

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030024.D
 Acq On : 02 Feb 2023 15:30
 Operator : SY/MD
 Sample : 01408-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C1153

Quant Time: Feb 03 01:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

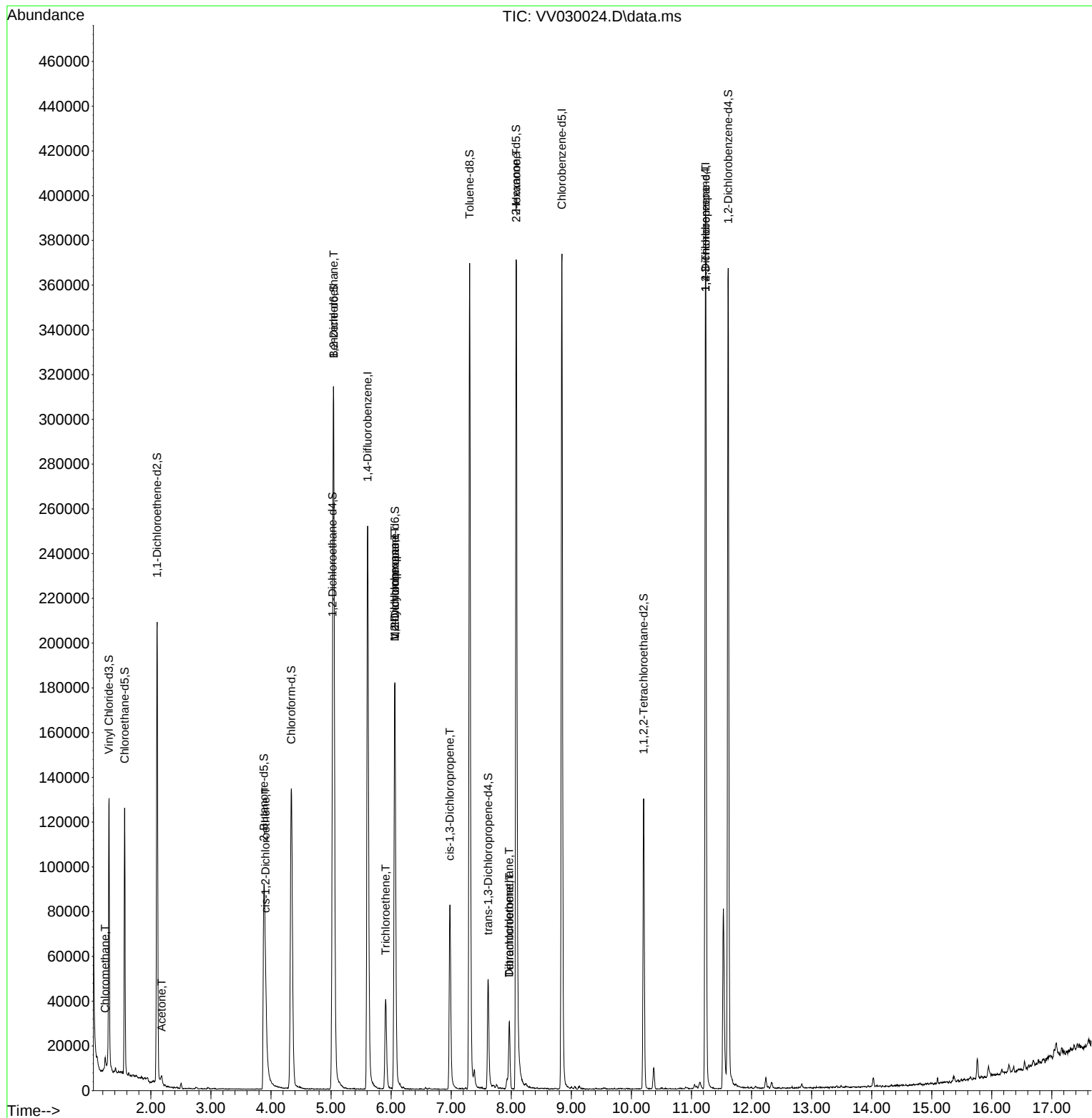
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	231142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	214911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	107476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76810	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	74241	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.105	63	108208	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.883	46	158443	50.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	4.339	84	144660	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.024	65	64015	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.043	84	303377	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.063	67	97486	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.307	98	252860	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.616	79	29732	4.363	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.082	63	142431	51.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66548	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	97651	4.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
3) Chloromethane	1.240	50	2936	0.130	ug/L	94
13) Acetone	2.179	43	3716	1.675	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	7869	0.403	ug/L	96
27) 1,2-Dichloroethane	5.043	62	1498	0.092	ug/L #	71
34) Trichloroethene	5.908	95	15748	0.875	ug/L	88
35) Methylcyclohexane	6.059	83	22168	0.729	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9044	0.544	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1887	0.085	ug/L #	57
47) Tetrachloroethene	7.969	164	7254	0.478	ug/L	92
48) 2-Hexanone	8.085	43	14433	2.844	ug/L #	63
49) Dibromochloromethane	7.966	129	6465	0.459	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12935	1.625	ug/L #	65

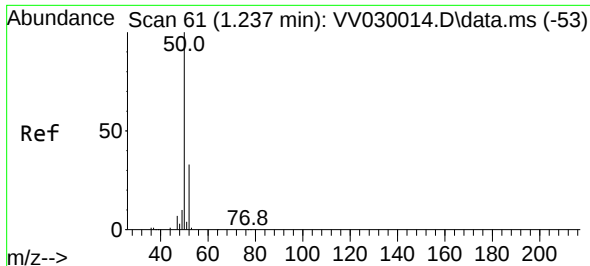
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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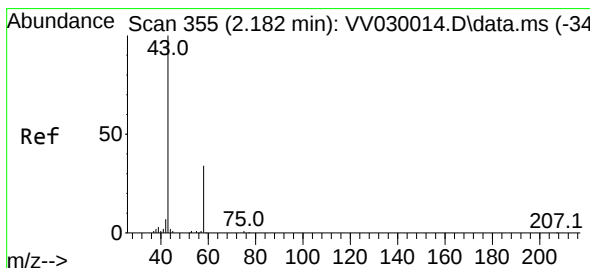
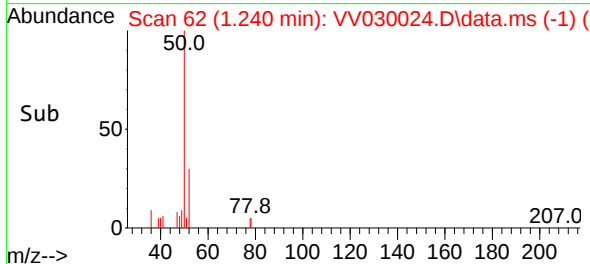
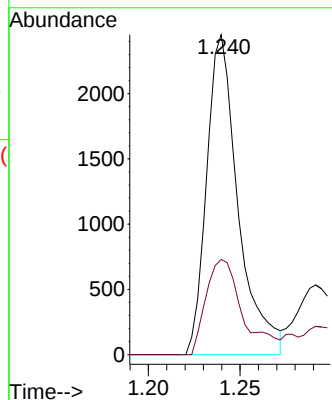
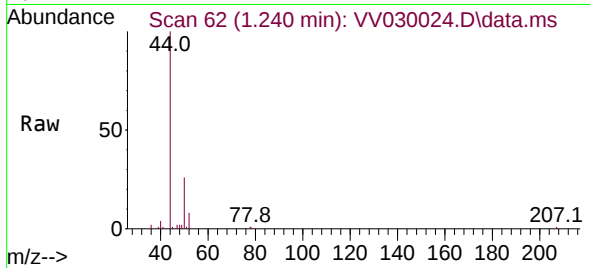




#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV030024.D
Acq: 02 Feb 2023 15:30

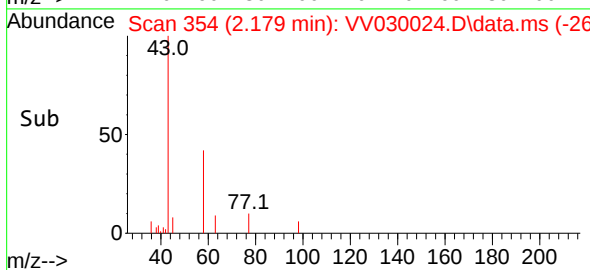
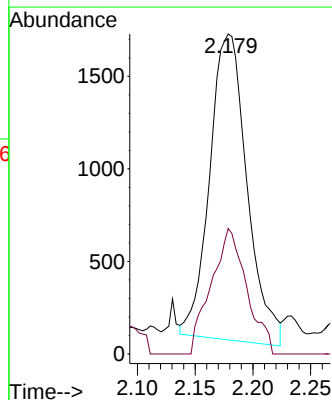
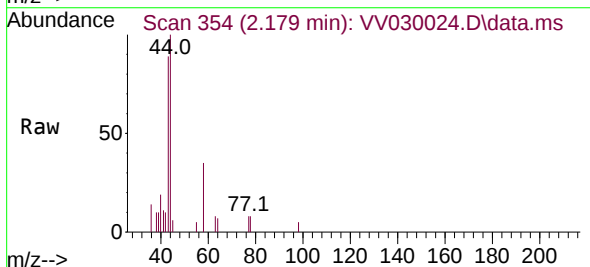
Instrument :
MSVOA_V
ClientSampleId :
C1153

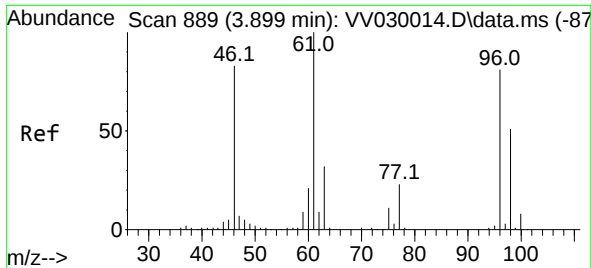
Tgt Ion: 50 Resp: 2936
Ion Ratio Lower Upper
50 100
52 29.7 23.1 42.9



#13
Acetone
Concen: 1.675 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV030024.D
Acq: 02 Feb 2023 15:30

Tgt Ion: 43 Resp: 3716
Ion Ratio Lower Upper
43 100
58 39.0 0.0 68.8

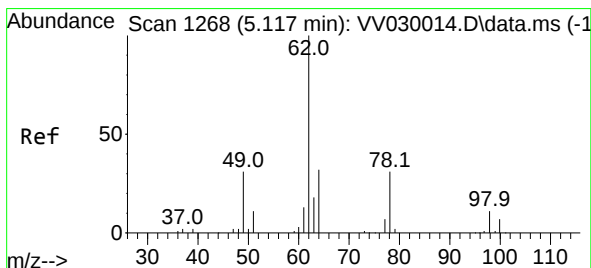
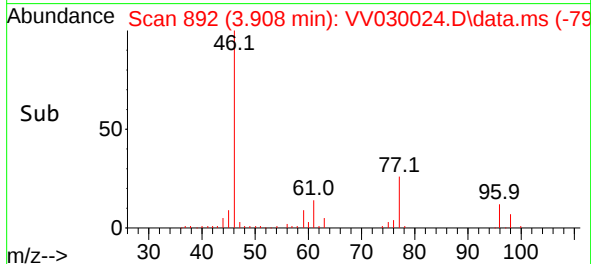
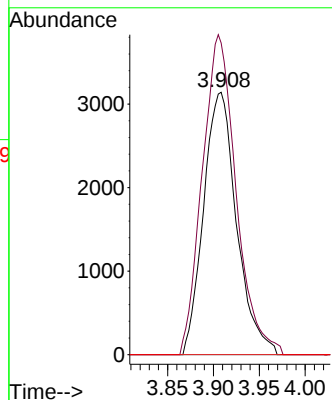
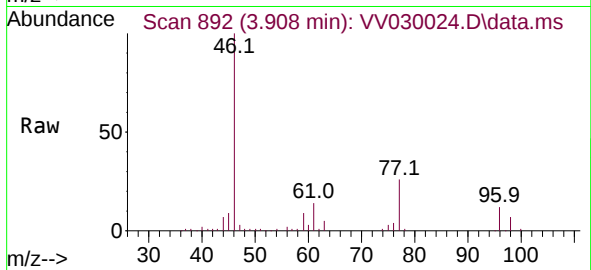




#22
 cis-1,2-Dichloroethene
 Concen: 0.403 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV030024.D
 Acq: 02 Feb 2023 15:30

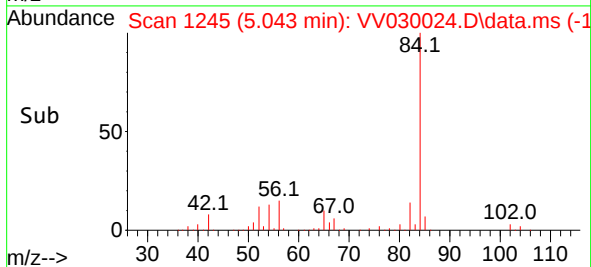
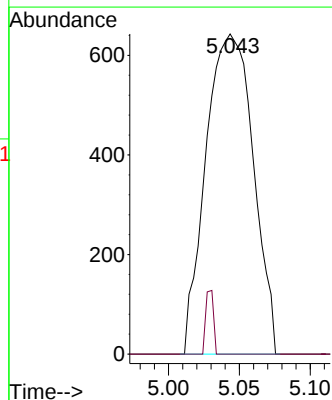
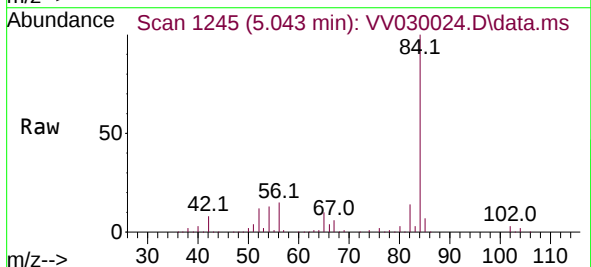
Instrument :
 MSVOA_V
 ClientSampleId :
 C1153

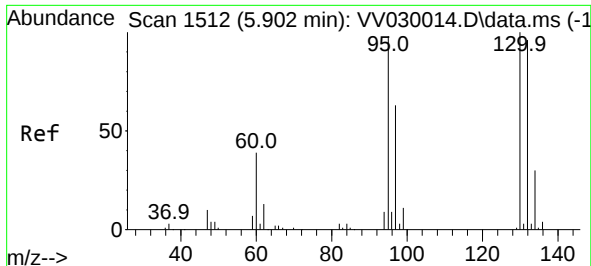
Tgt Ion: 96 Resp: 7869
 Ion Ratio Lower Upper
 96 100
 61 118.8 80.0 148.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.092 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.074 min
 Lab File: VV030024.D
 Acq: 02 Feb 2023 15:30

Tgt Ion: 62 Resp: 1498
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.9 13.3#





#34

Trichloroethene

Concen: 0.875 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030024.D

Acq: 02 Feb 2023 15:30

Instrument :

MSVOA_V

ClientSampleId :

C1153

Tgt Ion: 95 Resp: 15748

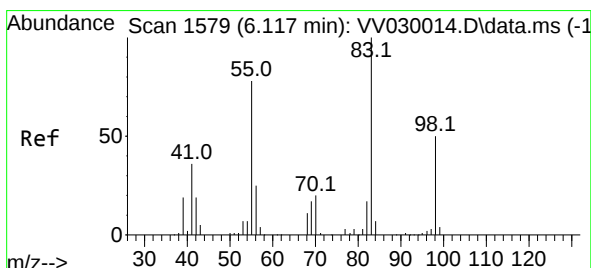
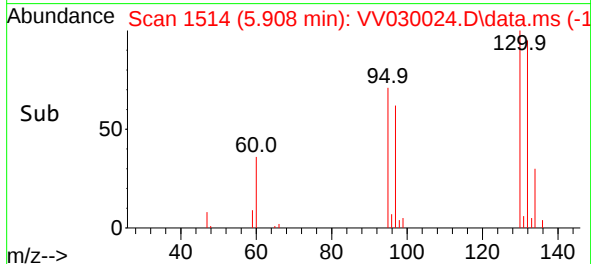
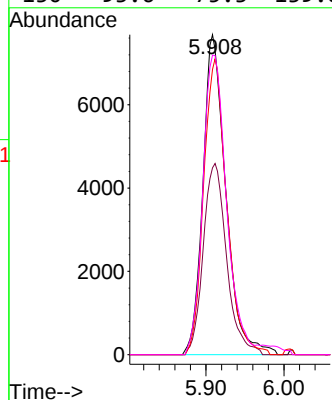
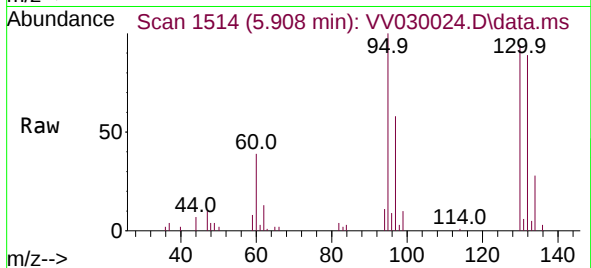
Ion Ratio Lower Upper

95 100

97 58.4 44.9 83.3

132 89.2 71.8 133.4

130 93.6 75.3 139.8



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.058 min

Lab File: VV030024.D

Acq: 02 Feb 2023 15:30

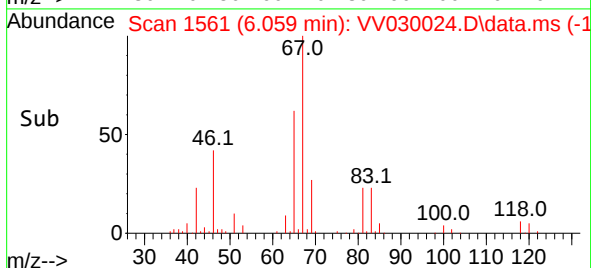
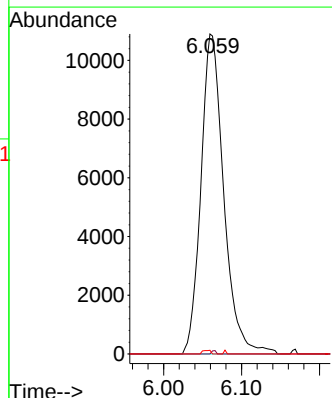
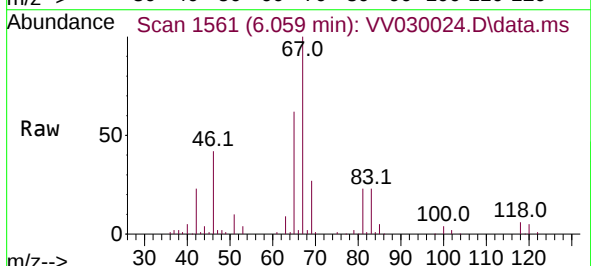
Tgt Ion: 83 Resp: 22168

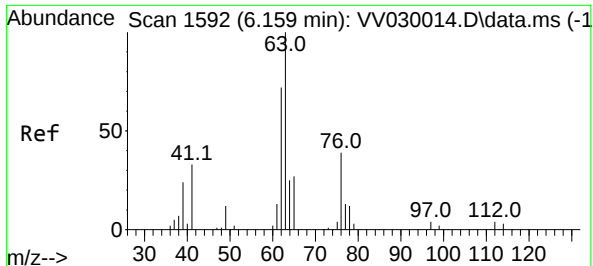
Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 0.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030024.D

Acq: 02 Feb 2023 15:30

Instrument :

MSVOA_V

ClientSampleId :

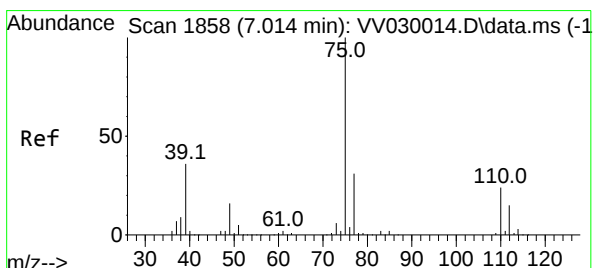
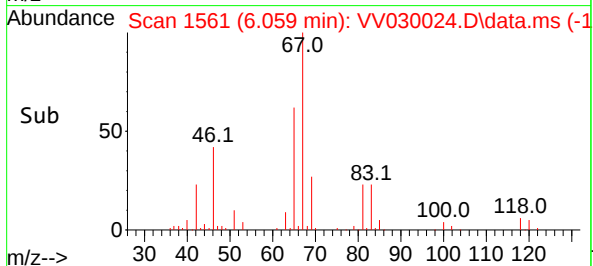
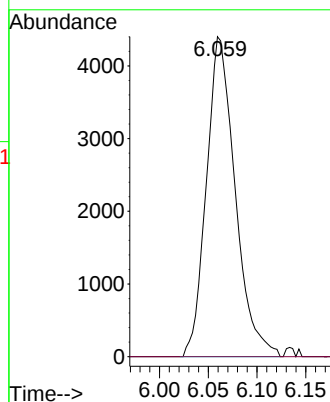
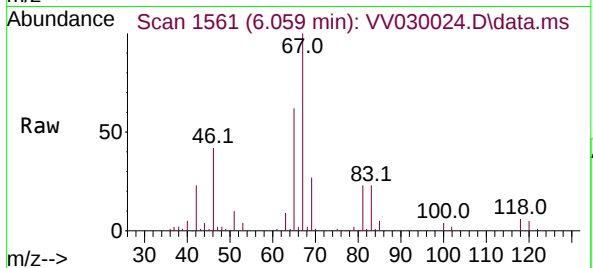
C1153

Tgt Ion: 63 Resp: 9044

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.035 min

Lab File: VV030024.D

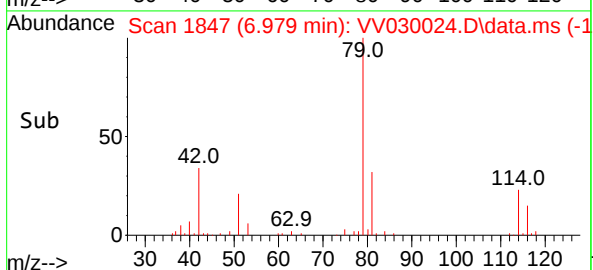
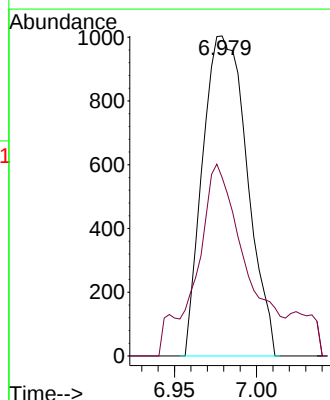
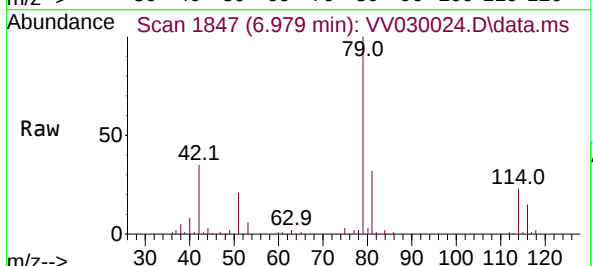
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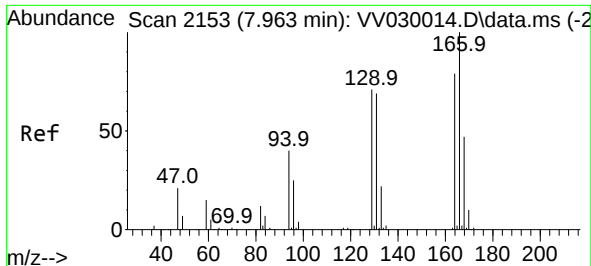
Tgt Ion: 75 Resp: 1887

Ion Ratio Lower Upper

75 100

77 55.8 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.478 ug/L

RT: 7.969 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VV030024.D

Acq: 02 Feb 2023 15:30

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MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 7254

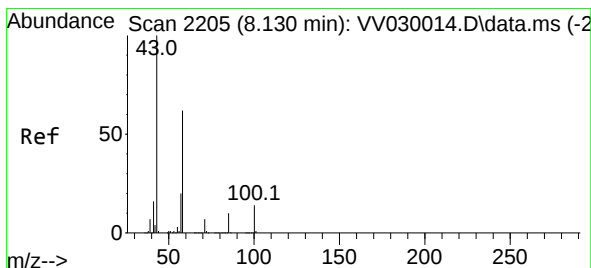
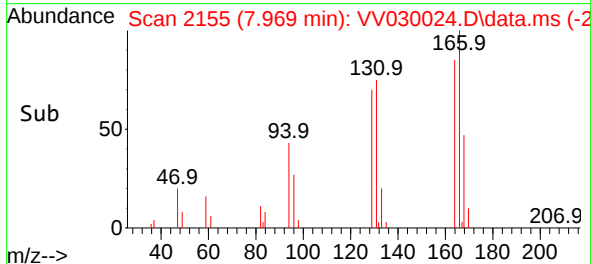
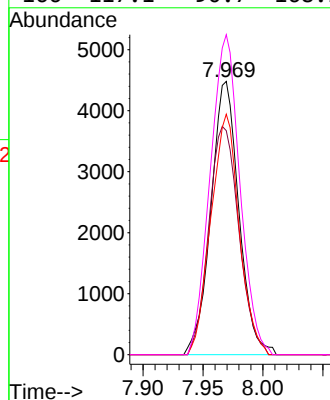
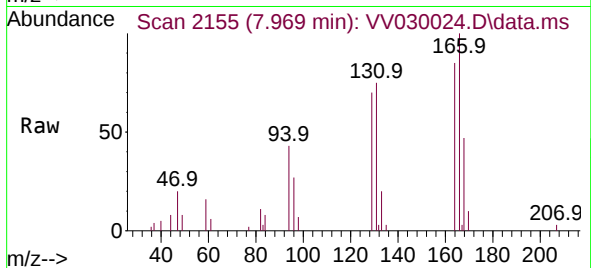
Ion Ratio Lower Upper

164 100

129 82.0 64.5 119.7

131 88.0 62.9 116.7

166 117.1 90.7 168.5



#48

2-Hexanone

Concen: 2.844 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.045 min

Lab File: VV030024.D

Acq: 02 Feb 2023 15:30

Tgt Ion: 43 Resp: 14433

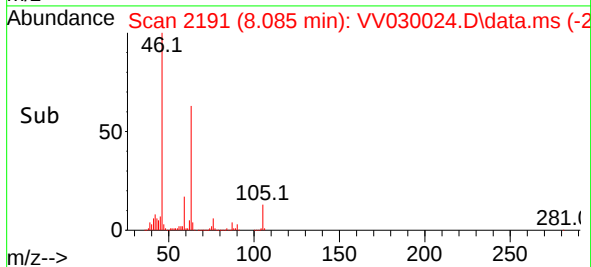
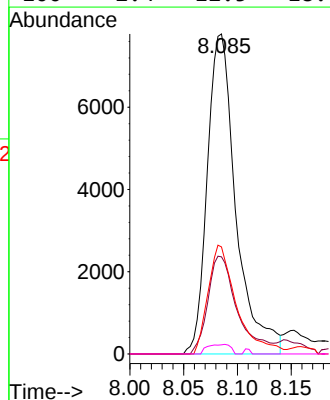
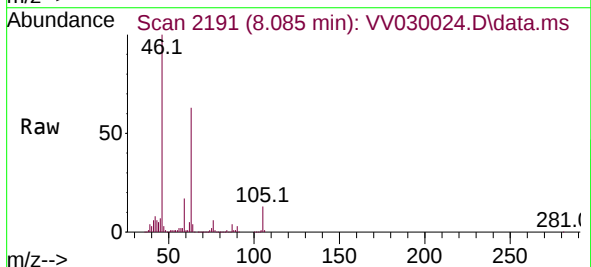
Ion Ratio Lower Upper

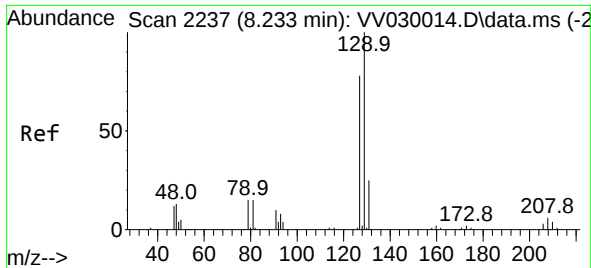
43 100

58 31.5 51.4 77.2#

57 33.7 17.0 25.6#

100 2.4 12.5 18.7#

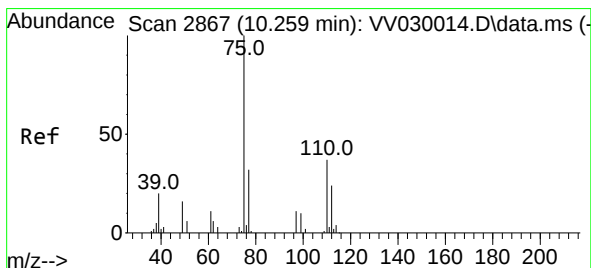
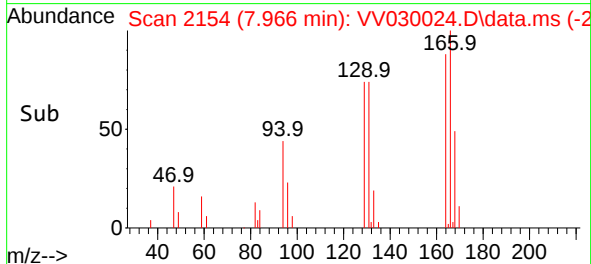
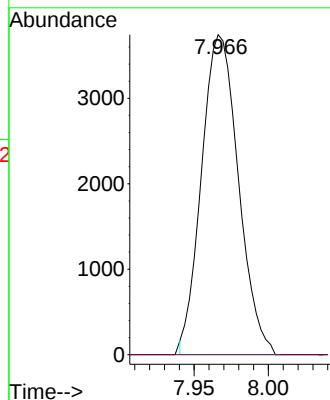
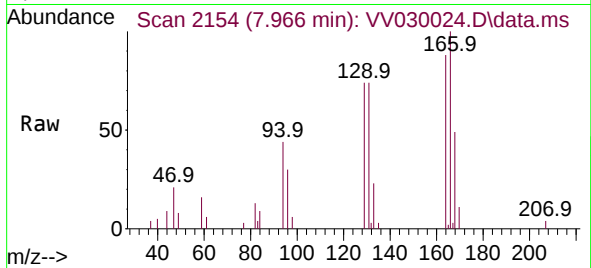




#49
Dibromochloromethane
Concen: 0.459 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.267 min
Lab File: VV030024.D
Acq: 02 Feb 2023 15:30

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Tgt Ion:129 Resp: 6465
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#61
1,2,3-Trichloropropane
Concen: 1.625 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.977 min
Lab File: VV030024.D
Acq: 02 Feb 2023 15:30

Tgt Ion: 75 Resp: 12935
Ion Ratio Lower Upper
75 100
77 30.4 26.5 39.7
110 2.3 31.8 47.8#

