

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030027.D
 Acq On : 02 Feb 2023 16:40
 Operator : SY/MD
 Sample : 01408-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C1155

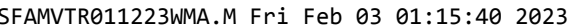
Quant Time: Feb 03 01:15:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

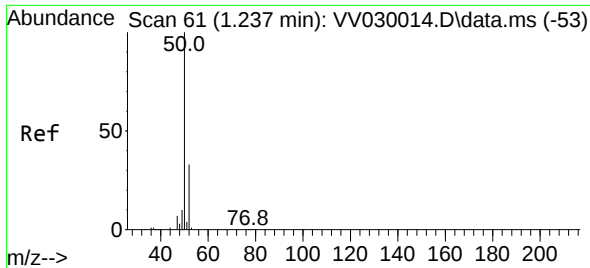
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	227717	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	218159	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	108984	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76265	4.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.564	69	74515	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.104	63	105337	3.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.886	46	164035	53.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.160%
24) Chloroform-d	4.339	84	142943	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	63422	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.043	84	300910	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.063	67	94534	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.310	98	251943	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.616	79	29646	4.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.082	63	146380	51.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	68559	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	94082	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2488	0.112	ug/L	99
13) Acetone	2.175	43	7049	3.226	ug/L	100
15) Methyl Acetate	2.175	43	6904	1.213	ug/L #	45
22) cis-1,2-Dichloroethene	3.912	96	10726	0.557	ug/L	98
34) Trichloroethene	5.911	95	18367	1.005	ug/L	98
35) Methylcyclohexane	6.063	83	22302	0.723	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9099	0.539	ug/L #	86
39) cis-1,3-Dichloropropene	6.979	75	1884	0.083	ug/L #	42
47) Tetrachloroethene	7.966	164	7967	0.518	ug/L	94
48) 2-Hexanone	8.082	43	14281	2.772	ug/L #	61
49) Dibromochloromethane	7.969	129	6988	0.489	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12966	1.607	ug/L #	65

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

Quant Time: Feb 03 01:15:32 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

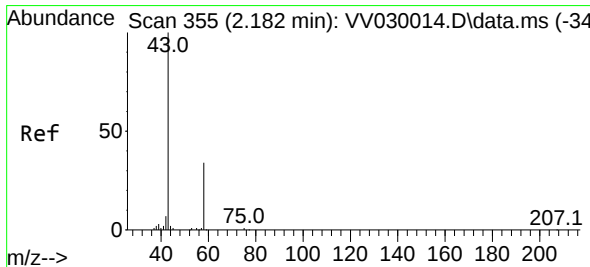
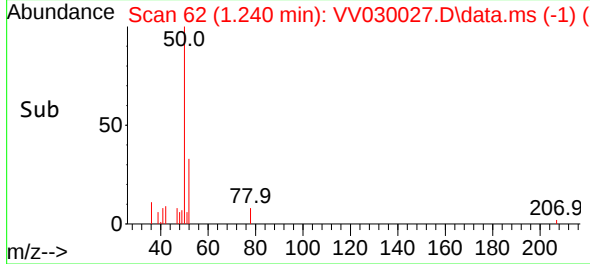
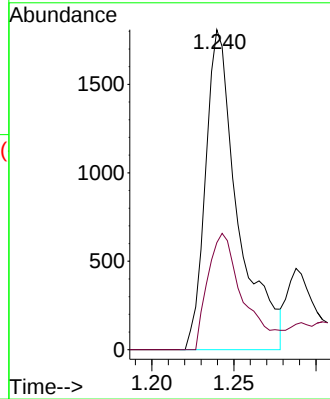
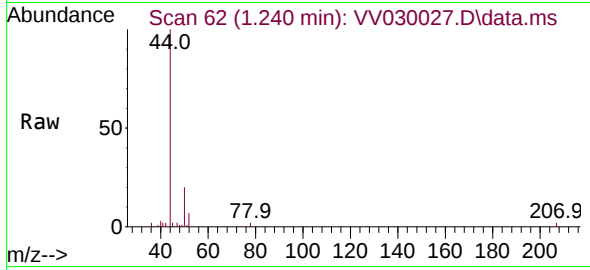




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV030027.D
Acq: 02 Feb 2023 16:40

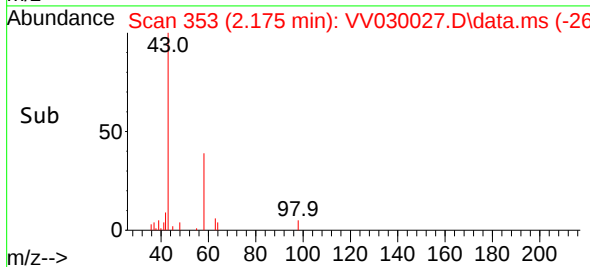
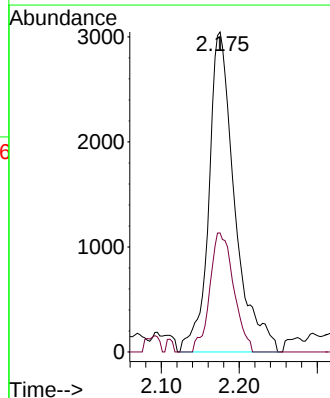
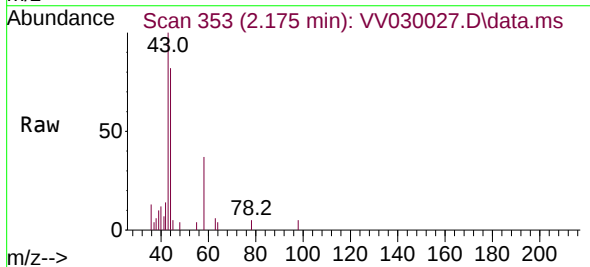
Instrument :
MSVOA_V
ClientSampleId :
C1155

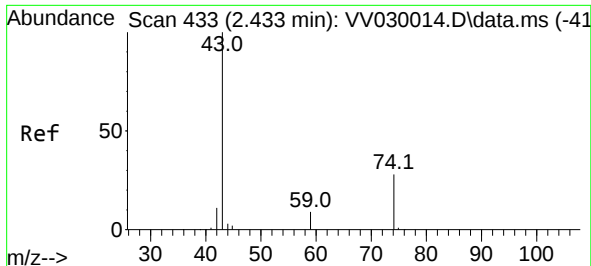
Tgt Ion: 50 Resp: 2488
Ion Ratio Lower Upper
50 100
52 33.4 23.1 42.9



#13
Acetone
Concen: 3.226 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.007 min
Lab File: VV030027.D
Acq: 02 Feb 2023 16:40

Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.8

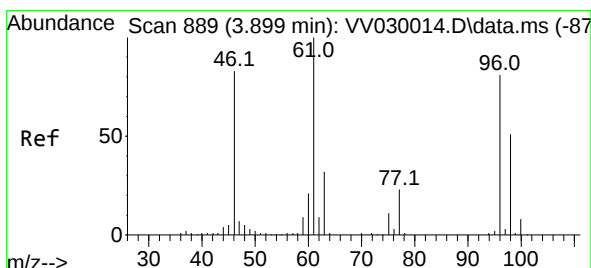
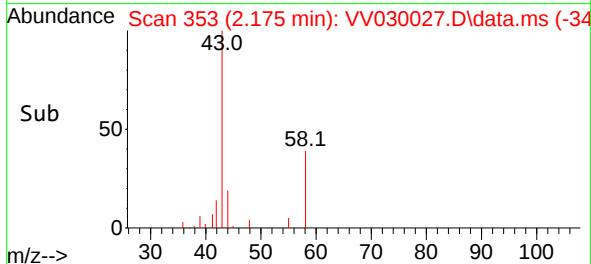
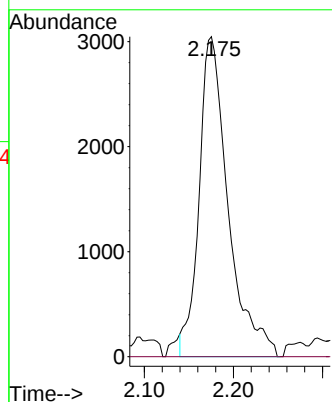
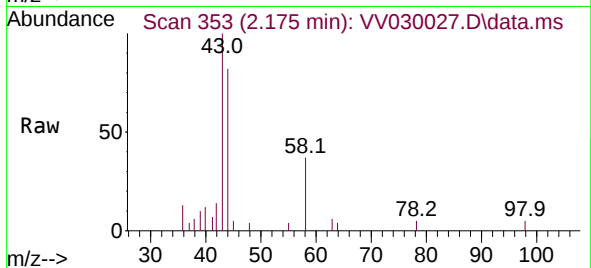




#15
Methyl Acetate
Concen: 1.213 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV030027.D
Acq: 02 Feb 2023 16:40

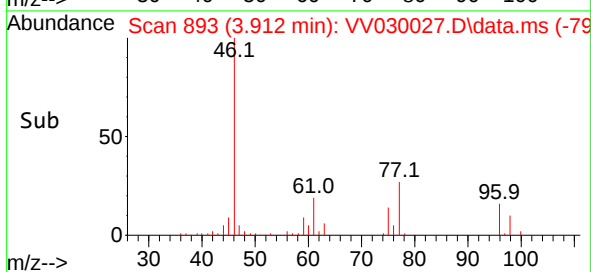
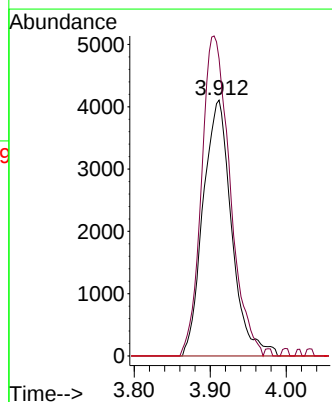
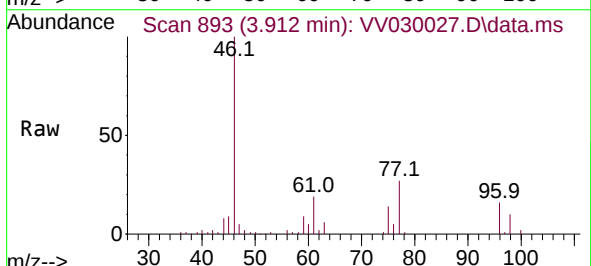
Instrument :
MSVOA_V
ClientSampleId :
C1155

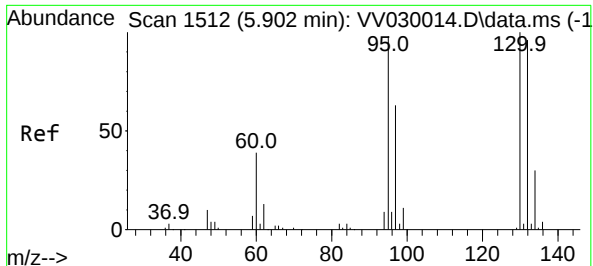
Tgt Ion: 43 Resp: 6904
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#22
cis-1,2-Dichloroethene
Concen: 0.557 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.013 min
Lab File: VV030027.D
Acq: 02 Feb 2023 16:40

Tgt Ion: 96 Resp: 10726
Ion Ratio Lower Upper
96 100
61 116.2 80.0 148.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.005 ug/L

RT: 5.911 min Scan# 11

Delta R.T. 0.009 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

C1155

Tgt Ion: 95 Resp: 18367

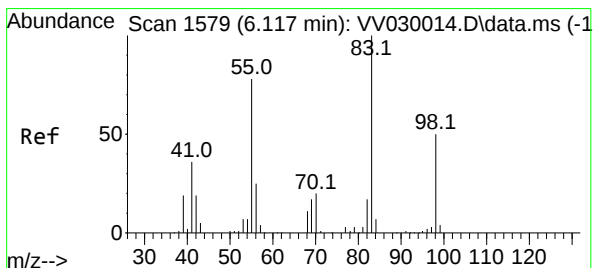
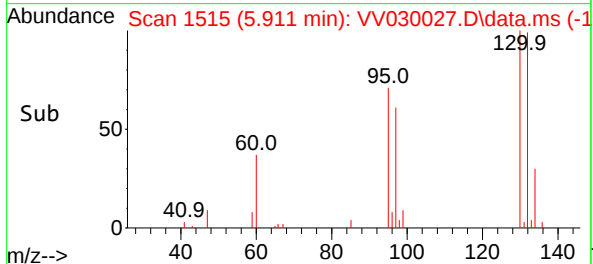
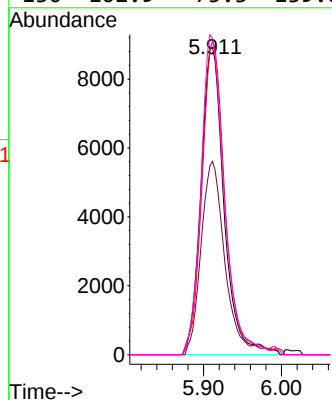
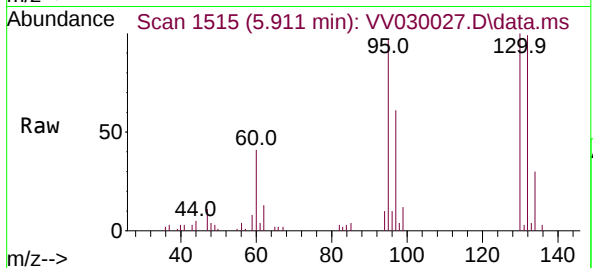
Ion Ratio Lower Upper

95 100

97 62.9 44.9 83.3

132 101.9 71.8 133.4

130 102.9 75.3 139.8



#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.055 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

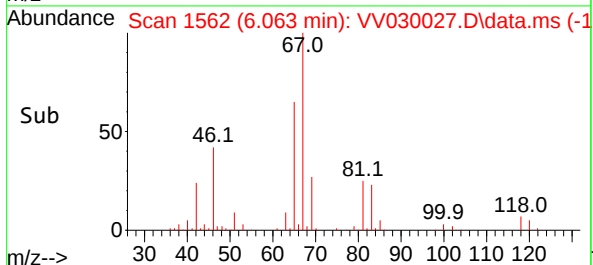
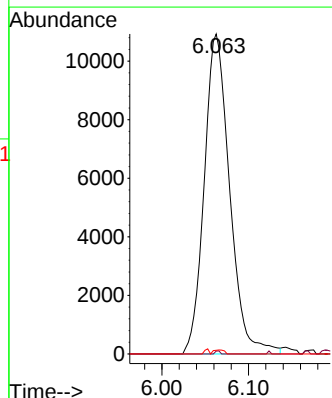
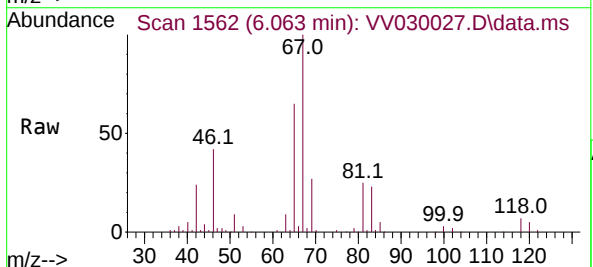
Tgt Ion: 83 Resp: 22302

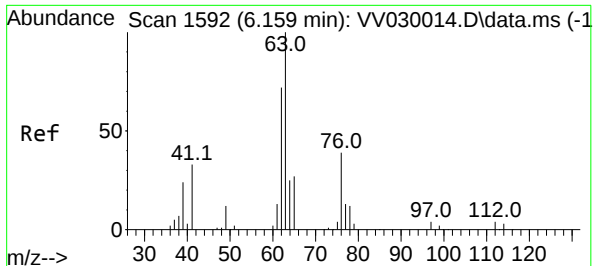
Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 0.5 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

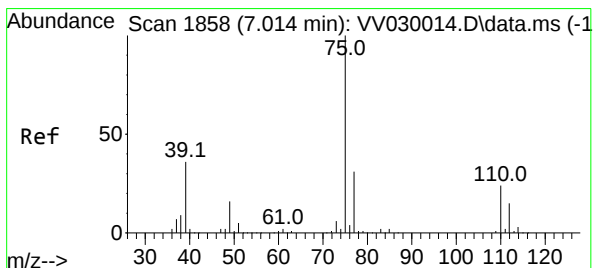
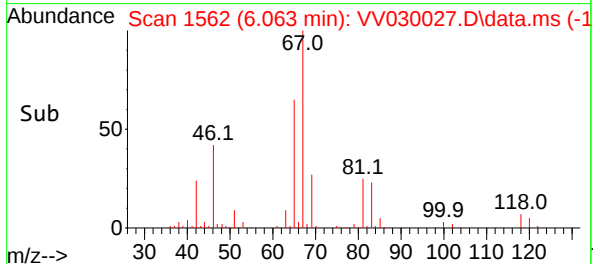
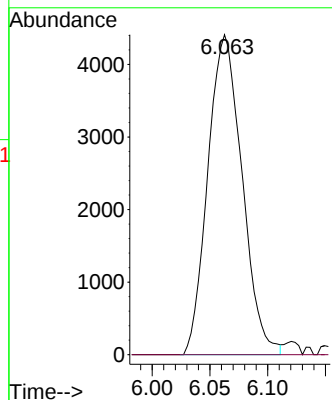
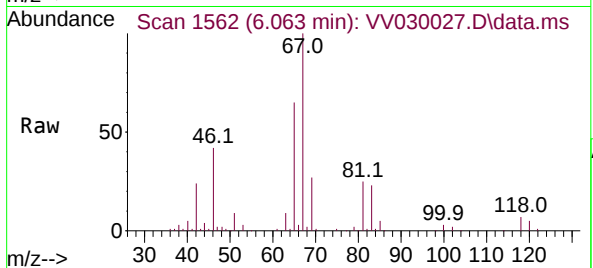
C1155

Tgt Ion: 63 Resp: 9099

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.036 min

Lab File: VV030027.D

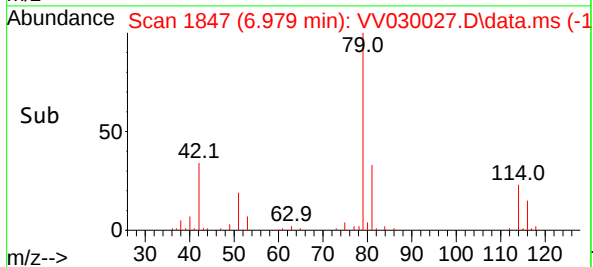
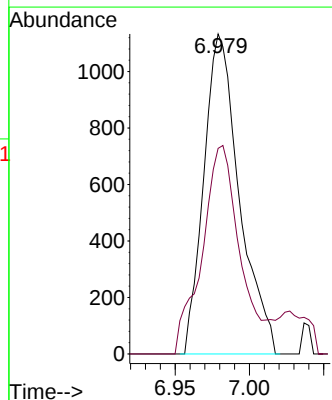
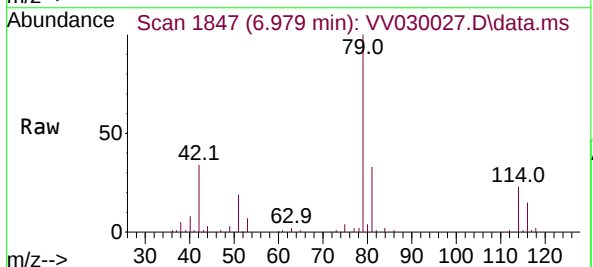
Acq: 02 Feb 2023 16:40

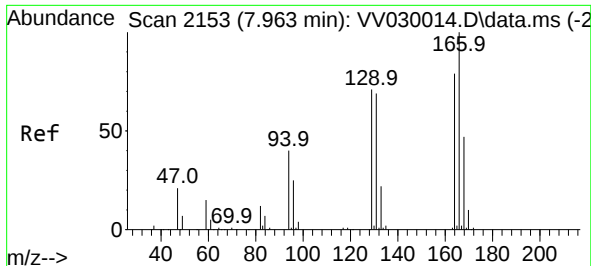
Tgt Ion: 75 Resp: 1884

Ion Ratio Lower Upper

75 100

77 64.3 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.518 ug/L

RT: 7.966 min Scan# 2153

Delta R.T. 0.003 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 7967

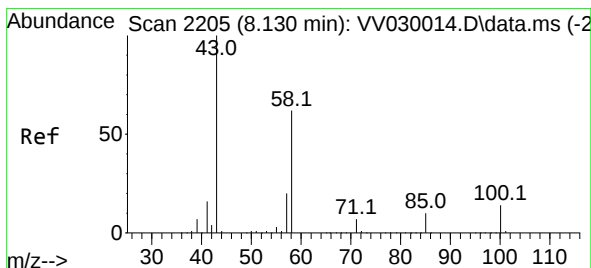
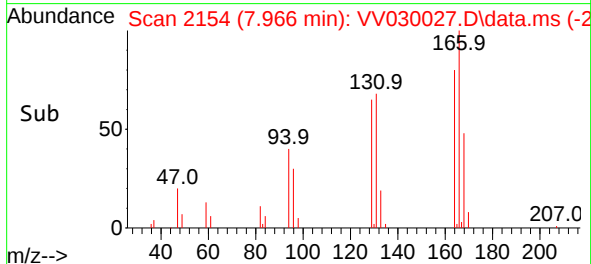
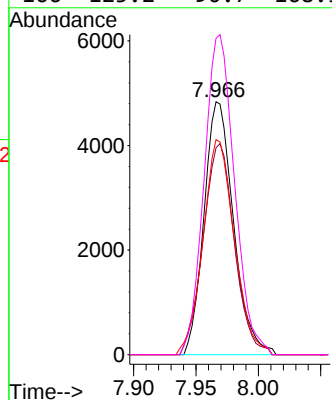
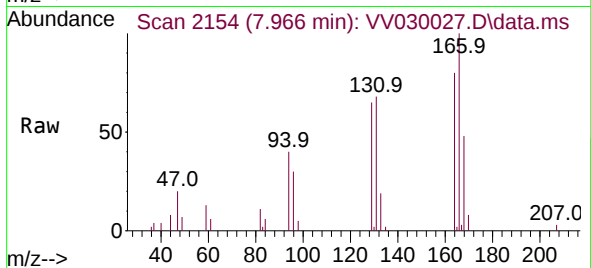
Ion Ratio Lower Upper

164 100

129 81.8 64.5 119.7

131 85.1 62.9 116.7

166 125.2 90.7 168.5



#48

2-Hexanone

Concen: 2.772 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.048 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Tgt Ion: 43 Resp: 14281

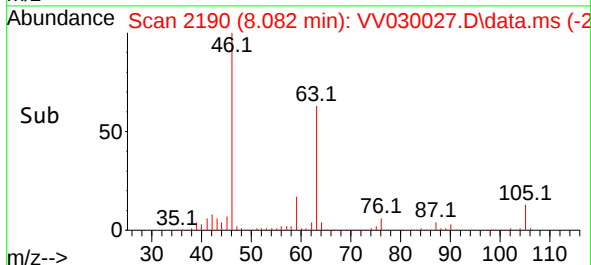
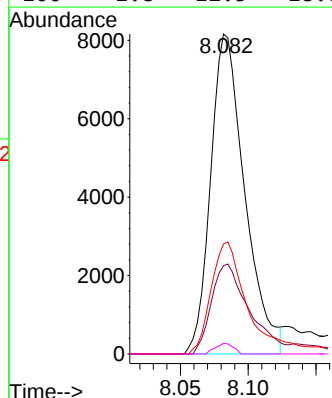
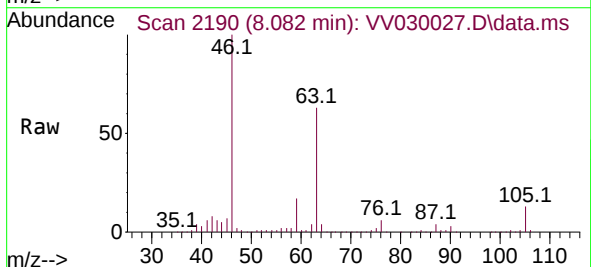
Ion Ratio Lower Upper

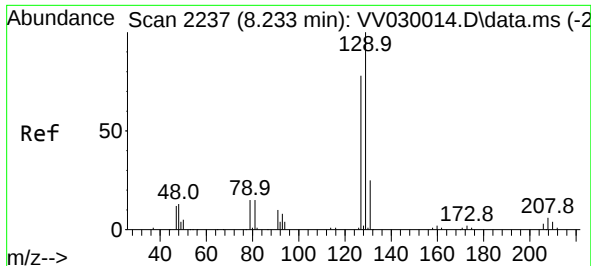
43 100

58 31.4 51.4 77.2#

57 38.5 17.0 25.6#

100 1.8 12.5 18.7#





#49

Dibromochloromethane

Concen: 0.489 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.264 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

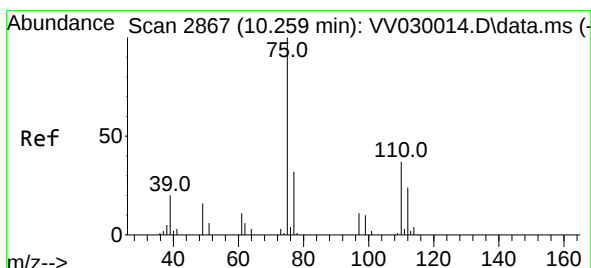
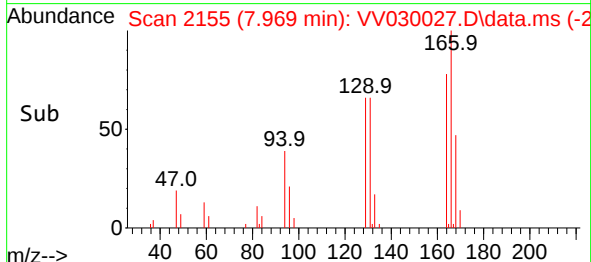
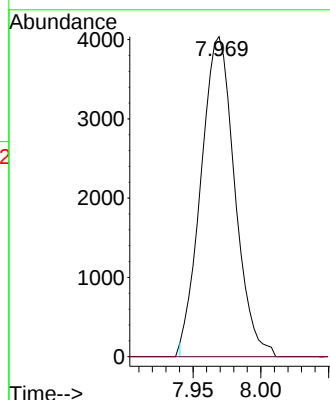
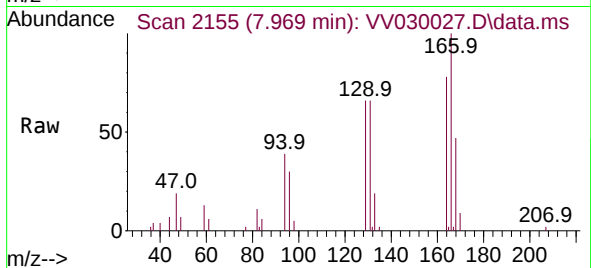
C1155

Tgt Ion:129 Resp: 6988

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.607 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.977 min

Lab File: VV030027.D

Acq: 02 Feb 2023 16:40

Tgt Ion: 75 Resp: 12966

Ion Ratio Lower Upper

75 100

77 31.1 26.5 39.7

110 2.4 31.8 47.8#

