

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031354.D
 Acq On : 05 Jun 2023 18:03
 Operator : SY/MD
 Sample : 02990-15 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C45

Quant Time: Jun 06 02:10:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

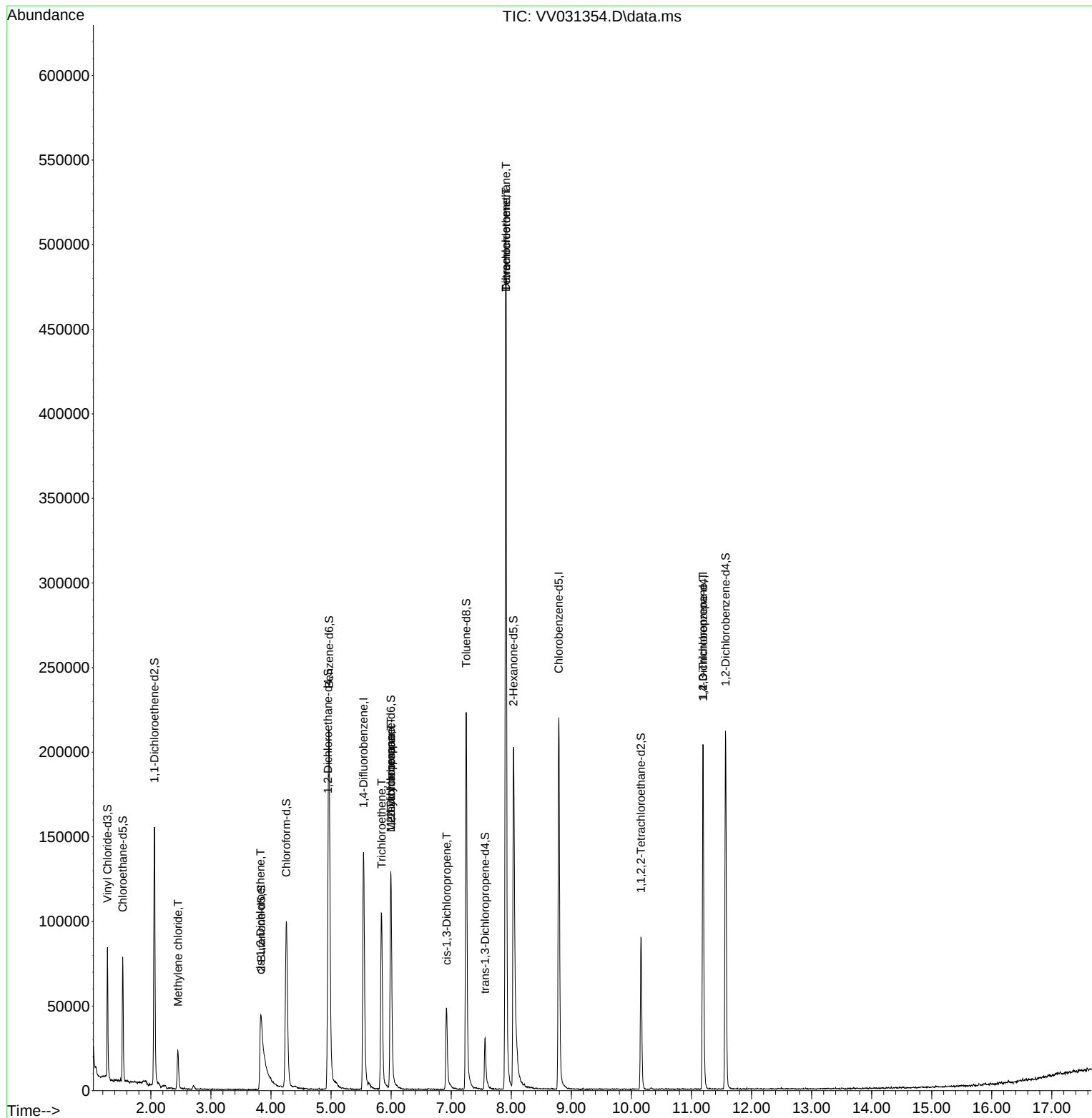
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49902	4.179	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.532	69	46711	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.060	65	26849	4.631	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	3.838	46	104465	37.801	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.600%	
24) Chloroform-d	4.256	84	106190	5.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
26) 1,2-Dichloroethane-d4	4.950	65	56479	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	4.966	84	185542	5.093	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	5.995	67	63222	5.138	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.249	98	153582	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	7.564	79	19377	4.325	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.037	63	77658	43.149	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.300%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	43715	4.673	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.567	152	55090	5.368	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	9047	0.679	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	9029	0.857	ug/L	92
34) Trichloroethene	5.841	95	38769	3.366	ug/L	98
35) Methylcyclohexane	5.998	83	15367	0.896	ug/L #	12
37) 1,2-Dichloropropane	5.998	63	7959	0.634	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1262	0.077	ug/L #	67
47) Tetrachloroethene	7.911	164	116649	12.995	ug/L	98
49) Dibromochloromethane	7.911	129	107234	11.270	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6273	0.944	ug/L #	70

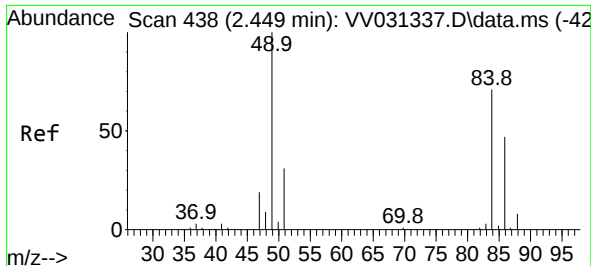
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 06 02:05:53 2023
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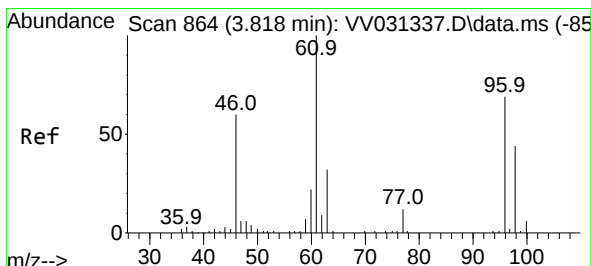
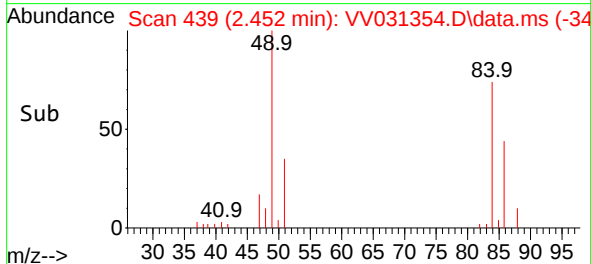
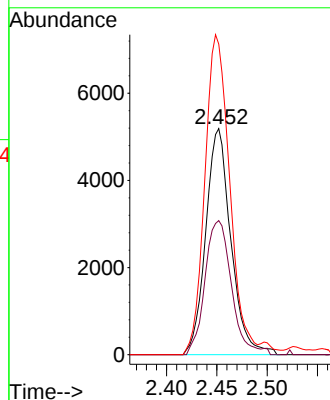
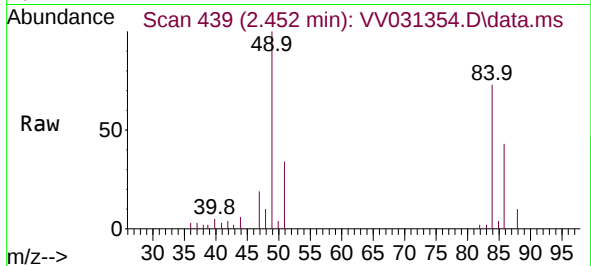




#16
Methylene chloride
Concen: 0.679 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031354.D
Acq: 05 Jun 2023 18:03

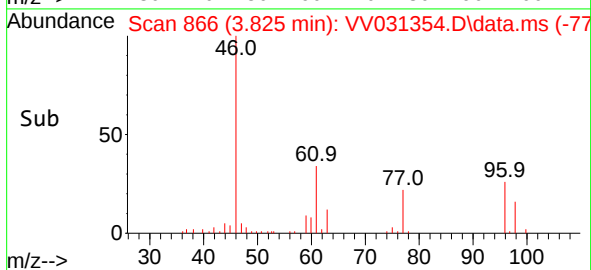
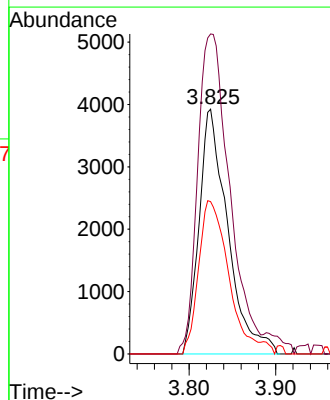
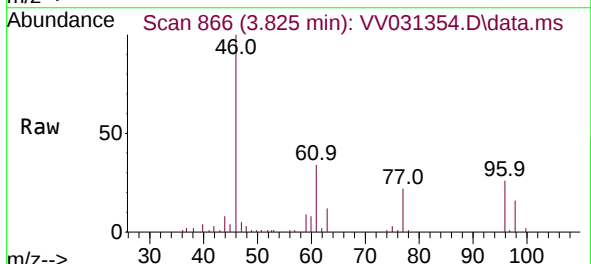
Instrument :
MSVOA_V
ClientSampleId :
F6C45

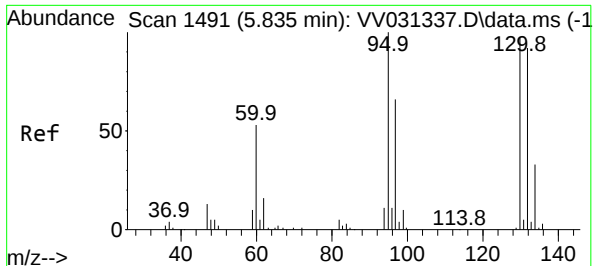
Tgt Ion: 84 Resp: 9047
Ion Ratio Lower Upper
84 100
86 59.3 46.7 86.7
49 137.3 101.6 188.8



#22
cis-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV031354.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 96 Resp: 9029
Ion Ratio Lower Upper
96 100
61 130.8 100.8 187.2
98 62.2 45.1 83.9

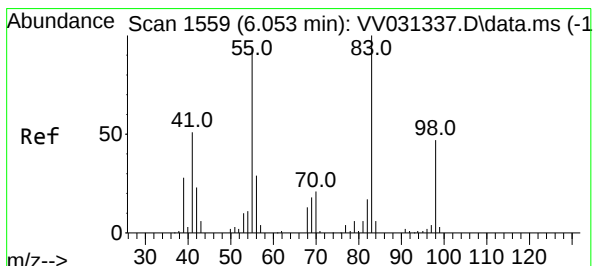
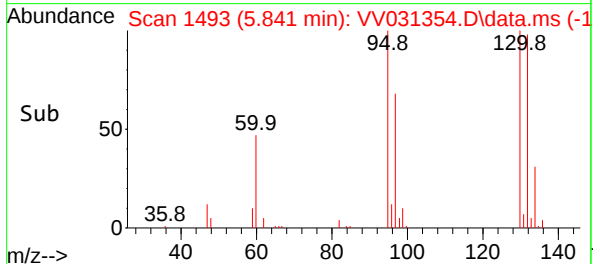
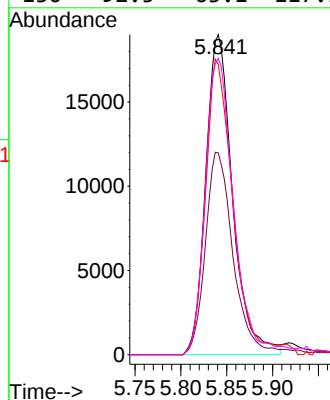
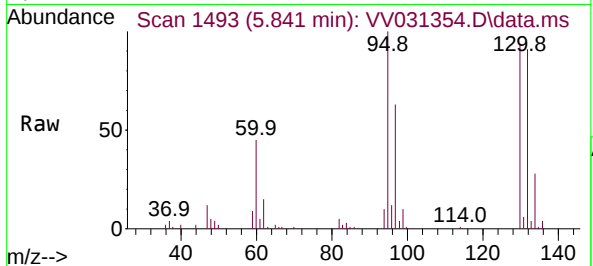




#34
Trichloroethene
Concen: 3.366 ug/L
RT: 5.841 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV031354.D
Acq: 05 Jun 2023 18:03

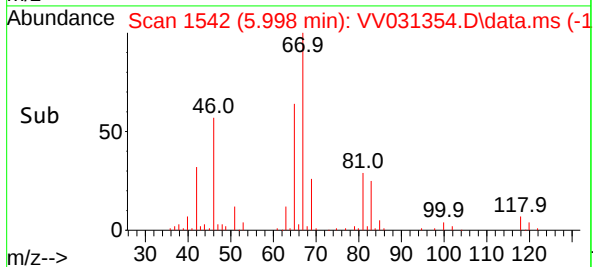
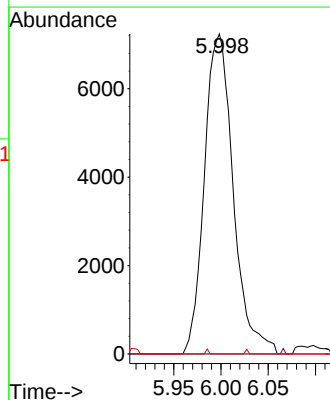
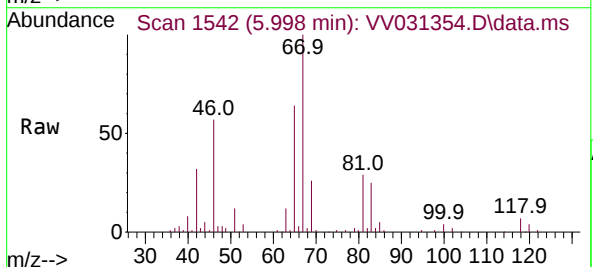
Instrument :
MSVOA_V
ClientSampleId :
F6C45

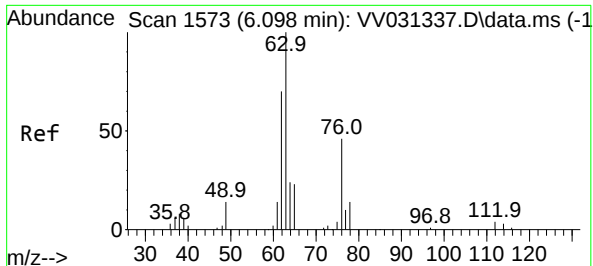
Tgt Ion: 95 Resp: 38769
Ion Ratio Lower Upper
95 100
97 63.0 46.1 85.5
132 90.7 64.5 119.9
130 92.5 63.1 117.1



#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.055 min
Lab File: VV031354.D
Acq: 05 Jun 2023 18:03

Tgt Ion: 83 Resp: 15367
Ion Ratio Lower Upper
83 100
55 0.2 74.6 112.0#
98 0.0 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV031354.D

Acq: 05 Jun 2023 18:03

Instrument :

MSVOA_V

ClientSampleId :

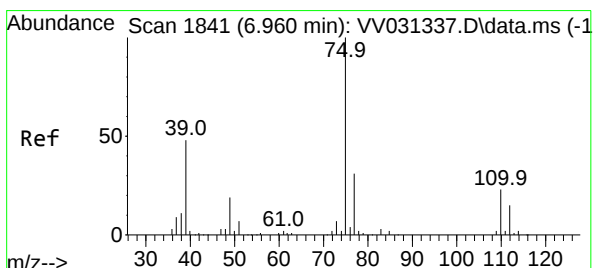
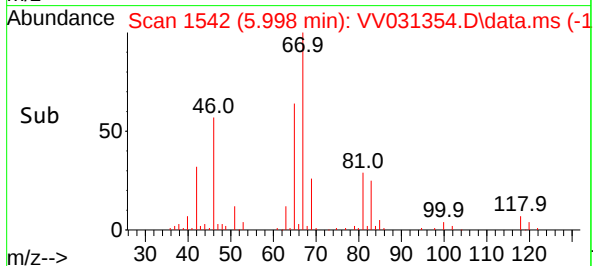
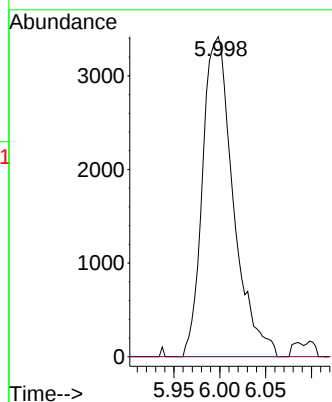
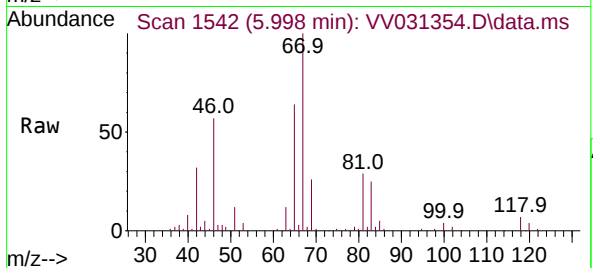
F6C45

Tgt Ion: 63 Resp: 7959

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.036 min

Lab File: VV031354.D

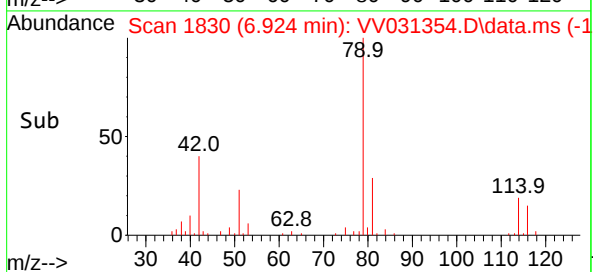
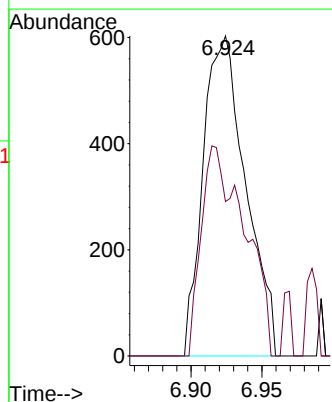
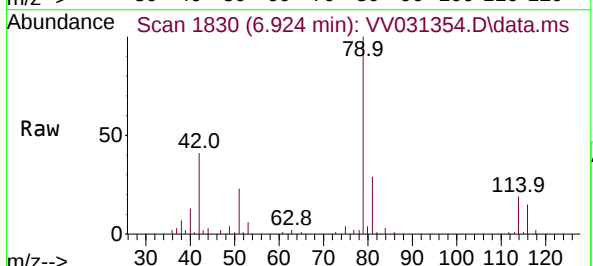
Acq: 05 Jun 2023 18:03

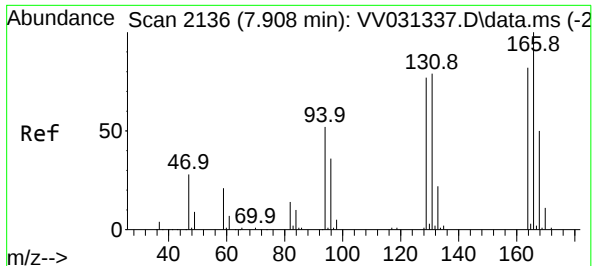
Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 48.3 21.3 39.5#





#47

Tetrachloroethene

Concen: 12.995 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031354.D

Acq: 05 Jun 2023 18:03

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Tgt Ion:164 Resp: 116649

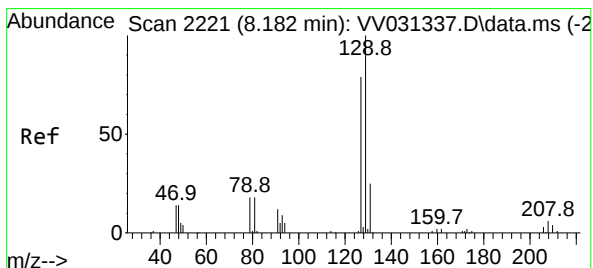
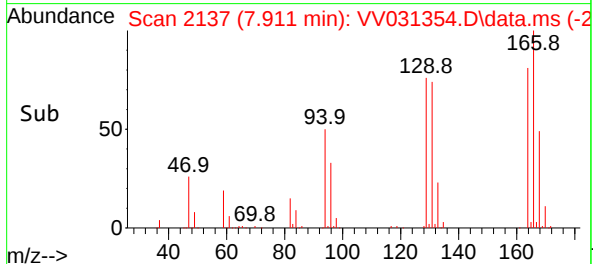
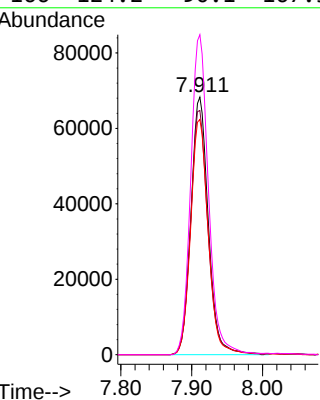
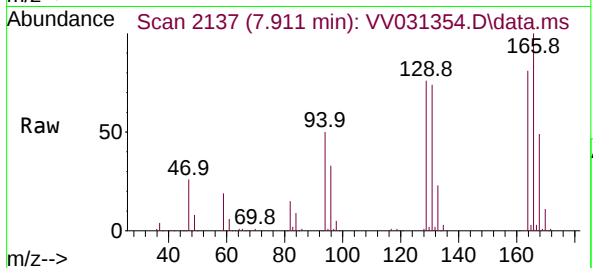
Ion Ratio Lower Upper

164 100

129 94.8 66.0 122.6

131 91.3 65.3 121.3

166 124.2 90.1 167.3



#49

Dibromochloromethane

Concen: 11.270 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031354.D

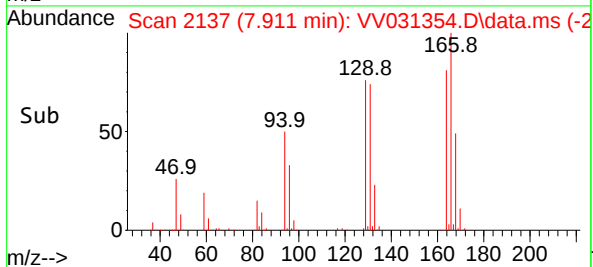
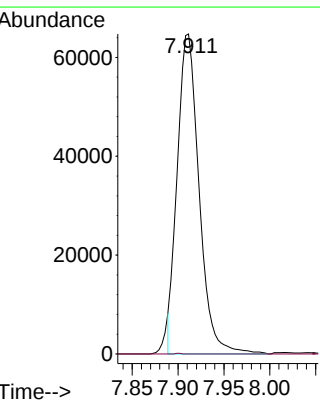
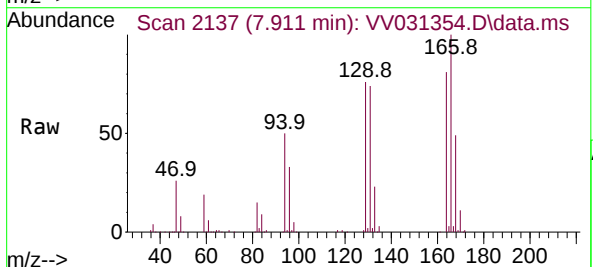
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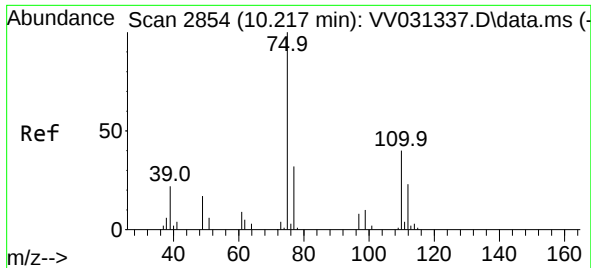
Tgt Ion:129 Resp: 107234

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#





#61

1,2,3-Trichloropropane

Concen: 0.944 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV031354.D

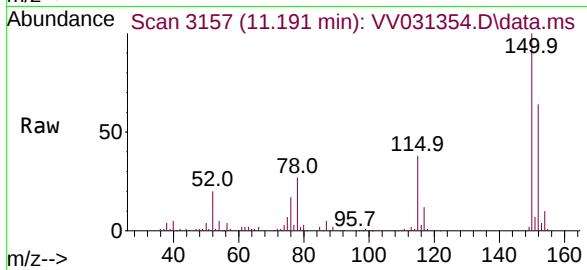
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ClientSampleId :

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Tgt Ion:	75	Resp:	6273
Ion	Ratio	Lower	Upper
75	100		
77	33.1	27.3	40.9
110	2.8	29.4	44.0#

