

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025915.D
 Acq On : 16 May 2022 16:27
 Operator : SY/MD
 Sample : N2831-03DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K0DL

Quant Time: May 17 08:03:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

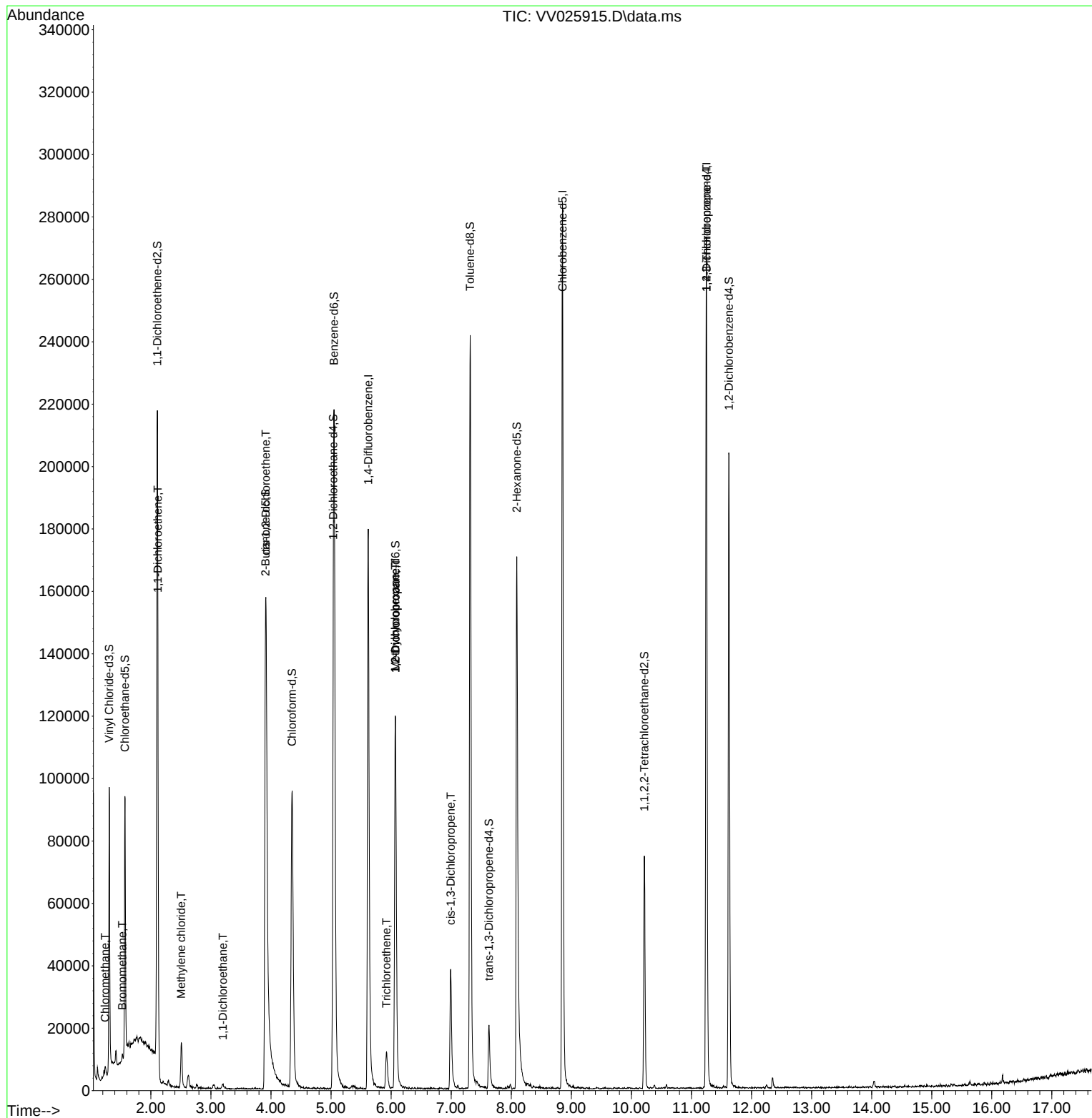
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	157770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59432	4.597	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.568	69	53608	4.843	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.108	63	108265	3.783	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	3.908	46	82066	54.815	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.620%	
24) Chloroform-d	4.352	84	100972	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.037	65	43298	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.050	84	204988	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.072	67	60345	5.066	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.317	98	167332	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.628	79	13462	3.456	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.200%	
46) 2-Hexanone-d5	8.091	63	61316	42.395	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35738	4.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52336	5.038	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
3) Chloromethane	1.240	50	1786	0.091	ug/L	92
6) Bromomethane	1.523	94	1230	0.102	ug/L	91
12) 1,1-Dichloroethene	2.117	96	13007	0.865	ug/L #	1
16) Methylene chloride	2.506	84	5882	0.385	ug/L	94
19) 1,1-Dichloroethane	3.198	63	1872	0.075	ug/L #	93
22) cis-1,2-Dichloroethene	3.912	96	69321	5.172	ug/L	99
34) Trichloroethene	5.921	95	3867	0.283	ug/L	95
35) Methylcyclohexane	6.069	83	14643	0.699	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6911	0.548	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1170	0.072	ug/L #	78
61) 1,2,3-Trichloropropane	11.249	75	8826	1.453	ug/L #	66

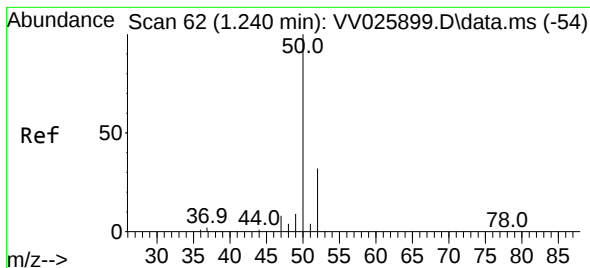
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

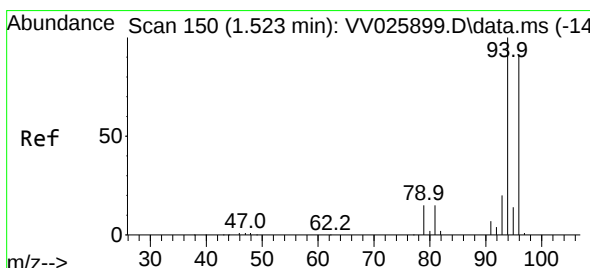
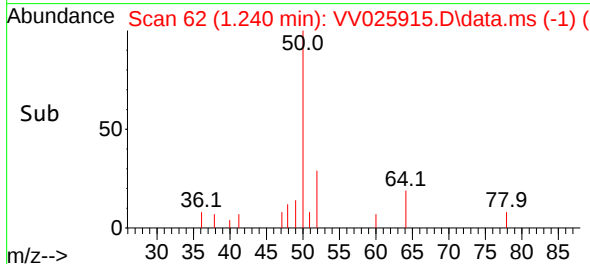
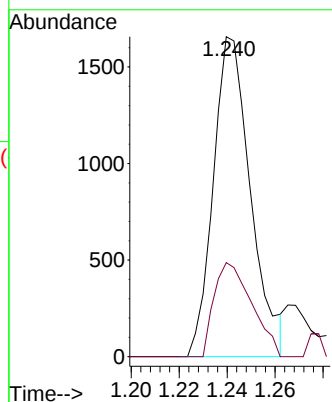
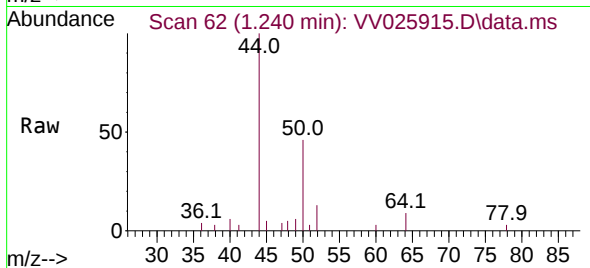
YB2K0DL

Tgt Ion: 50 Resp: 1786

Ion Ratio Lower Upper

50 100

52 29.4 23.9 44.3



#6

Bromomethane

Concen: 0.102 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV025915.D

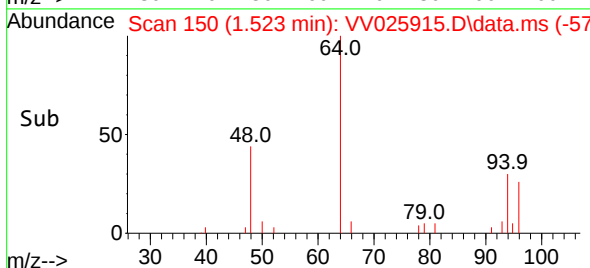
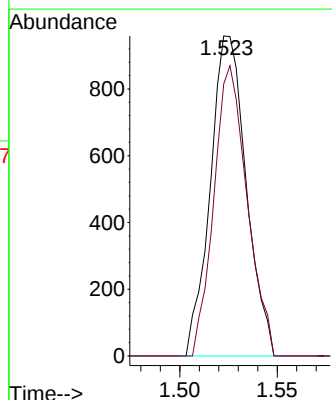
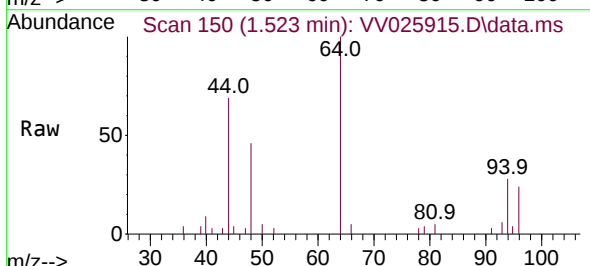
Acq: 16 May 2022 16:27

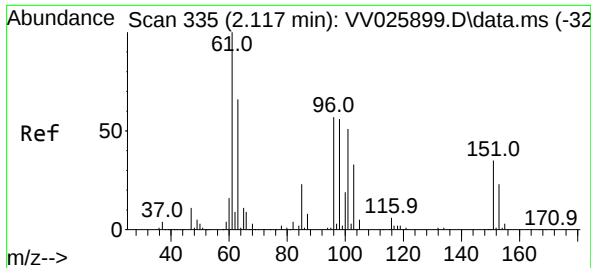
Tgt Ion: 94 Resp: 1230

Ion Ratio Lower Upper

94 100

96 85.0 65.4 121.4

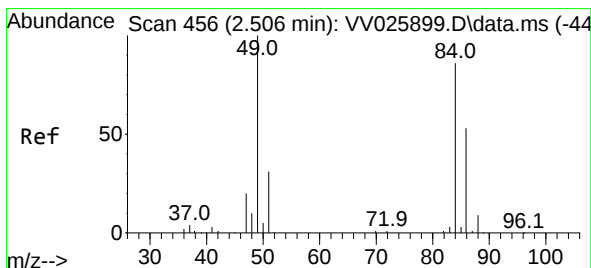
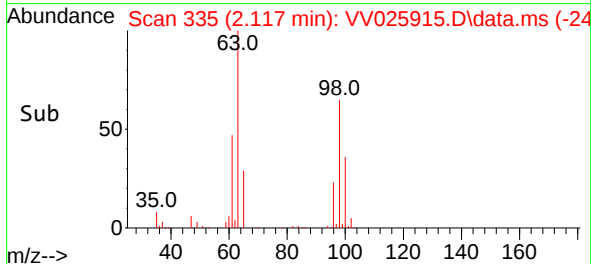
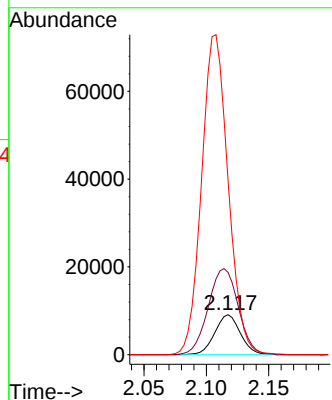
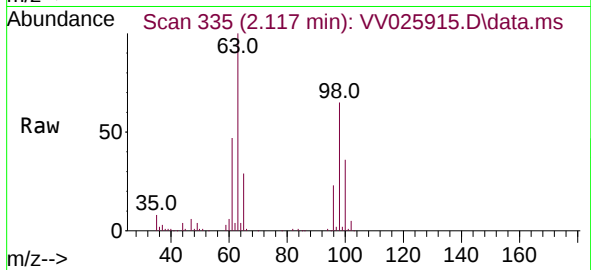




#12
 1,1-Dichloroethene
 Concen: 0.865 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV025915.D
 Acq: 16 May 2022 16:27

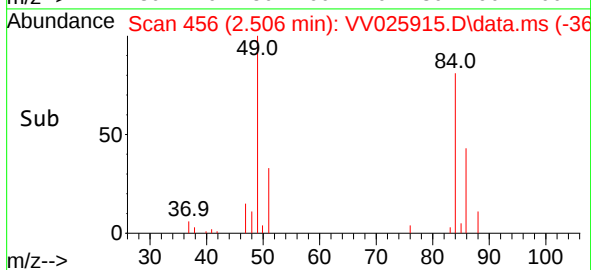
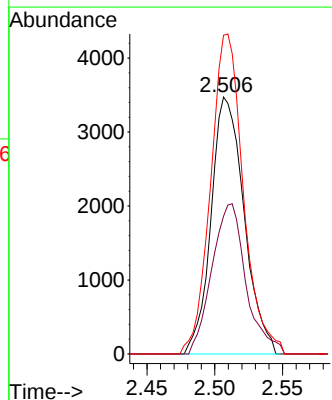
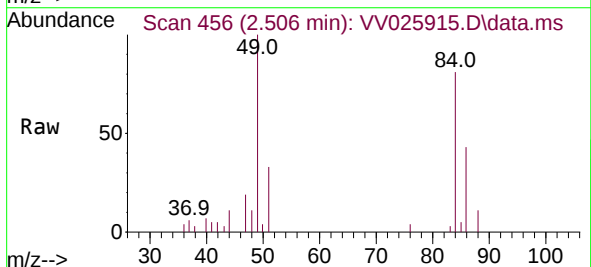
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K0DL

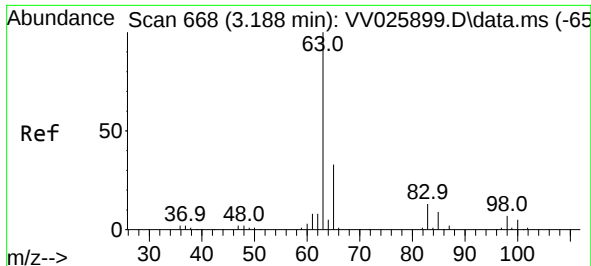
Tgt Ion: 96 Resp: 13007
 Ion Ratio Lower Upper
 96 100
 61 205.3 119.8 222.6
 63 435.2 78.3 145.3#



#16
 Methylene chloride
 Concen: 0.385 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. -0.000 min
 Lab File: VV025915.D
 Acq: 16 May 2022 16:27

Tgt Ion: 84 Resp: 5882
 Ion Ratio Lower Upper
 84 100
 86 53.6 45.4 84.2
 49 124.0 85.6 159.0





#19

1,1-Dichloroethane

Concen: 0.075 ug/L

RT: 3.198 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

YB2K0DL

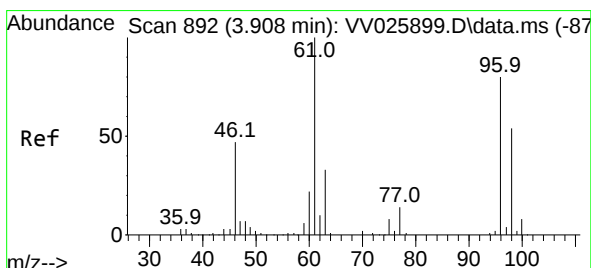
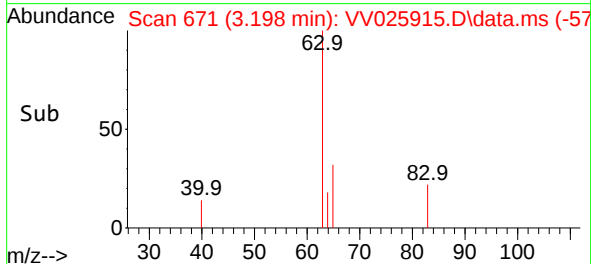
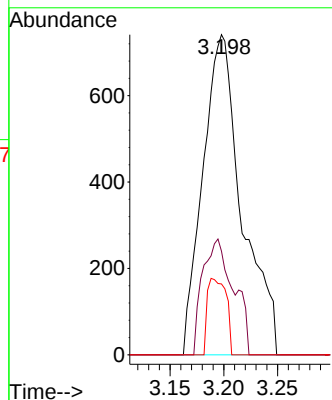
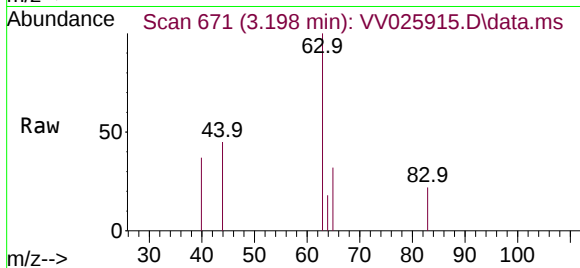
Tgt Ion: 63 Resp: 1872

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 22.1 10.0 18.6#



#22

cis-1,2-Dichloroethene

Concen: 5.172 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

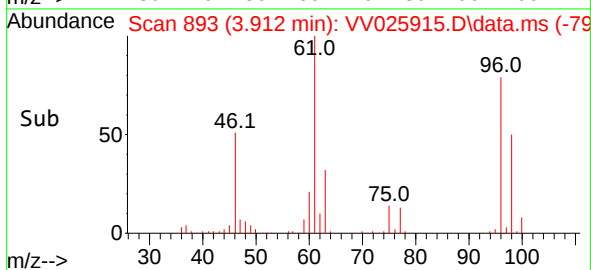
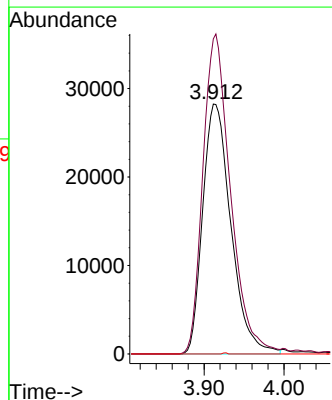
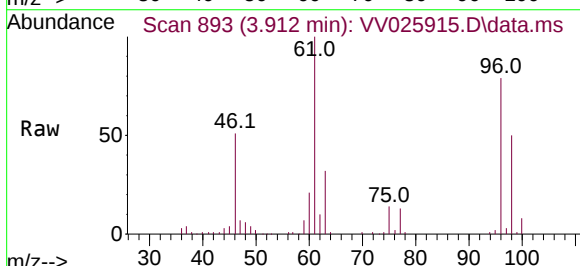
Tgt Ion: 96 Resp: 69321

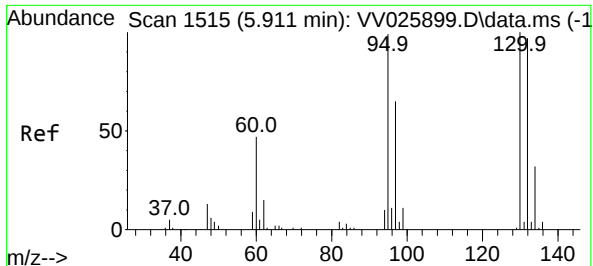
Ion Ratio Lower Upper

96 100

61 126.1 88.9 165.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.283 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

YB2K0DL

Tgt Ion: 95 Resp: 3867

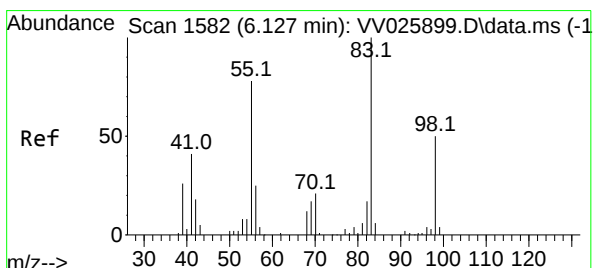
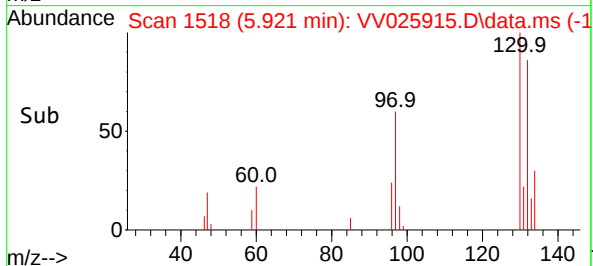
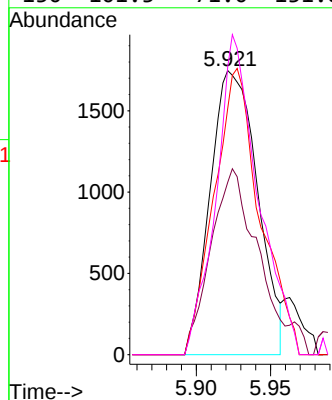
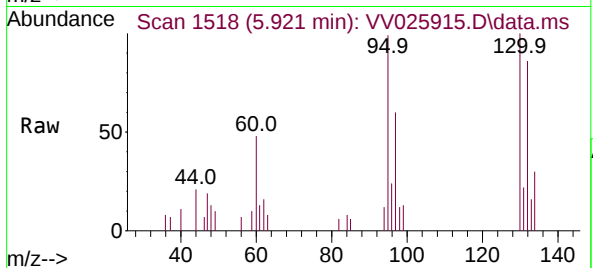
Ion Ratio Lower Upper

95 100

97 60.6 44.9 83.3

132 86.6 67.6 125.6

130 101.3 71.0 131.8



#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

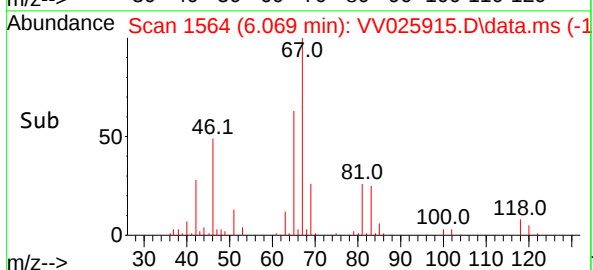
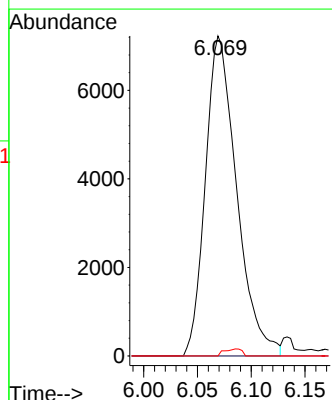
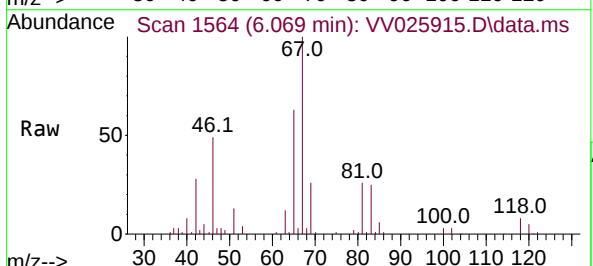
Tgt Ion: 83 Resp: 14643

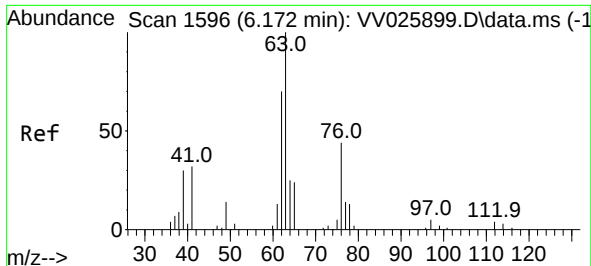
Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 1.2 40.6 61.0#





#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025915.D

Acq: 16 May 2022 16:27

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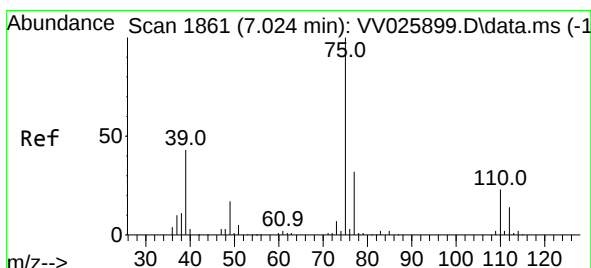
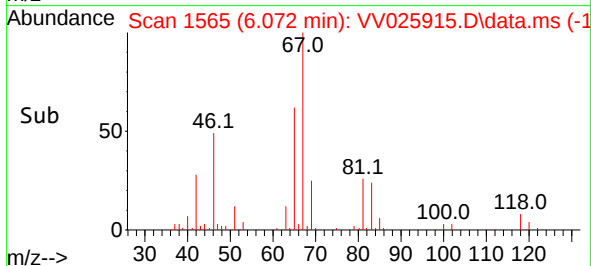
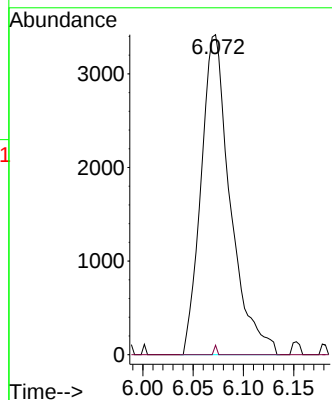
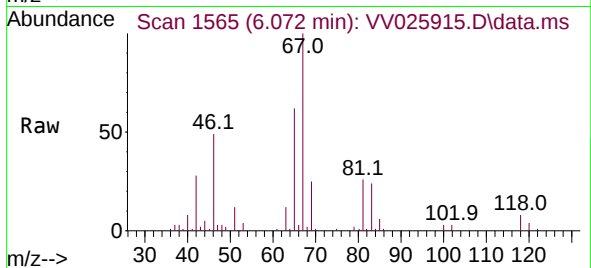
YB2K0DL

Tgt Ion: 63 Resp: 6911

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025915.D

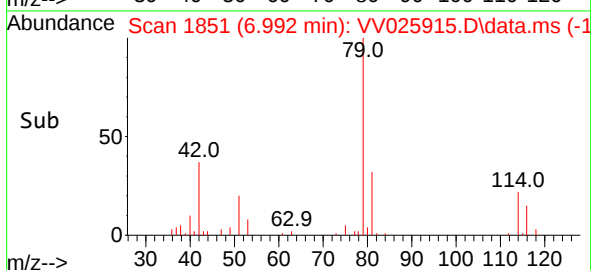
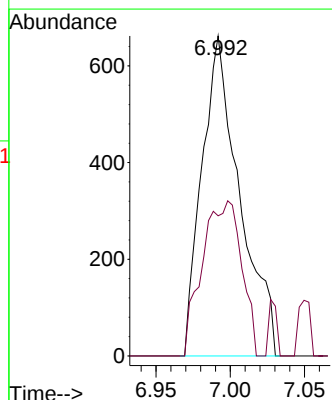
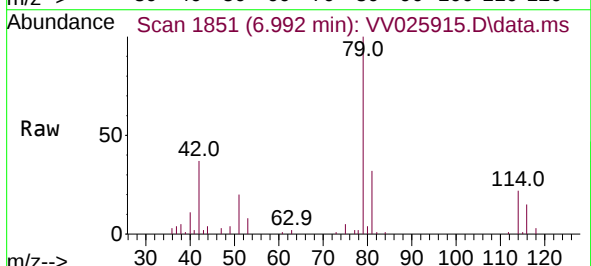
Acq: 16 May 2022 16:27

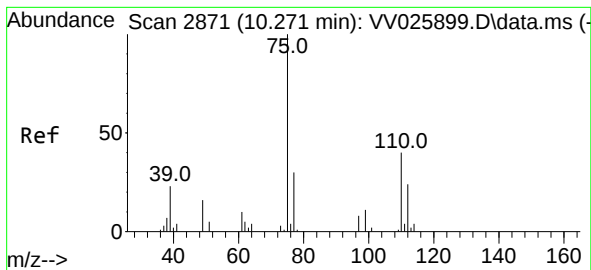
Tgt Ion: 75 Resp: 1170

Ion Ratio Lower Upper

75 100

77 43.8 22.1 41.1#





#61

1,2,3-Trichloropropane

Concen: 1.453 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025915.D

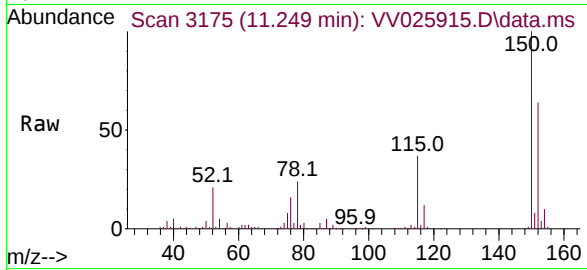
Acq: 16 May 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 8826

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 2.5 32.4 48.6#

