

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
 Data File : VV024918.D
 Acq On : 10 Mar 2022 16:08
 Operator : SY/MD
 Sample : N1855-18
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D47

Quant Time: Mar 11 02:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 02:45:24 2022
 Response via : Initial Calibration

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

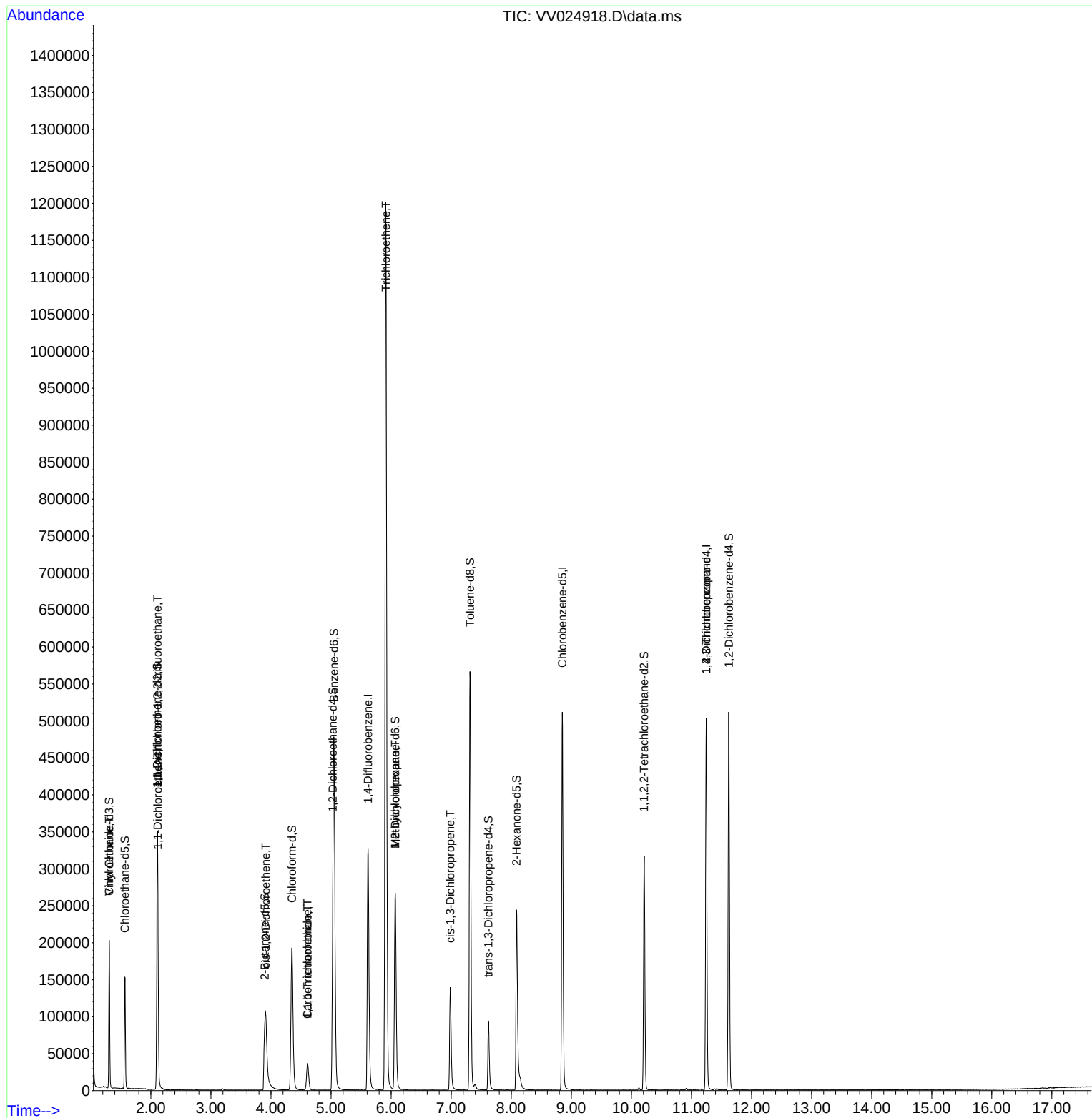
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	290484	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	284796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	125960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	125487	42.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.980%
7) Chloroethane-d5	1.568	69	97533	42.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.180%
11) 1,1-Dichloroethene-d2	2.108	63	170906	34.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.940%
21) 2-Butanone-d5	3.896	46	131794	78.405	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.410%
24) Chloroform-d	4.349	84	205695	39.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.780%
26) 1,2-Dichloroethane-d4	5.031	65	124656	40.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.960%
32) Benzene-d6	5.050	84	438435	41.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	6.069	67	137465	41.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.600%
41) Toluene-d8	7.313	98	383731	41.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.060%
43) trans-1,3-Dichloroprop...	7.619	79	55149	38.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.180%
47) 2-Hexanone-d5	8.088	63	89934	72.041	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	157896	40.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	126273	43.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
Target Compounds						Qvalue
8) Chloroethane	1.307	64	1630	0.955	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1599	0.724	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	25829	12.013	ug/L #	1
20) cis-1,2-Dichloroethene	3.912	96	33525	13.319	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	30306	8.081	ug/L	100
31) Carbon tetrachloride	4.609	117	3812	1.196	ug/L	94
34) Trichloroethene	5.912	95	432675	164.213	ug/L	100
35) Methylcyclohexane	6.069	83	31747	7.942	ug/L #	21
39) cis-1,3-Dichloropropene	6.985	75	3575	0.985	ug/L #	65
61) 1,2,3-Trichloropropane	11.246	75	16890	6.701	ug/L #	66

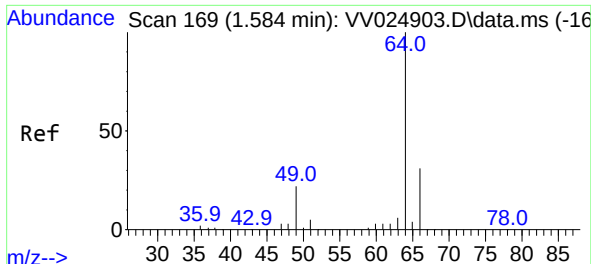
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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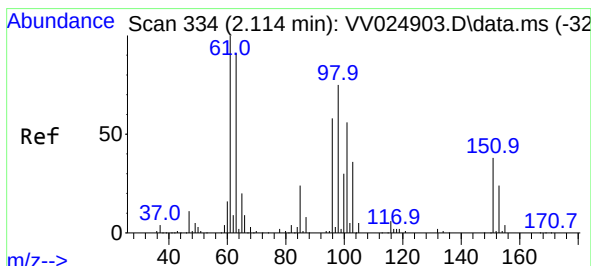
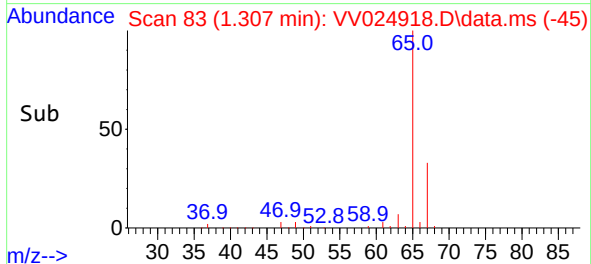
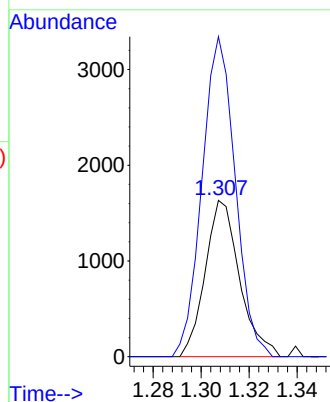
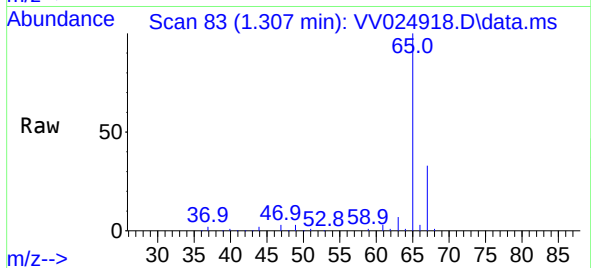




#8
Chloroethane
Concen: 0.955 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV024918.D
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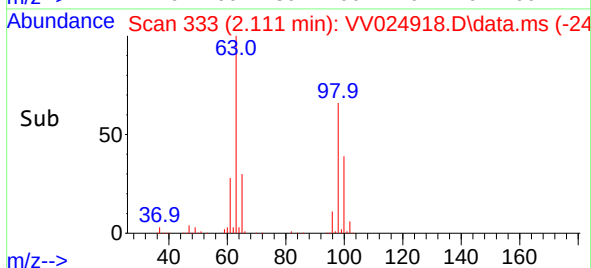
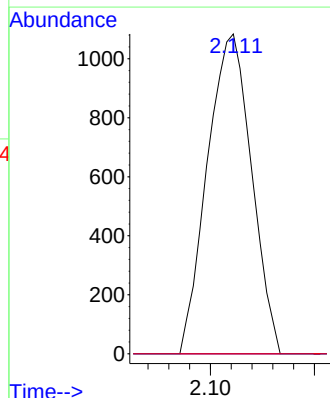
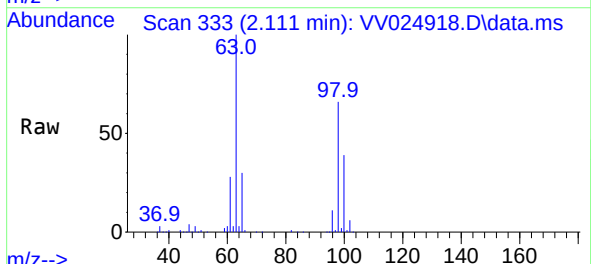
Instrument :
MSVOA_V
ClientSampleId :
C0D47

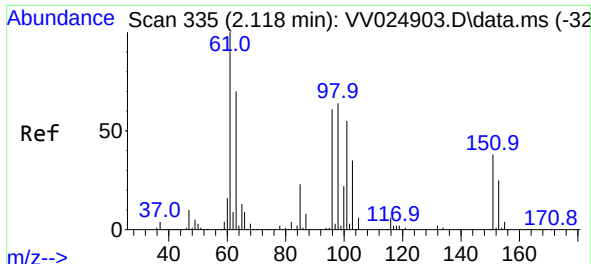
Tgt Ion: 64 Resp: 1630
Ion Ratio Lower Upper
64 100
66 204.6 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.724 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV024918.D
Acq: 10 Mar 2022 16:08

Tgt Ion: 101 Resp: 1599
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 0.0 54.1 81.1#





#12

1,1-Dichloroethene

Concen: 12.013 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024918.D

Acq: 10 Mar 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0D47

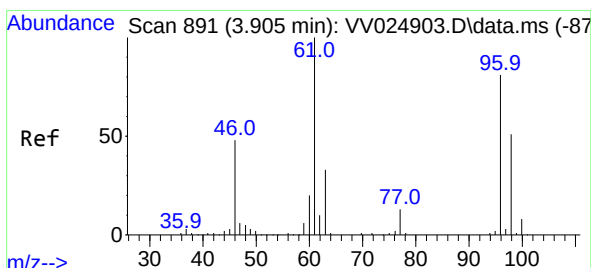
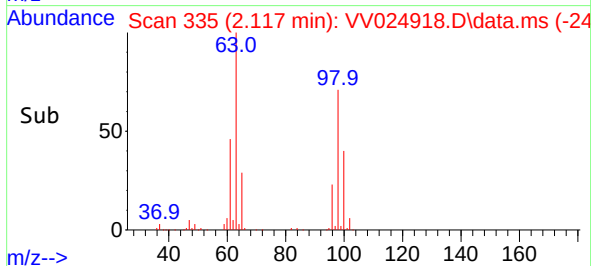
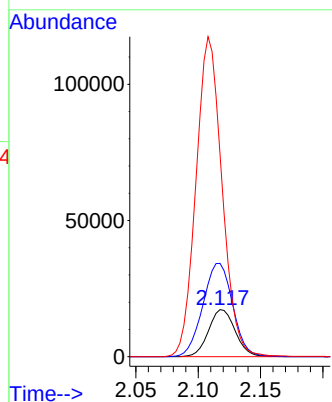
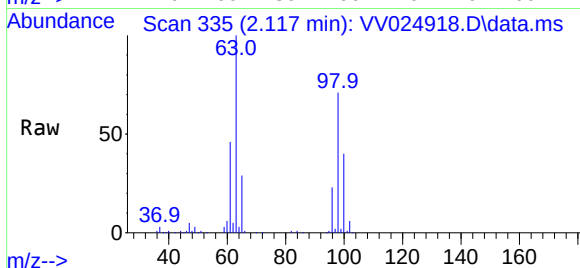
Tgt Ion: 96 Resp: 25829

Ion Ratio Lower Upper

96 100

61 198.0 117.6 218.4

63 429.2 105.3 195.5#



#20

cis-1,2-Dichloroethene

Concen: 13.319 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV024918.D

Acq: 10 Mar 2022 16:08

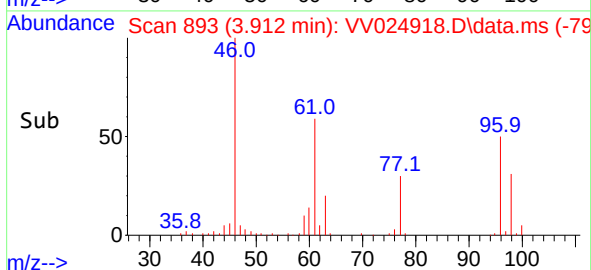
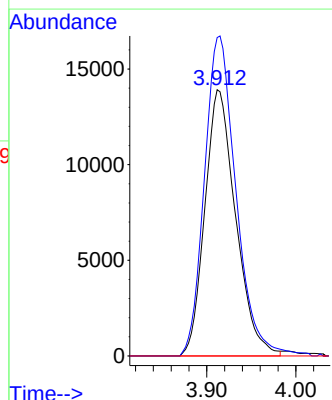
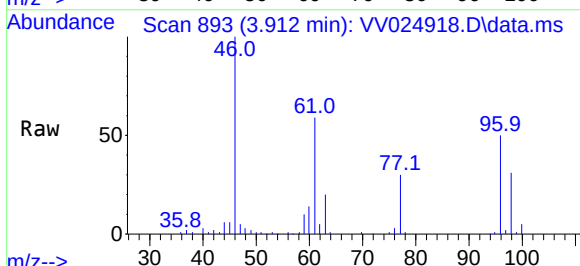
Tgt Ion: 96 Resp: 33525

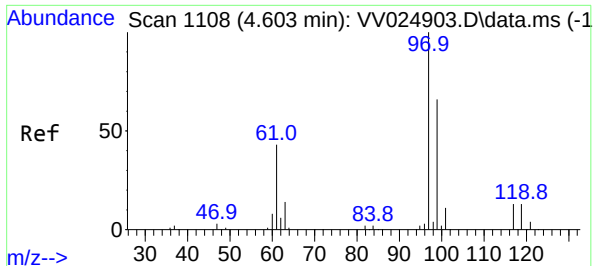
Ion Ratio Lower Upper

96 100

61 119.6 86.1 159.9

68 0.0 0.0 0.0

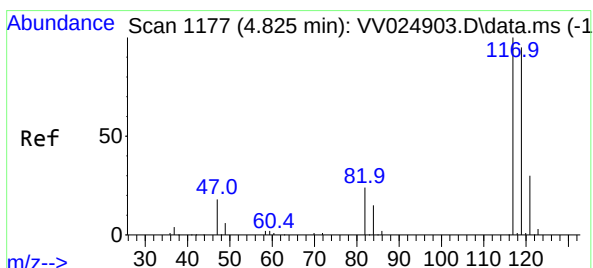
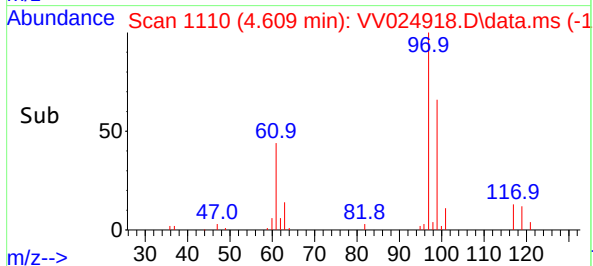
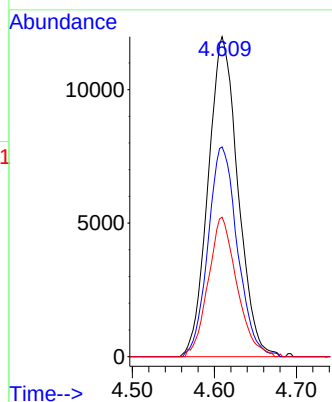
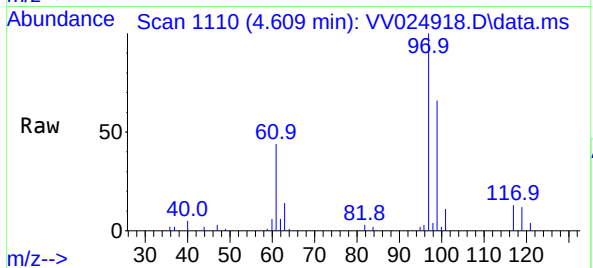




#30
1,1,1-Trichloroethane
Concen: 8.081 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV024918.D
Acq: 10 Mar 2022 16:08

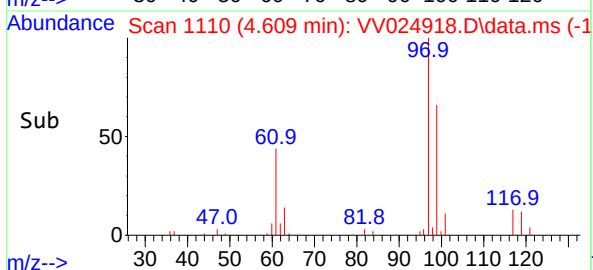
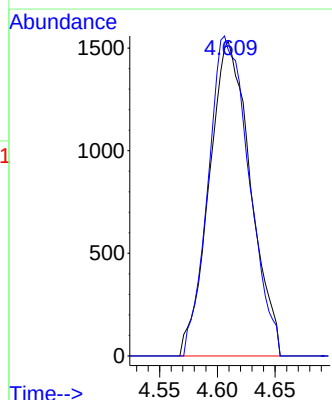
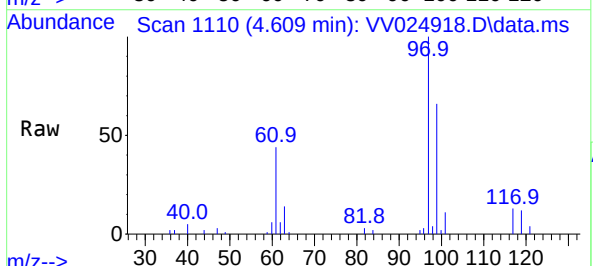
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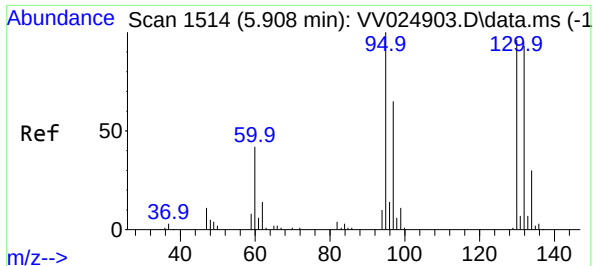
Tgt Ion: 97 Resp: 30306
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 42.0 33.8 50.8



#31
Carbon tetrachloride
Concen: 1.196 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.216 min
Lab File: VV024918.D
Acq: 10 Mar 2022 16:08

Tgt Ion: 117 Resp: 3812
Ion Ratio Lower Upper
117 100
119 100.6 75.8 113.8

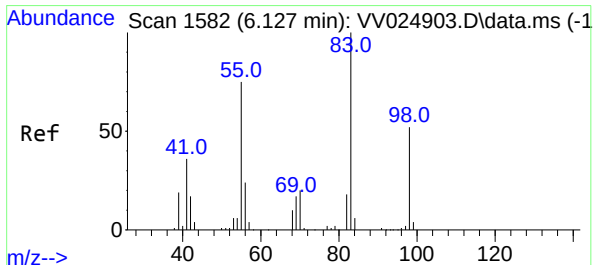
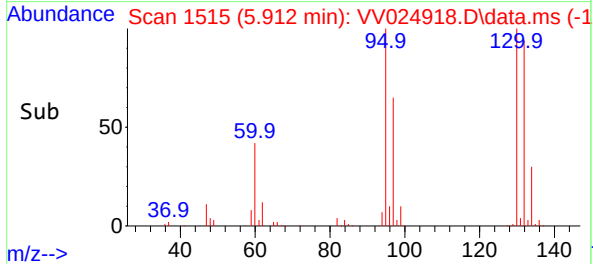
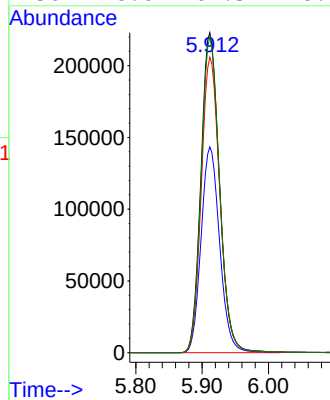
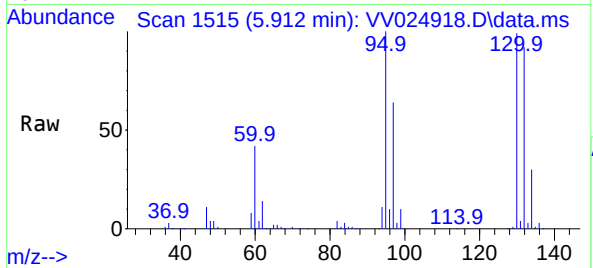




#34
Trichloroethene
Concen: 164.213 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024918.D
Acq: 10 Mar 2022 16:08

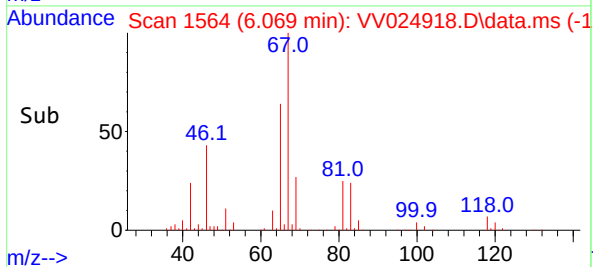
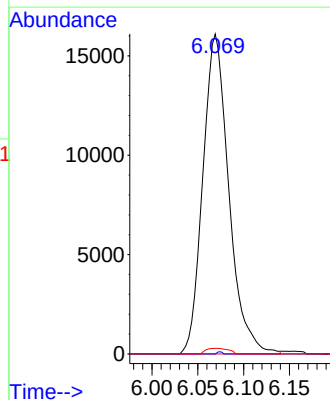
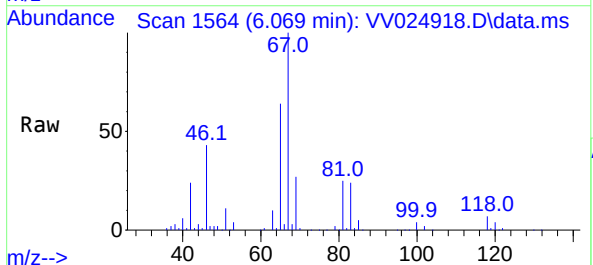
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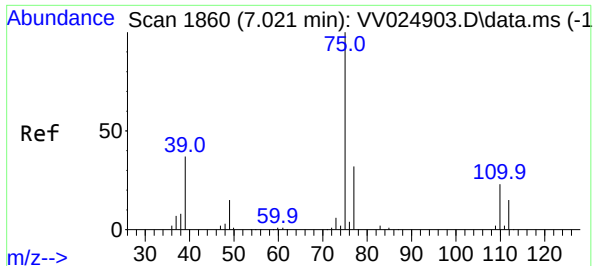
Tgt Ion: 95 Resp: 432675
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 92.4 65.0 120.6
130 98.6 69.3 128.7



#35
Methylcyclohexane
Concen: 7.942 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024918.D
Acq: 10 Mar 2022 16:08

Tgt Ion: 83 Resp: 31747
Ion Ratio Lower Upper
83 100
55 0.1 57.7 86.5#
98 1.5 38.9 58.3#





#39

cis-1,3-Dichloropropene

Concen: 0.985 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024918.D

Acq: 10 Mar 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

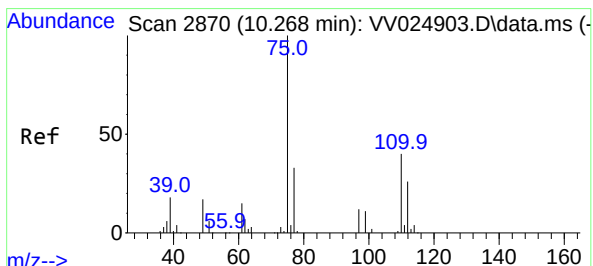
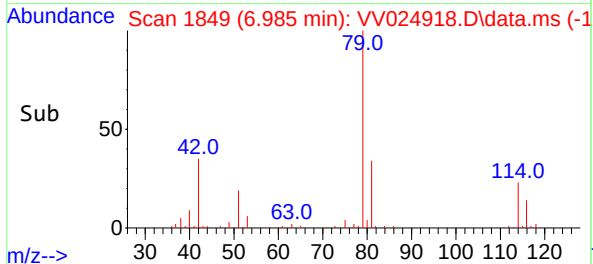
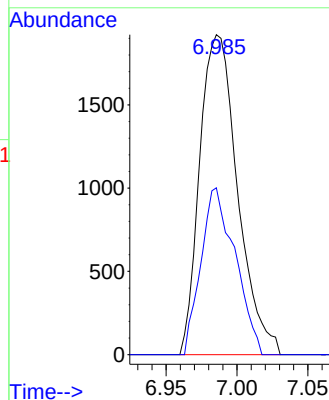
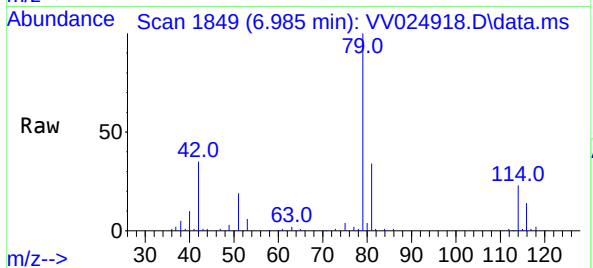
C0D47

Tgt Ion: 75 Resp: 3575

Ion Ratio Lower Upper

75 100

77 52.1 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.701 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV024918.D

Acq: 10 Mar 2022 16:08

Tgt Ion: 75 Resp: 16890

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

110 2.3 31.4 47.2#

