

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024948.D
 Acq On : 11 Mar 2022 04:50
 Operator : SY/MD
 Sample : N1856-18
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D76

Quant Time: Mar 11 05:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

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

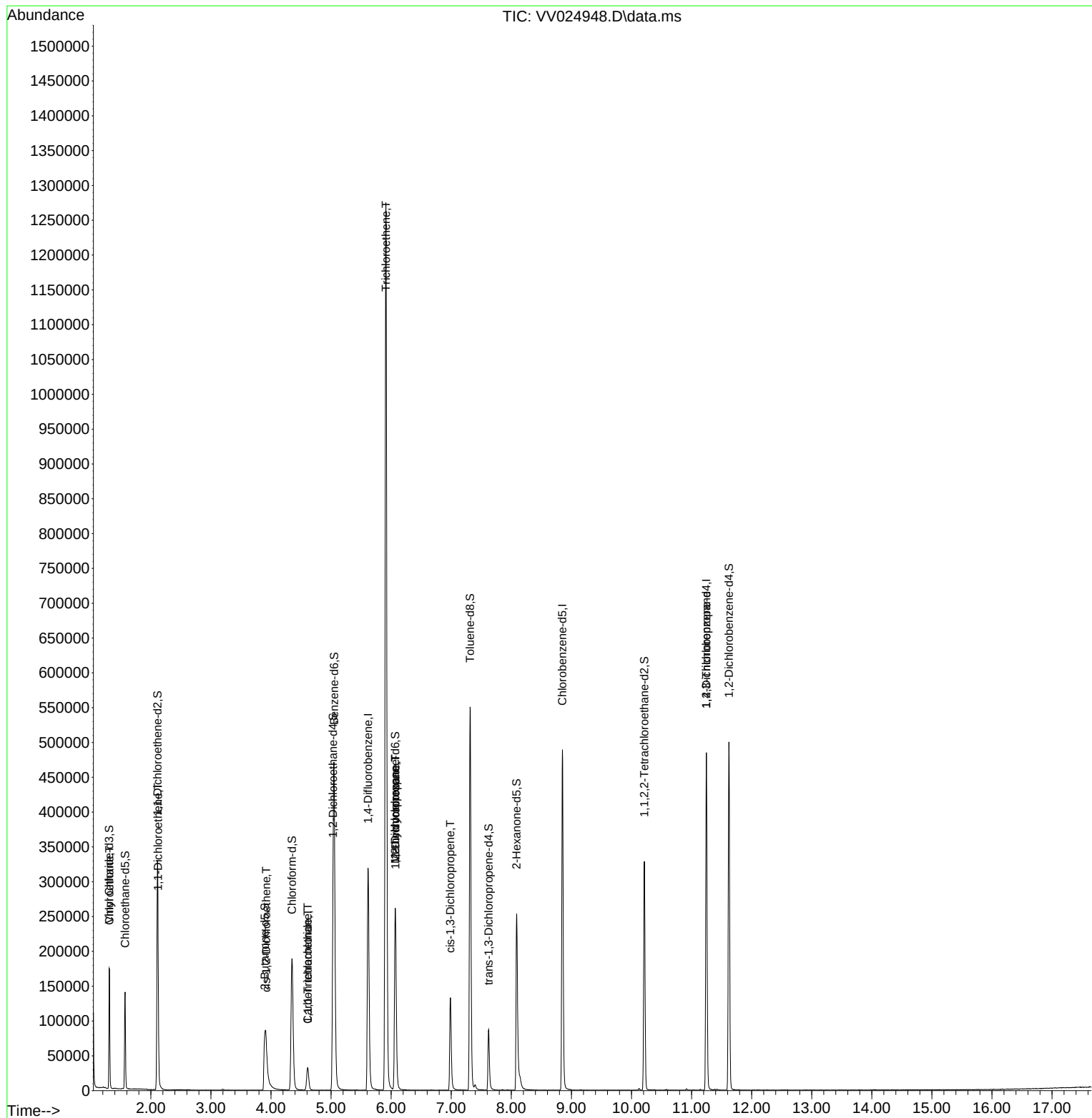
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	284834	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	277441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	122104	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	110434	38.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.260%
7) Chloroethane-d5	1.571	69	90355	39.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	2.111	63	162213	33.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.740%
21) 2-Butanone-d5	3.896	46	138368	83.949	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.950%
24) Chloroform-d	4.349	84	203598	40.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.540%
26) 1,2-Dichloroethane-d4	5.031	65	124982	41.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
32) Benzene-d6	5.050	84	430570	41.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
36) 1,2-Dichloropropane-d6	6.069	67	136825	42.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.420%
41) Toluene-d8	7.313	98	371112	40.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	7.622	79	54219	38.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.900%
47) 2-Hexanone-d5	8.088	63	93809	77.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	164336	43.244	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.480%
66) 1,2-Dichlorobenzene-d4	11.622	152	125560	44.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.280%
Target Compounds						Qvalue
8) Chloroethane	1.310	64	1382	0.826	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	27551	13.068	ug/L #	35
20) cis-1,2-Dichloroethene	3.918	96	19090	7.734	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	27203	7.446	ug/L	100
31) Carbon tetrachloride	4.613	117	3501	1.127	ug/L	99
34) Trichloroethene	5.912	95	457141	178.098	ug/L	99
35) Methylcyclohexane	6.069	83	32212	8.272	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	13908	5.919	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	3363	0.951	ug/L #	57
61) 1,2,3-Trichloropropane	11.246	75	15271	6.250	ug/L #	66

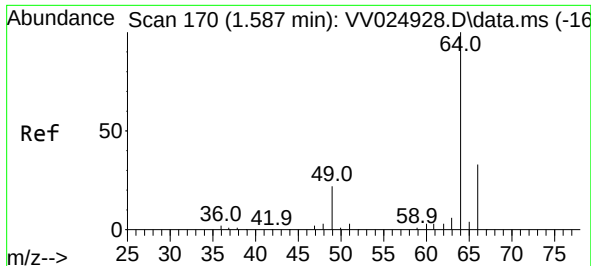
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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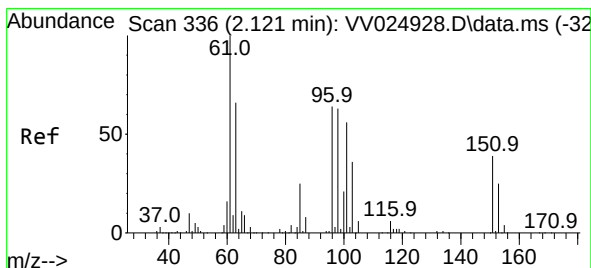
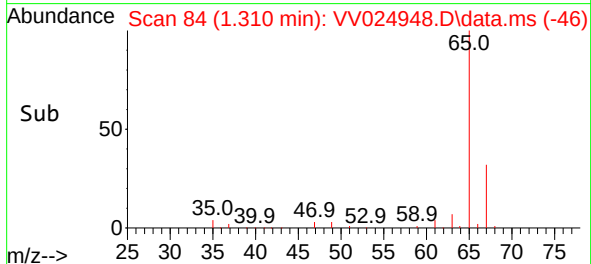
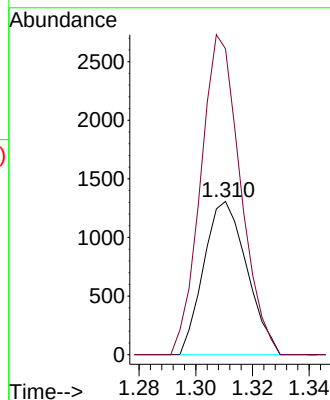
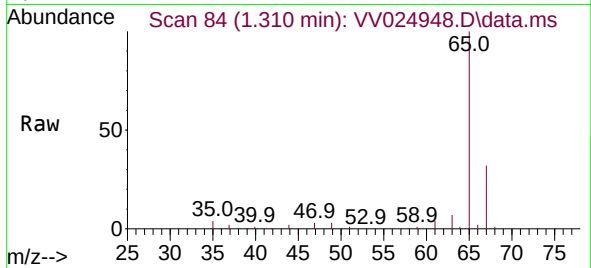




#8
Chloroethane
Concen: 0.826 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV024948.D
Acq: 11 Mar 2022 04:50

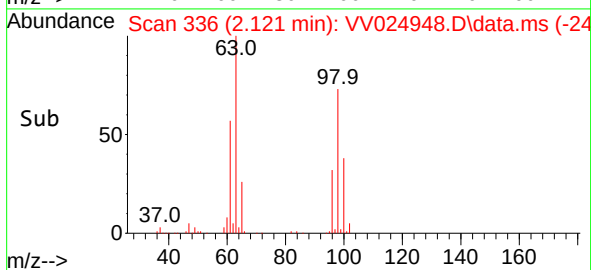
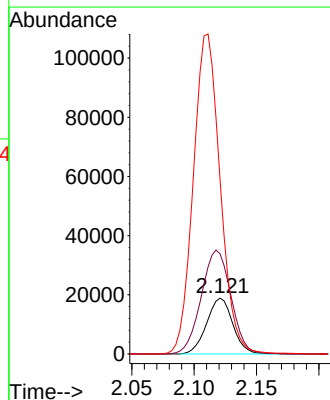
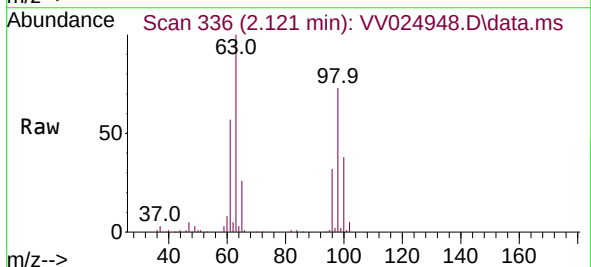
Instrument :
MSVOA_V
ClientSampleId :
C0D76

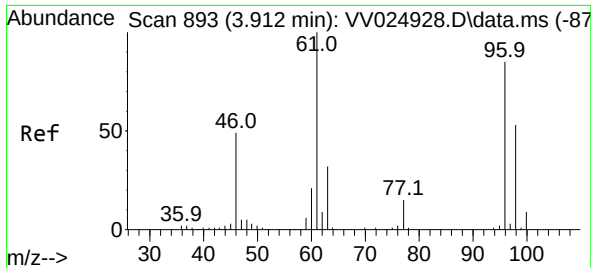
Tgt Ion: 64 Resp: 1382
Ion Ratio Lower Upper
64 100
66 199.7 22.2 41.2#



#12
1,1-Dichloroethene
Concen: 13.068 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024948.D
Acq: 11 Mar 2022 04:50

Tgt Ion: 96 Resp: 27551
Ion Ratio Lower Upper
96 100
61 179.4 117.6 218.4
63 312.4 105.3 195.5#

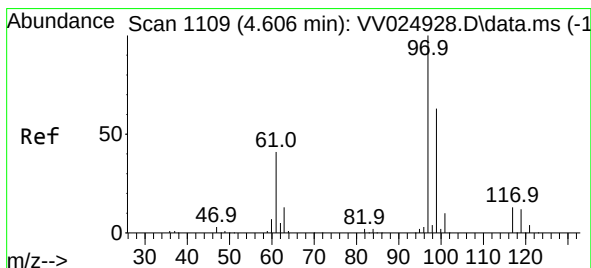
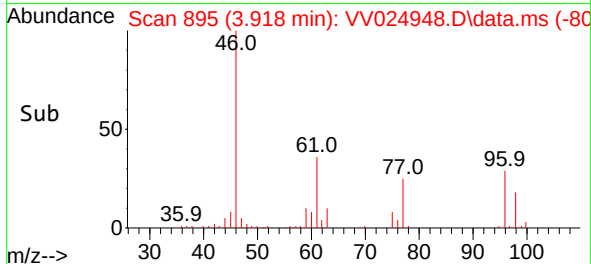
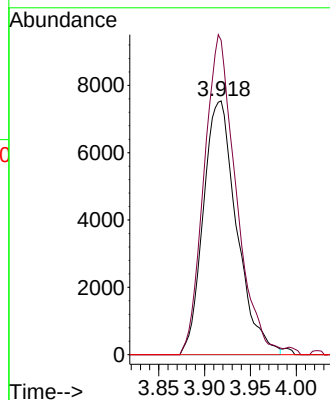
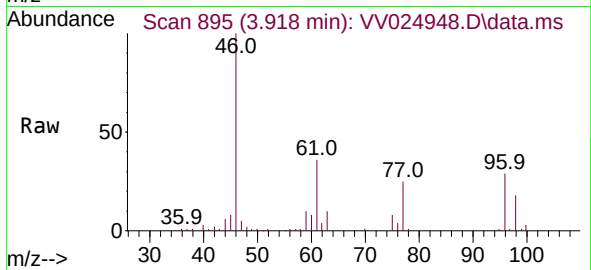




#20
 cis-1,2-Dichloroethene
 Concen: 7.734 ug/L
 RT: 3.918 min Scan# 893
 Delta R.T. 0.007 min
 Lab File: VV024948.D
 Acq: 11 Mar 2022 04:50

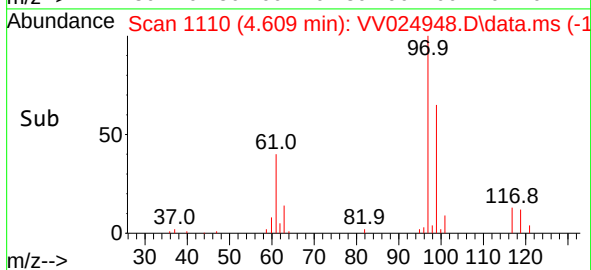
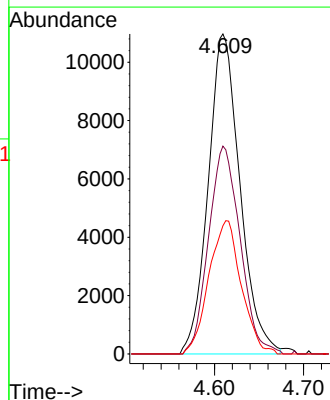
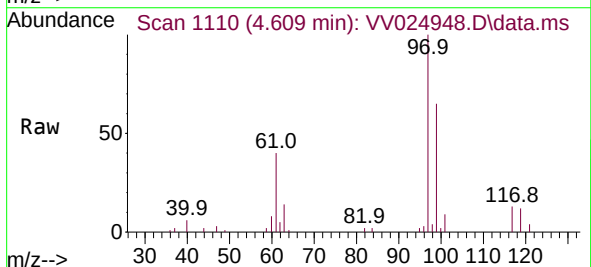
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D76

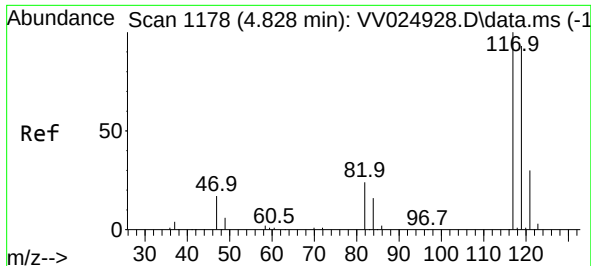
Tgt Ion: 96 Resp: 19090
 Ion Ratio Lower Upper
 96 100
 61 123.8 86.1 159.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 7.446 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.003 min
 Lab File: VV024948.D
 Acq: 11 Mar 2022 04:50

Tgt Ion: 97 Resp: 27203
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 42.4 33.8 50.8

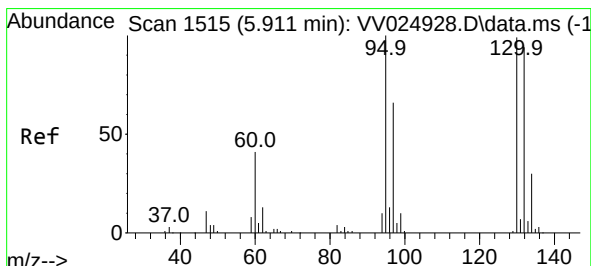
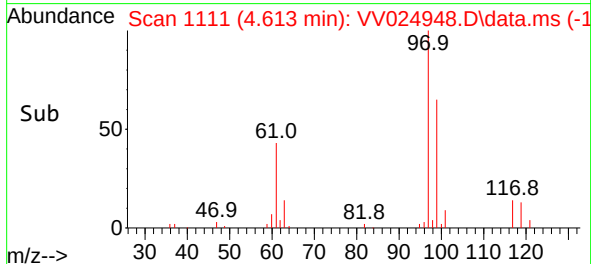
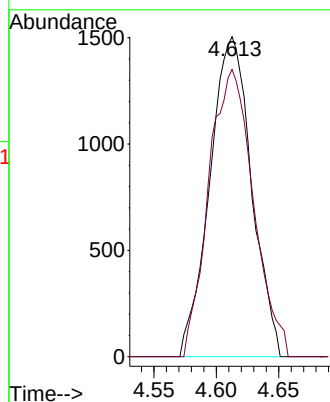
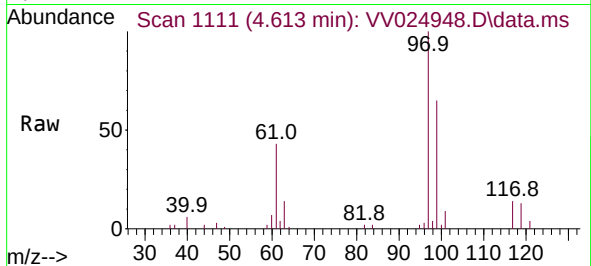




#31
Carbon tetrachloride
Concen: 1.127 ug/L
RT: 4.613 min Scan# 1178
Delta R.T. -0.215 min
Lab File: VV024948.D
Acq: 11 Mar 2022 04:50

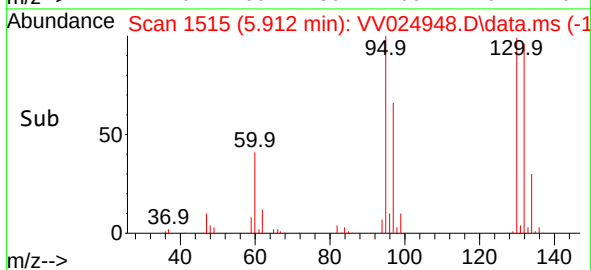
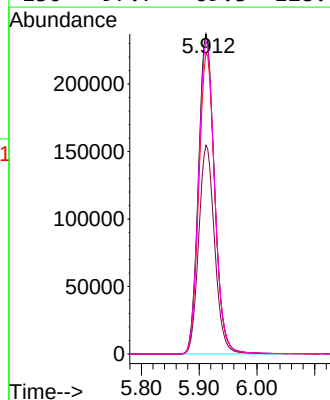
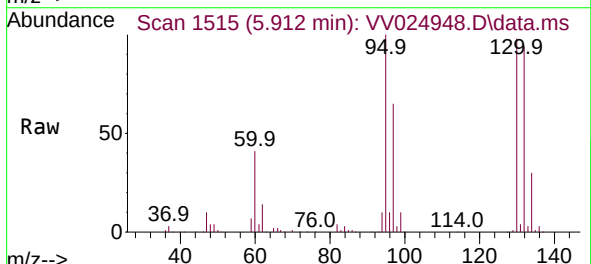
Instrument :
MSVOA_V
ClientSampleId :
C0D76

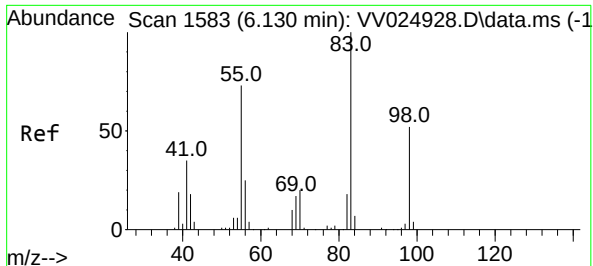
Tgt Ion:117 Resp: 3501
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#34
Trichloroethene
Concen: 178.098 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024948.D
Acq: 11 Mar 2022 04:50

Tgt Ion: 95 Resp: 457141
Ion Ratio Lower Upper
95 100
97 65.2 45.3 84.1
132 94.0 65.0 120.6
130 97.7 69.3 128.7





#35

Methylcyclohexane

Concen: 8.272 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024948.D

Acq: 11 Mar 2022 04:50

Instrument :

MSVOA_V

ClientSampleId :

C0D76

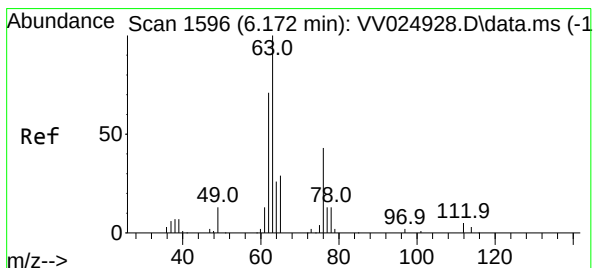
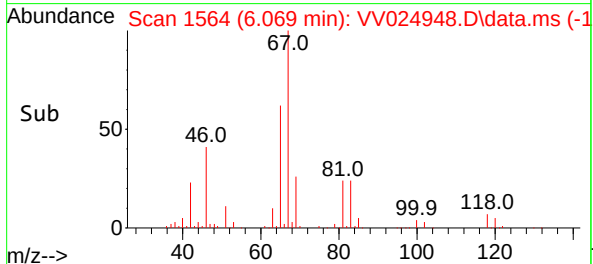
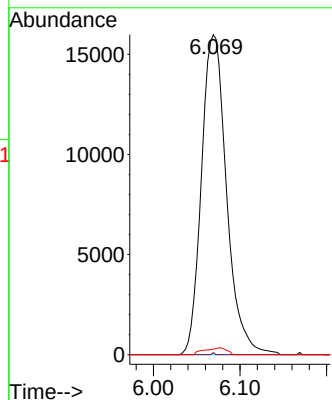
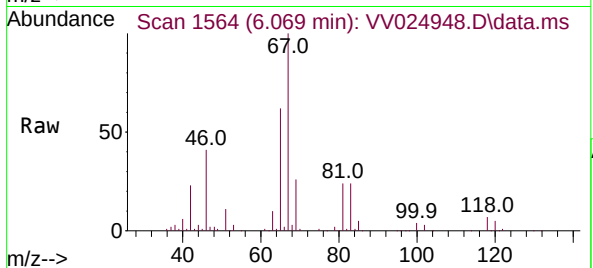
Tgt Ion: 83 Resp: 32212

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 1.9 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 5.919 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV024948.D

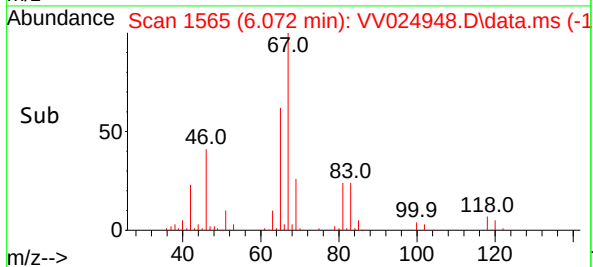
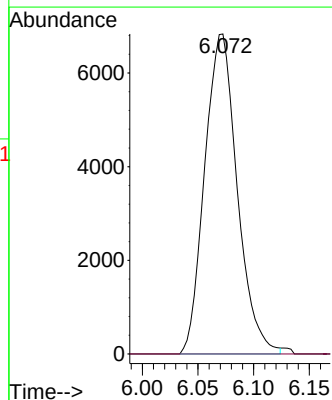
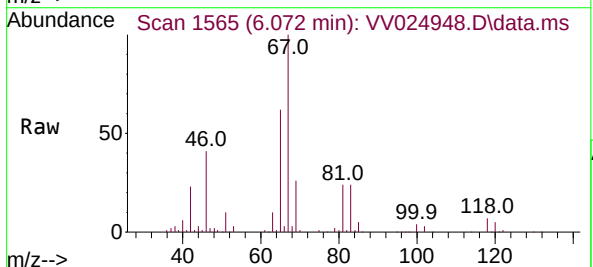
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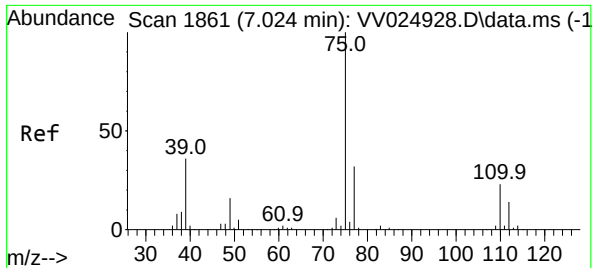
Tgt Ion: 63 Resp: 13908

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV024948.D

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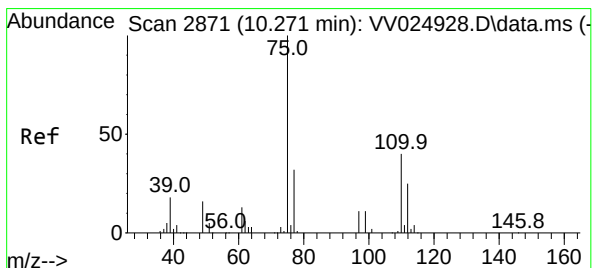
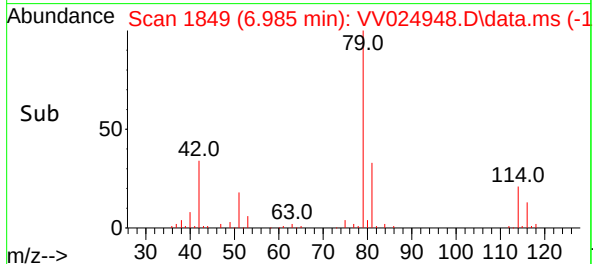
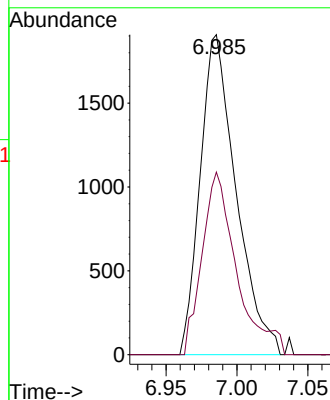
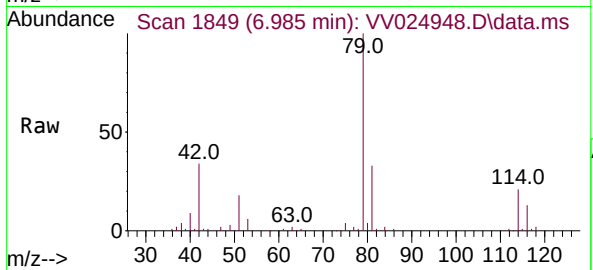
C0D76

Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

77 57.1 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.250 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024948.D

Acq: 11 Mar 2022 04:50

Tgt Ion: 75 Resp: 15271

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 2.4 31.4 47.2#

