

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024010.D
 Acq On : 16 Dec 2021 14:04
 Operator : SY/MD
 Sample : M5090-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C9

Quant Time: Dec 17 02:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

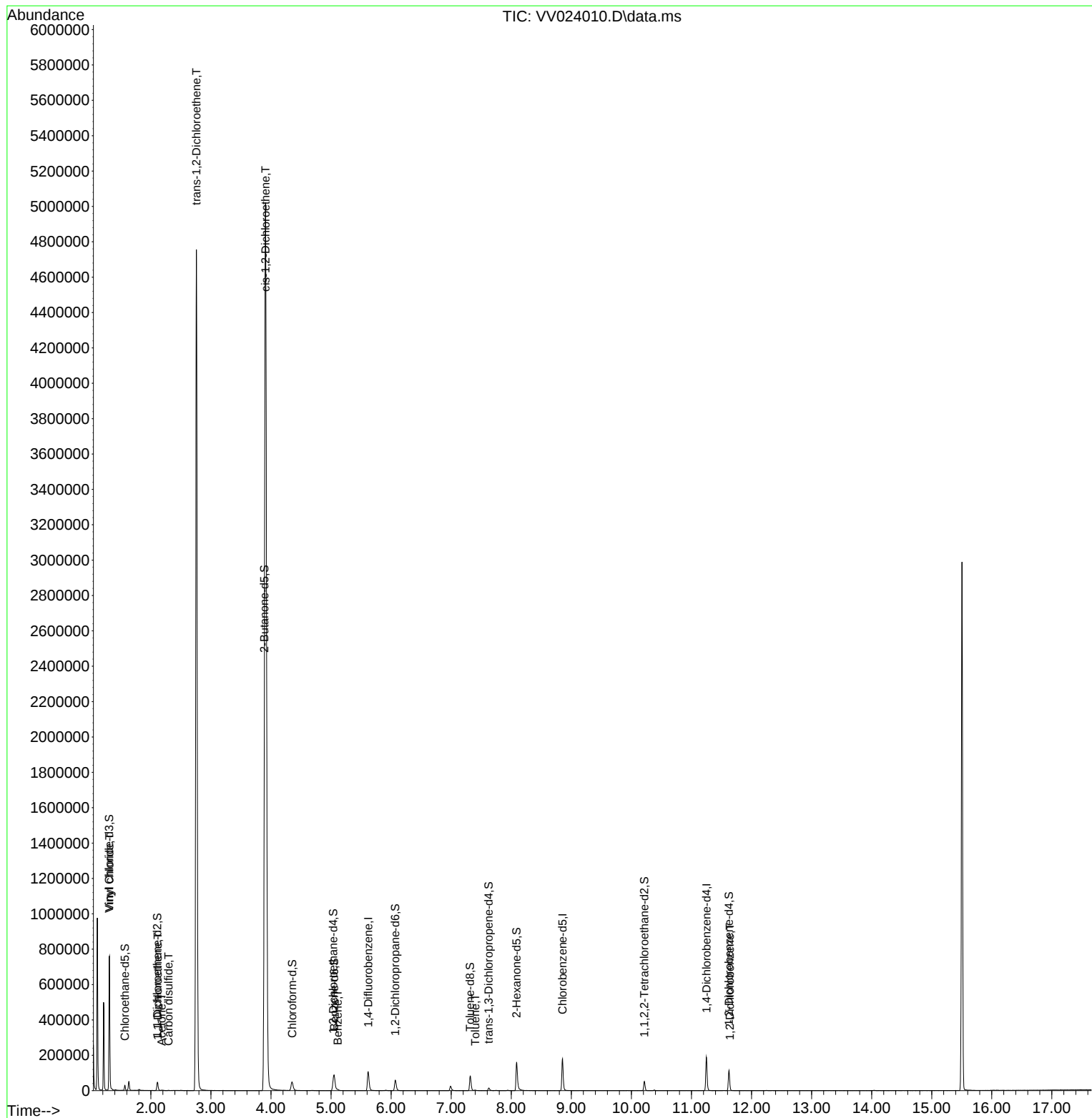
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17401	3.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.567	69	16026	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.108	63	22634	2.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	3.889	46	82979	82.388	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.780%#
24) Chloroform-d	4.352	84	49250	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.037	65	25072	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	76050	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.069	67	26331	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.316	98	56276	3.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.400%#
43) trans-1,3-Dichloroprop...	7.625	79	8478	3.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.088	63	52342	46.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23185	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	30445	4.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	283060	36.595	ug/L	99
12) 1,1-Dichloroethene	2.117	96	2832	0.440	ug/L #	1
13) Acetone	2.178	43	3050	3.785	ug/L	75
14) Carbon disulfide	2.294	76	1792	0.096	ug/L #	82
18) trans-1,2-Dichloroethene	2.757	96	1732766	243.294	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	2731311	362.295	ug/L	97
33) Benzene	5.111	78	5255	0.184	ug/L	100
42) Toluene	7.400	91	2150	0.067	ug/L	88
67) 1,2-Dichlorobenzene	11.641	146	986	0.070	ug/L #	91

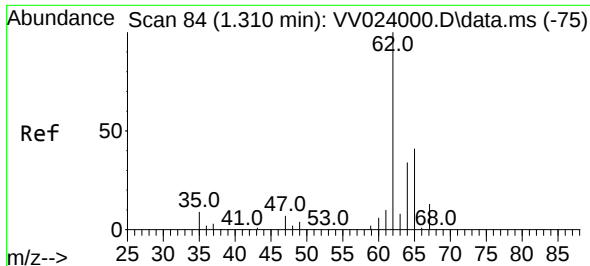
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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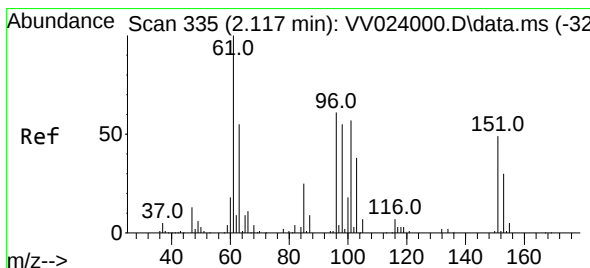
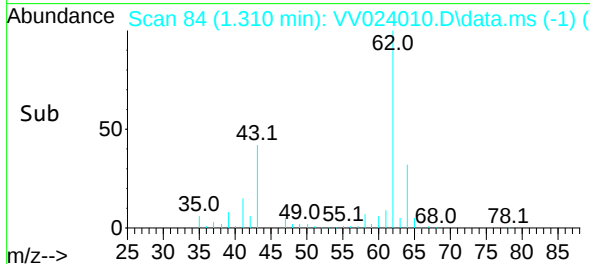
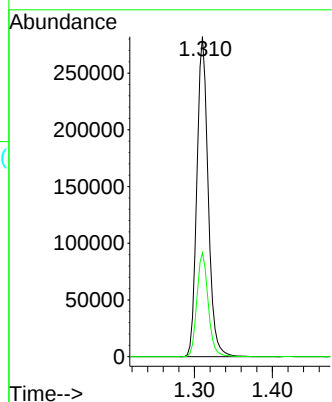
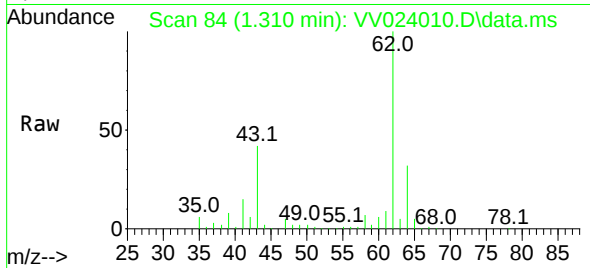




#5
 Vinyl chloride
 Concen: 36.595 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024010.D
 Acq: 16 Dec 2021 14:04

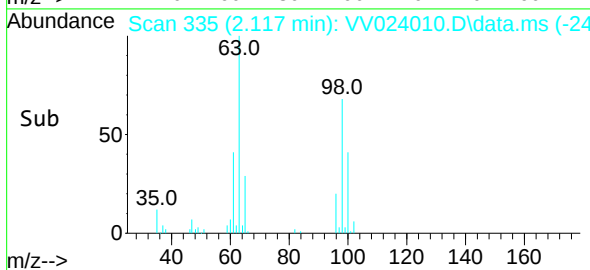
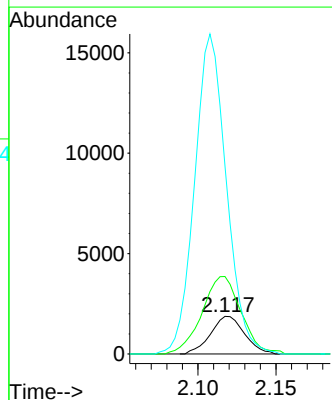
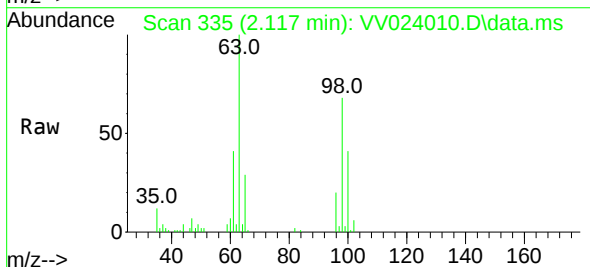
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C9

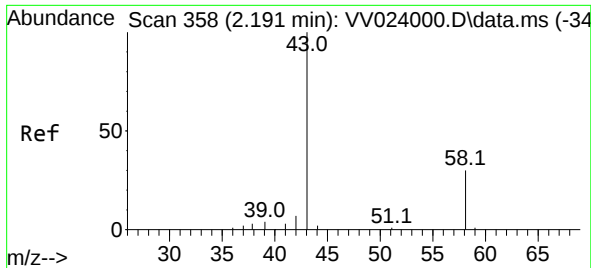
Tgt Ion: 62 Resp: 283060
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.440 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024010.D
 Acq: 16 Dec 2021 14:04

Tgt Ion: 96 Resp: 2832
 Ion Ratio Lower Upper
 96 100
 61 206.2 116.1 215.5
 63 499.8 79.4 147.4#





#13

Acetone

Concen: 3.785 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV024010.D

Acq: 16 Dec 2021 14:04

Instrument :

MSVOA_V

ClientSampleId :

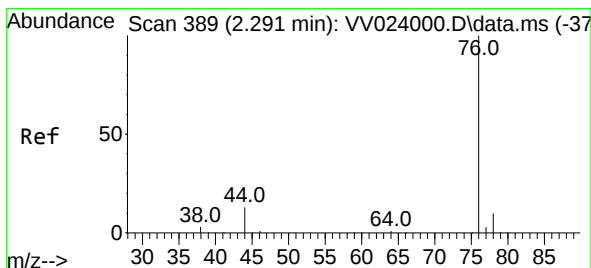
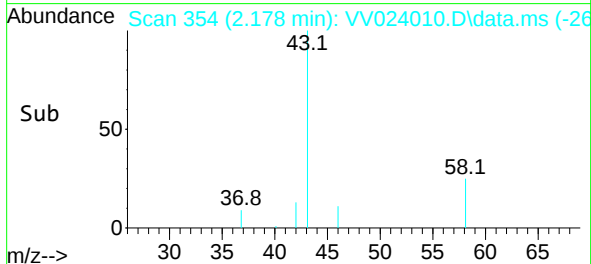
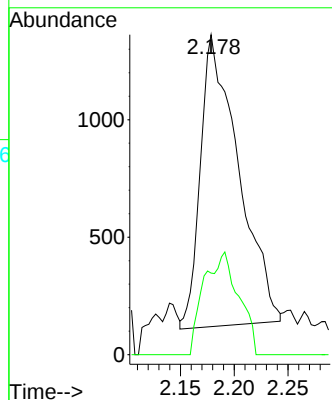
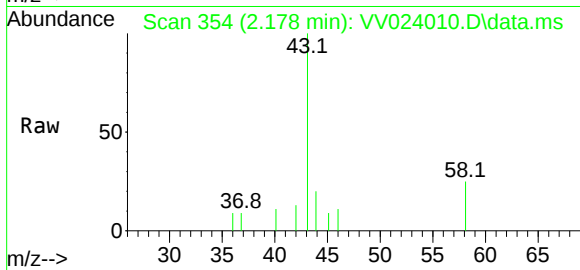
BG3C9

Tgt Ion: 43 Resp: 3050

Ion Ratio Lower Upper

43 100

58 32.2 0.0 41.4



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024010.D

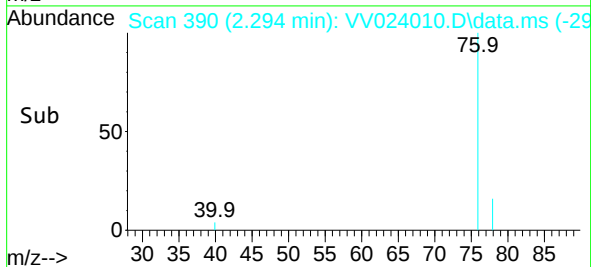
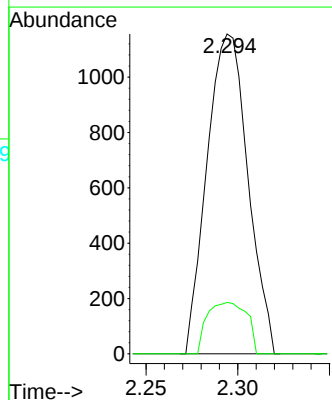
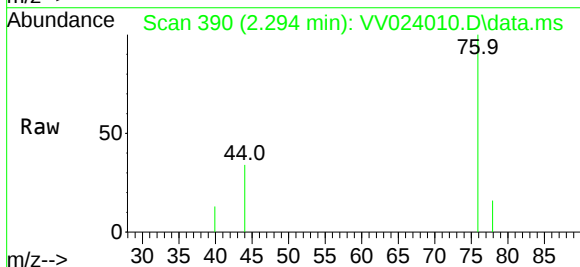
Acq: 16 Dec 2021 14:04

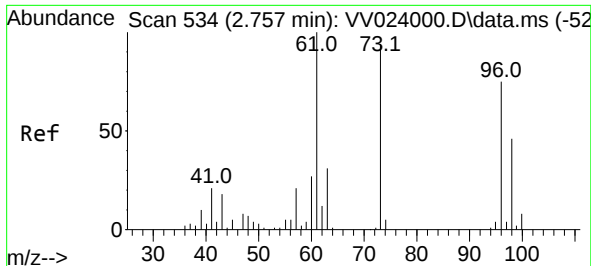
Tgt Ion: 76 Resp: 1792

Ion Ratio Lower Upper

76 100

78 16.1 7.5 11.3#



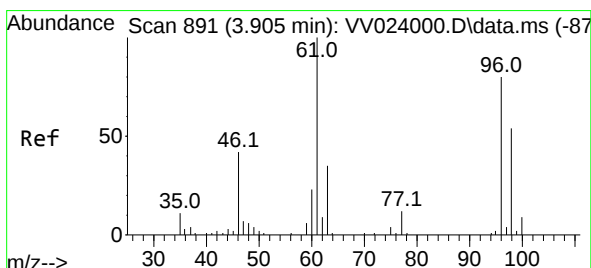
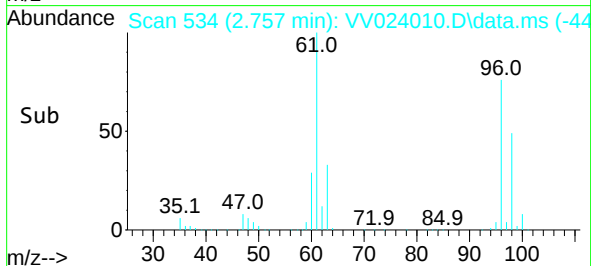
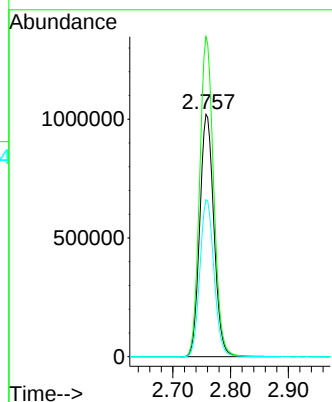
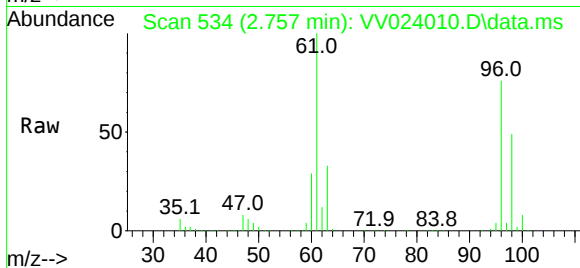


#18
trans-1,2-Dichloroethene
Concen: 243.294 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Instrument :
MSVOA_V
ClientSampleId :
BG3C9

Tgt Ion: 96 Resp: 1732766

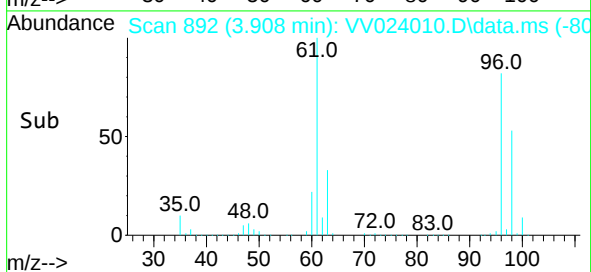
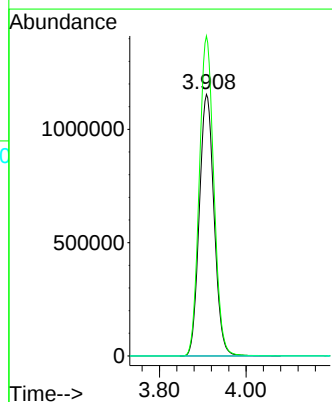
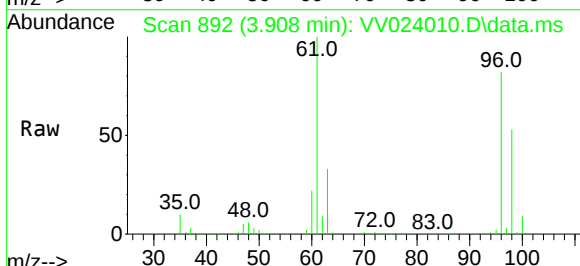
Ion	Ratio	Lower	Upper
96	100		
61	132.1	88.2	163.8
98	64.8	44.9	83.5

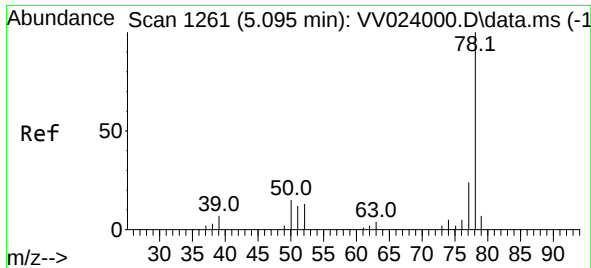


#22
cis-1,2-Dichloroethene
Concen: 362.295 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 96 Resp: 2731311

Ion	Ratio	Lower	Upper
96	100		
61	122.3	83.4	154.8
68	0.0	0.0	0.0

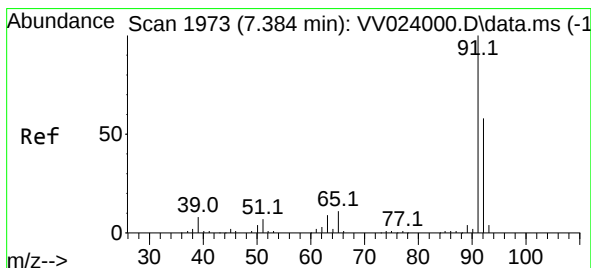
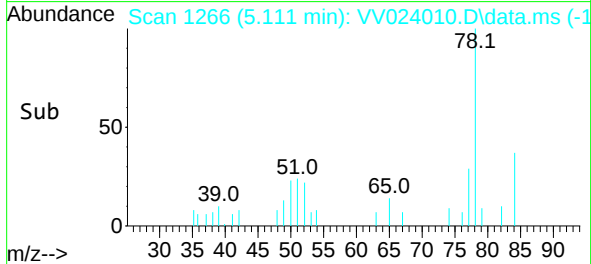
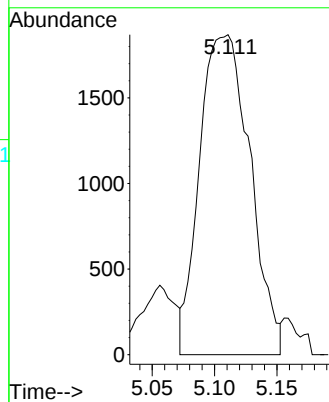
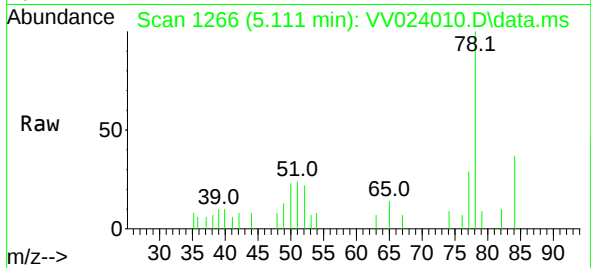




#33
Benzene
Concen: 0.184 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

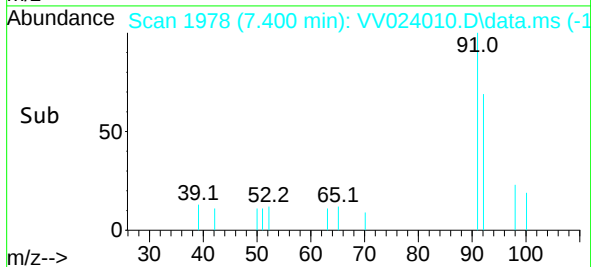
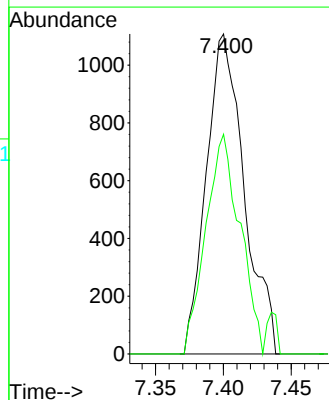
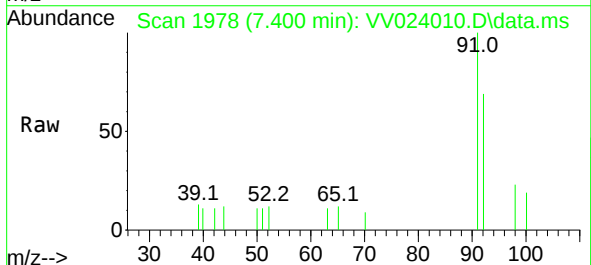
Instrument :
MSVOA_V
ClientSampleId :
BG3C9

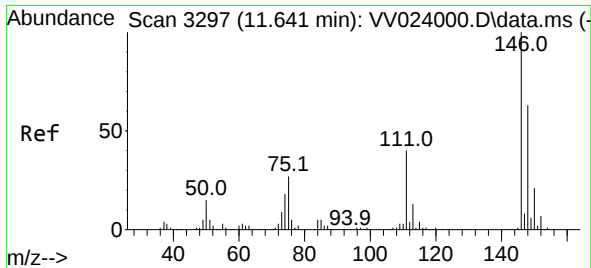
Tgt Ion: 78 Resp: 5255



#42
Toluene
Concen: 0.067 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV024010.D
Acq: 16 Dec 2021 14:04

Tgt Ion: 91 Resp: 2150
Ion Ratio Lower Upper
91 100
92 68.7 41.5 77.1





#67

1,2-Dichlorobenzene

Concen: 0.070 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024010.D

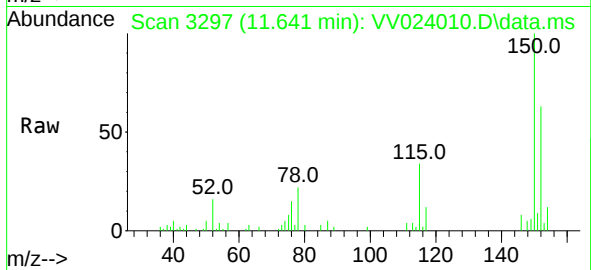
Acq: 16 Dec 2021 14:04

Instrument :

MSVOA_V

ClientSampleId :

BG3C9



Tgt Ion:146 Resp: 986

Ion Ratio Lower Upper

146 100

111 49.3 31.9 47.9#

148 66.4 50.5 75.7

