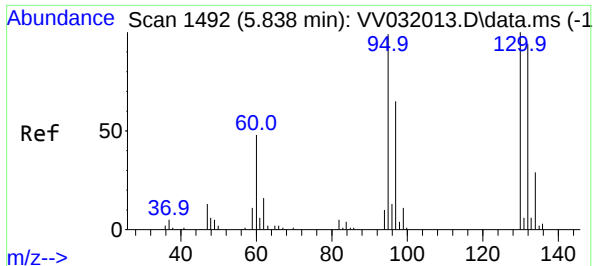
Tgt Ion: 73 Resp: 275534
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 23.6 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 1.964 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV032031.D
Acq: 11 Sep 2023 17:07

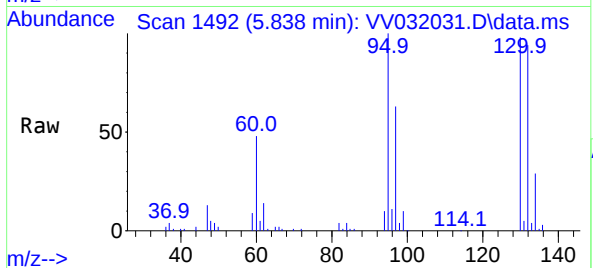
Tgt Ion: 96 Resp: 13150
Ion Ratio Lower Upper
96 100
61 140.6 94.1 174.8
98 63.6 43.8 81.4





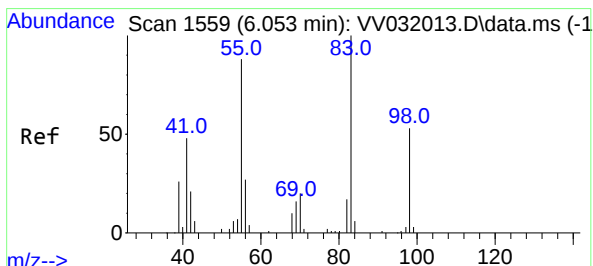
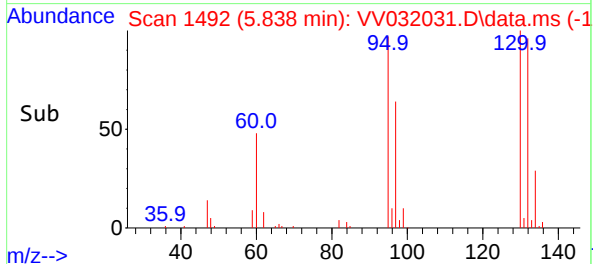
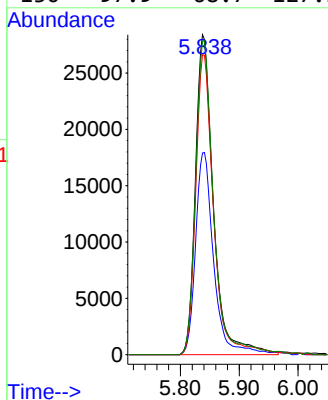
#34
Trichloroethene
Concen: 7.801 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV032031.D
Acq: 11 Sep 2023 17:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 60335

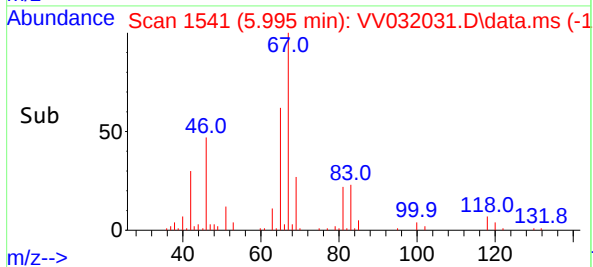
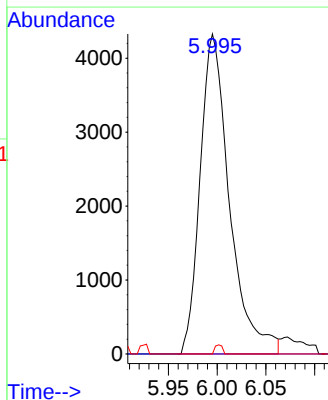
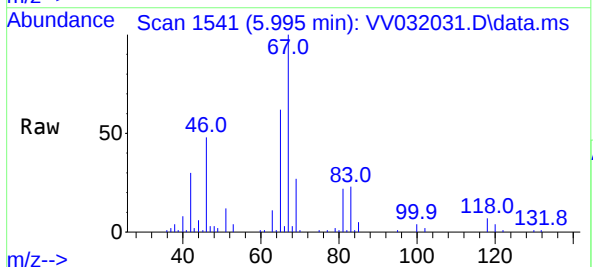
Ion	Ratio	Lower	Upper
95	100		
97	63.0	47.7	88.7
132	93.7	63.8	118.4
130	97.9	68.7	127.5

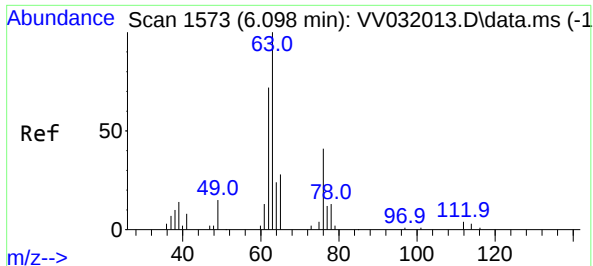


#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV032031.D
Acq: 11 Sep 2023 17:07

Tgt Ion: 83 Resp: 9065

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.0	37.8	56.8#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV032031.D

Acq: 11 Sep 2023 17:07

Instrument :

MSVOA_V

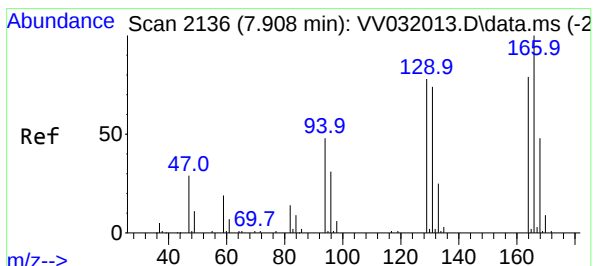
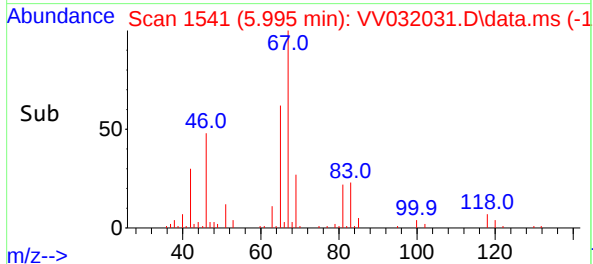
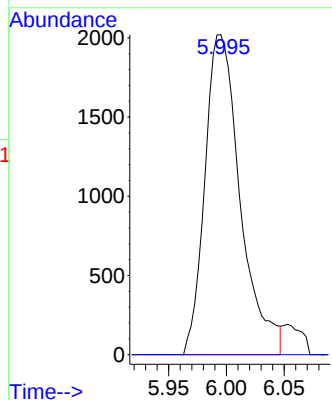
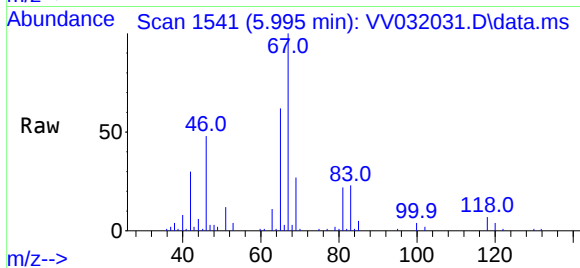
ClientSampleId :

Tgt Ion: 63 Resp: 4302

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#47

Tetrachloroethene

Concen: 0.272 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032031.D

Acq: 11 Sep 2023 17:07

Tgt Ion:164 Resp: 1343

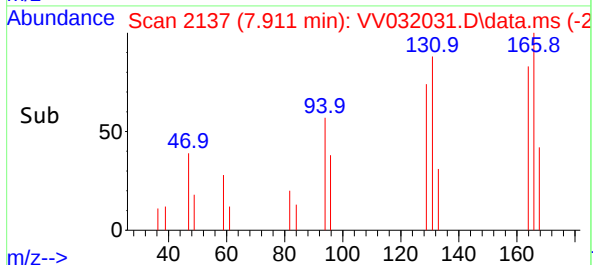
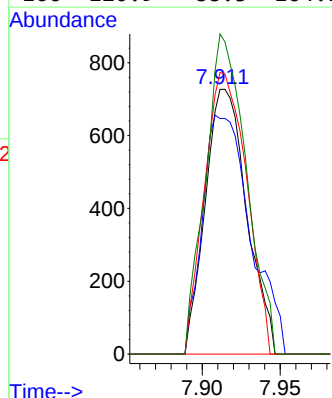
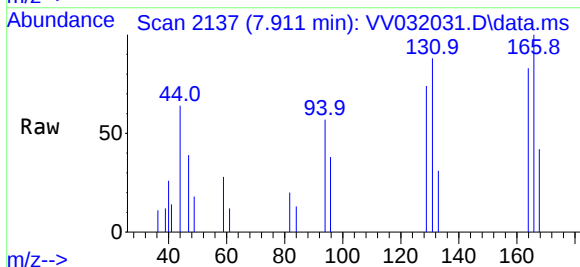
Ion Ratio Lower Upper

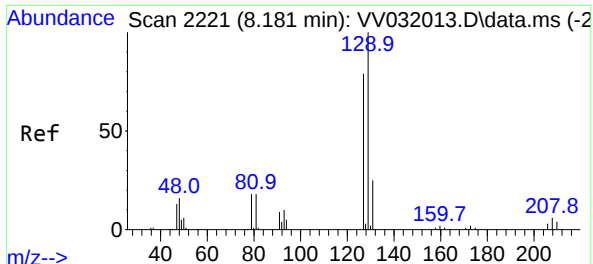
164 100

129 89.0 70.6 131.2

131 106.3 64.6 120.0

166 120.9 88.3 164.1





#49

Dibromochloromethane

Concen: 0.257 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.273 min

Lab File: VV032031.D

Acq: 11 Sep 2023 17:07

Instrument :

MSVOA_V

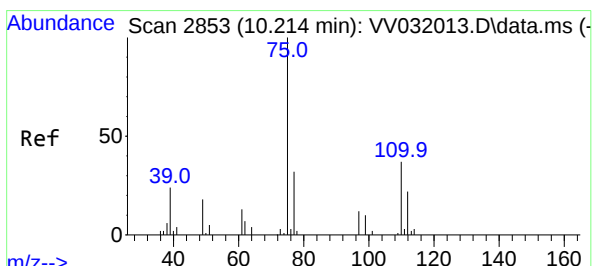
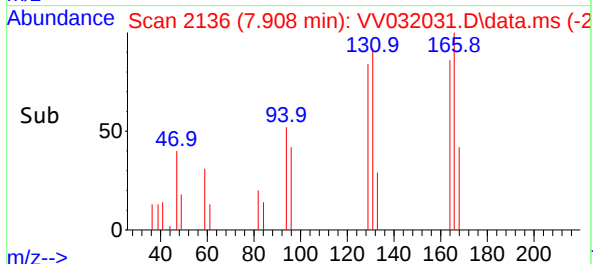
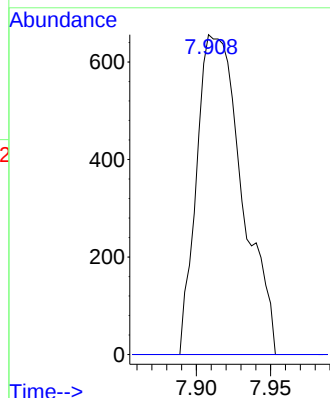
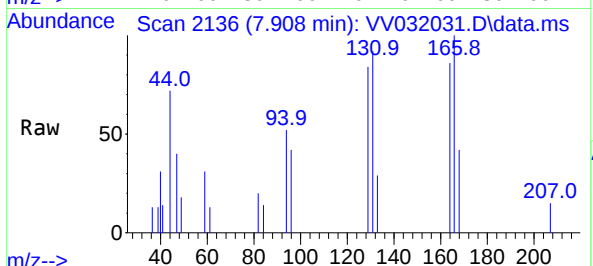
ClientSampleId :

Tgt Ion:129 Resp: 1395

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 1.916 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032031.D

Acq: 11 Sep 2023 17:07

Tgt Ion: 75 Resp: 8657

Ion Ratio Lower Upper

75 100

77 33.6 28.8 43.2

110 2.6 30.2 45.2#

