

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023072.D
 Acq On : 27 Oct 2021 21:10
 Operator : SY/MD
 Sample : M4364-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG321

Quant Time: Oct 28 01:50:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

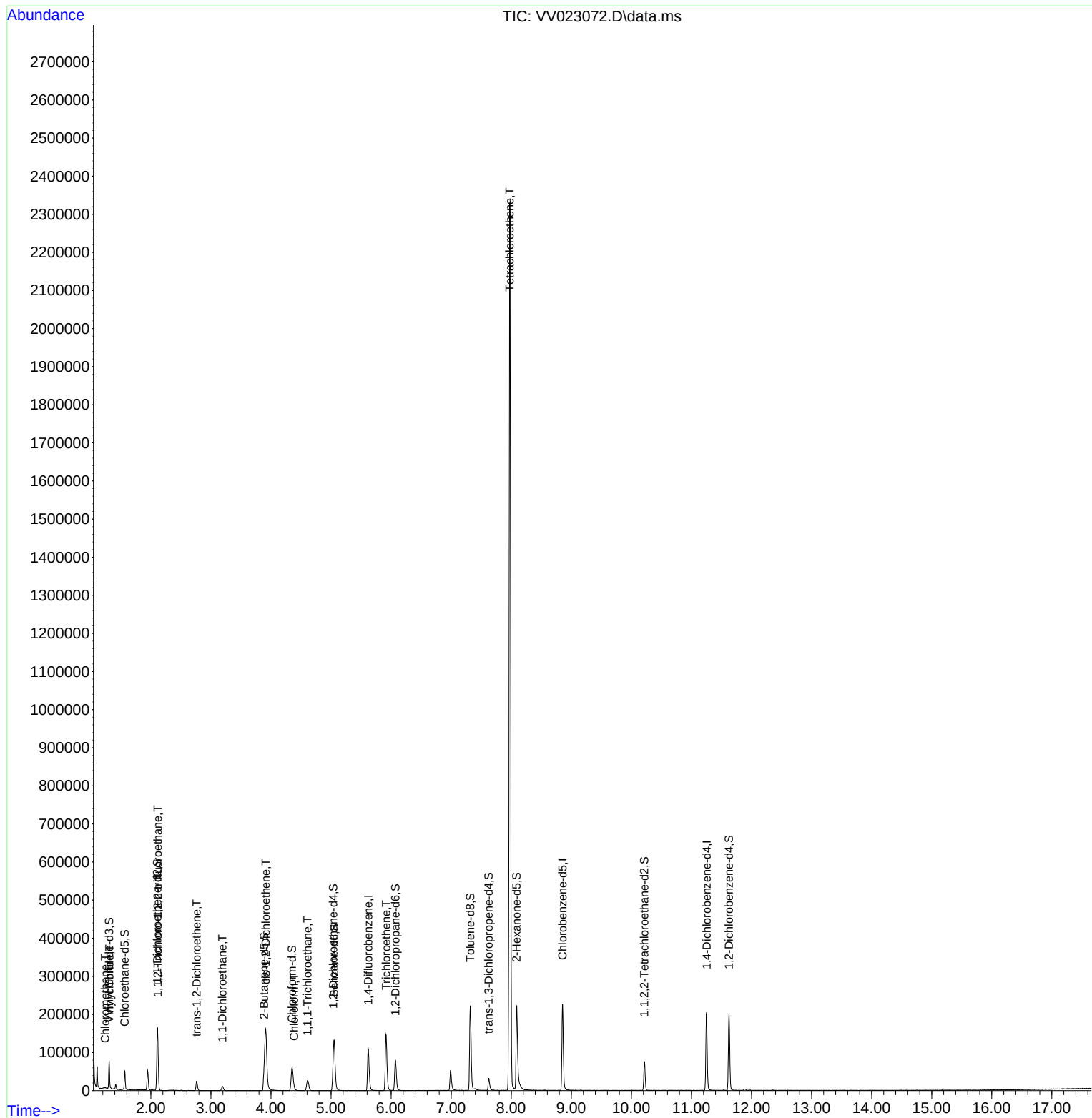
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96664	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44367	5.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.564	69	27866	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.108	63	59584	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.886	46	58677	43.305	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.600%
24) Chloroform-d	4.352	84	63295	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.037	65	31578	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	119703	3.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.600%#
36) 1,2-Dichloropropane-d6	6.072	67	36639	3.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.200%
41) Toluene-d8	7.320	98	149370	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.625	79	17984	4.362	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	74010	48.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37196	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	54714	5.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	999	0.151	ug/L	93
5) Vinyl chloride	1.310	62	2136	0.312	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	21216	4.027	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	9929	1.879	ug/L	95
19) 1,1-Dichloroethane	3.191	63	11203	1.154	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	83062	13.866	ug/L #	87
25) Chloroform	4.384	83	4521	0.352	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	22701	1.534	ug/L	98
34) Trichloroethene	5.915	95	50970	5.758	ug/L	97
47) Tetrachloroethene	7.976	164	520979	69.665	ug/L	99

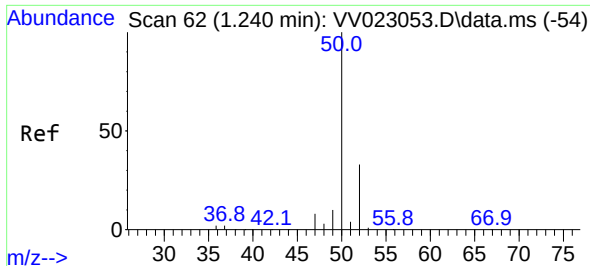
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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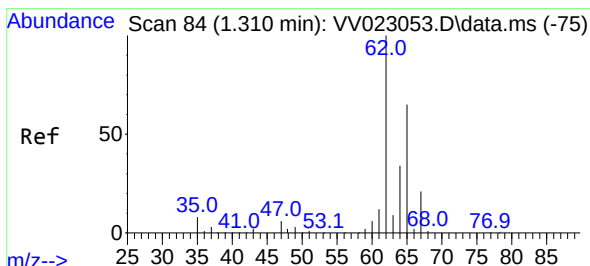
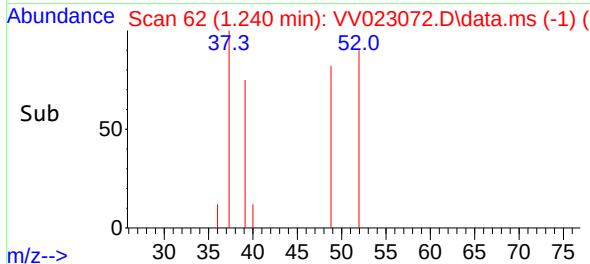
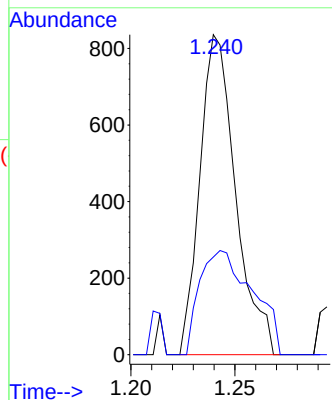
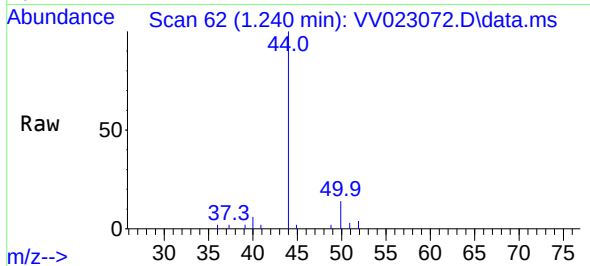




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

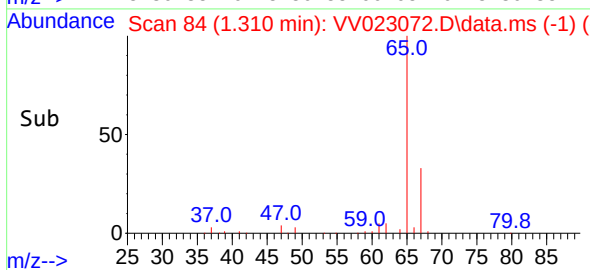
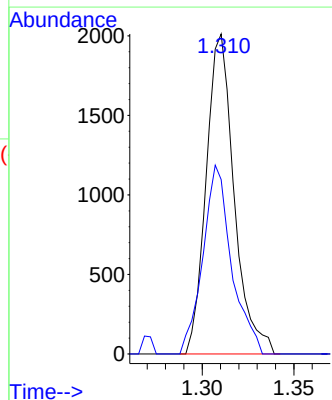
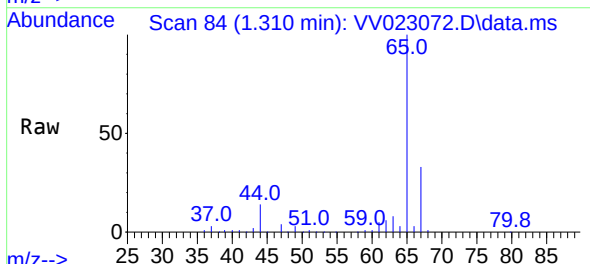
Instrument :
MSVOA_V
ClientSampleId :
BG321

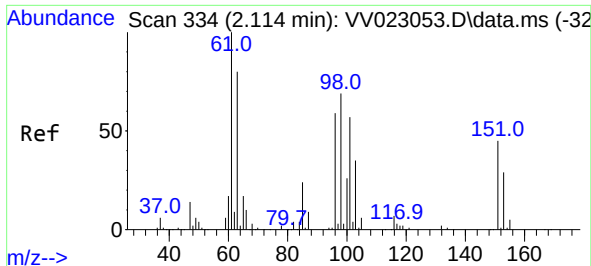
Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 30.5 24.3 45.1



#5
Vinyl chloride
Concen: 0.312 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

Tgt Ion: 62 Resp: 2136
Ion Ratio Lower Upper
62 100
64 54.5 23.1 42.9#

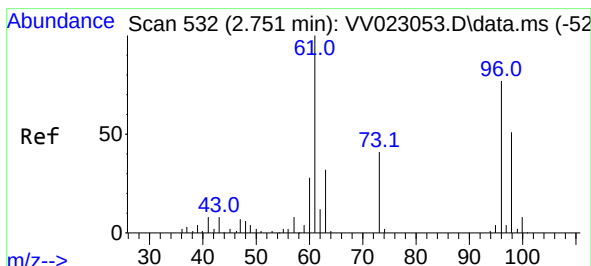
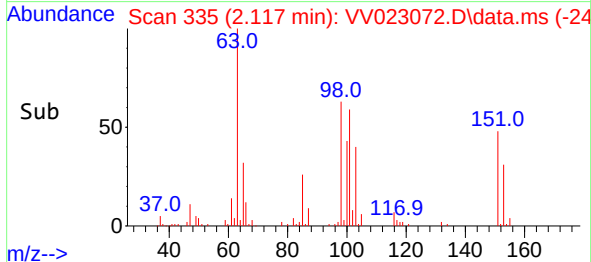
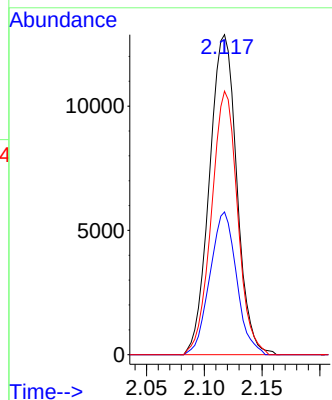
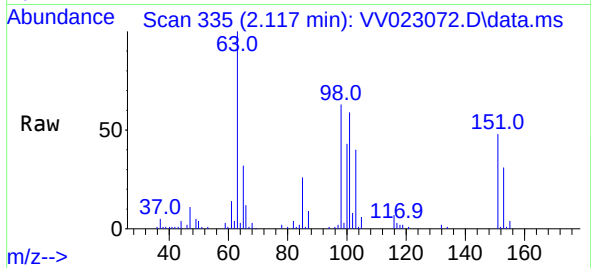




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.027 ug/L
RT: 2.117 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

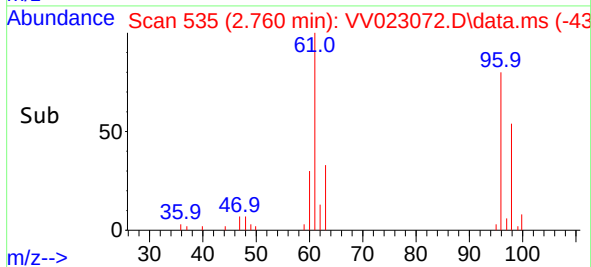
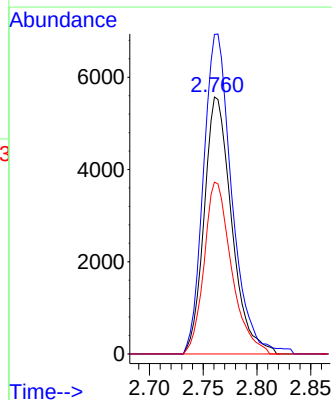
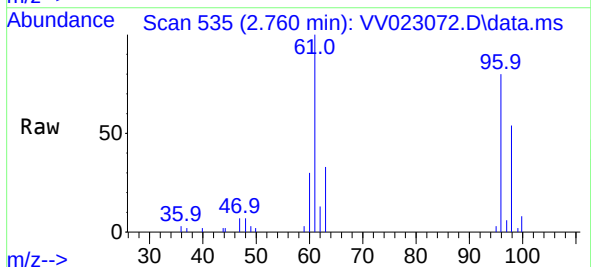
Instrument :
MSVOA_V
ClientSampleId :
BG321

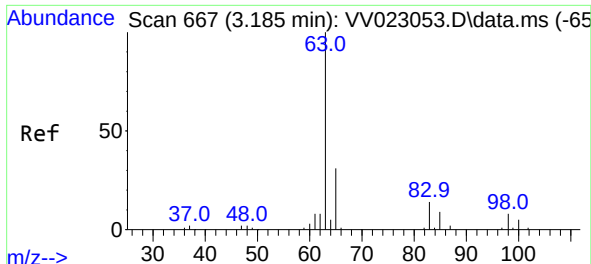
Tgt Ion:101 Resp: 21216
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 78.8 62.2 93.2



#18
trans-1,2-Dichloroethene
Concen: 1.879 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

Tgt Ion: 96 Resp: 9929
Ion Ratio Lower Upper
96 100
61 124.3 93.2 173.2
98 66.9 47.0 87.2





#19

1,1-Dichloroethane

Concen: 1.154 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV023072.D

Acq: 27 Oct 2021 21:10

Instrument :

MSVOA_V

ClientSampleId :

BG321

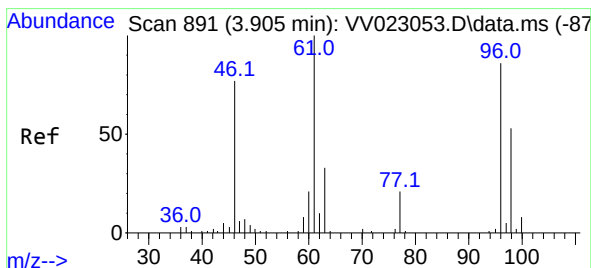
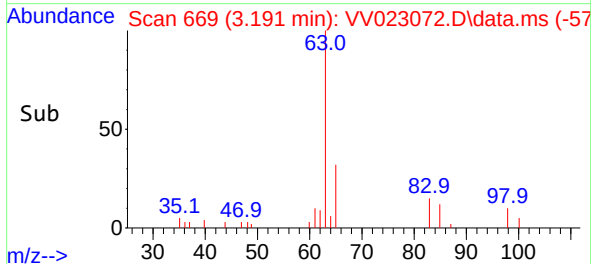
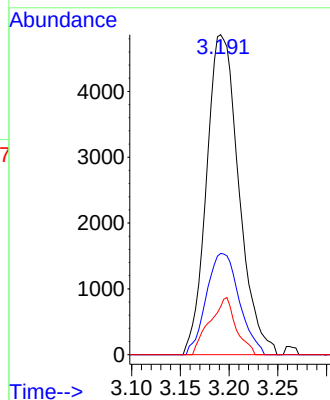
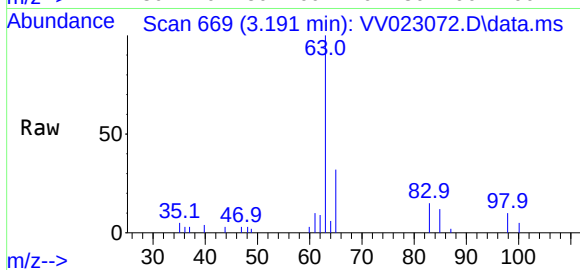
Tgt Ion: 63 Resp: 11203

Ion Ratio Lower Upper

63 100

65 31.7 22.6 42.0

83 15.0 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 13.866 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV023072.D

Acq: 27 Oct 2021 21:10

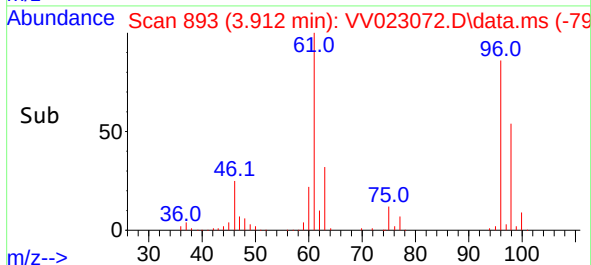
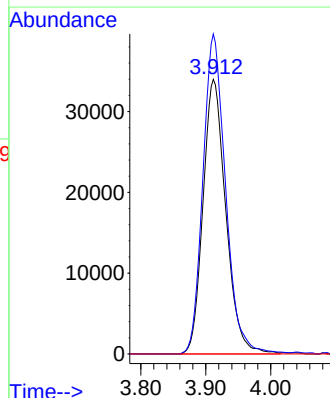
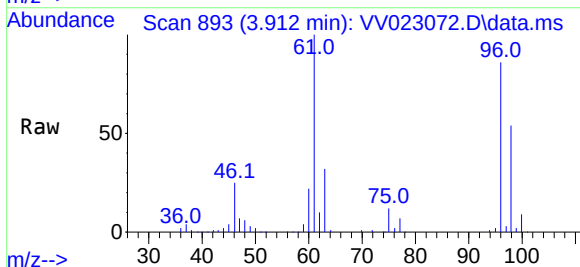
Tgt Ion: 96 Resp: 83062

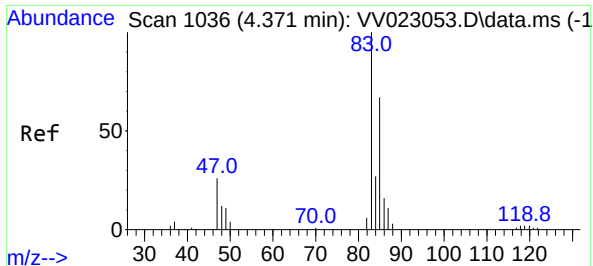
Ion Ratio Lower Upper

96 100

61 116.5 92.3 171.3

68 0.0 0.4 0.8





#25

Chloroform

Concen: 0.352 ug/L

RT: 4.384 min Scan# 110

Delta R.T. 0.013 min

Lab File: VV023072.D

Acq: 27 Oct 2021 21:10

Instrument :

MSVOA_V

ClientSampleId :

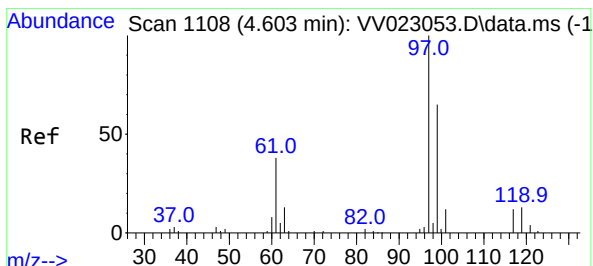
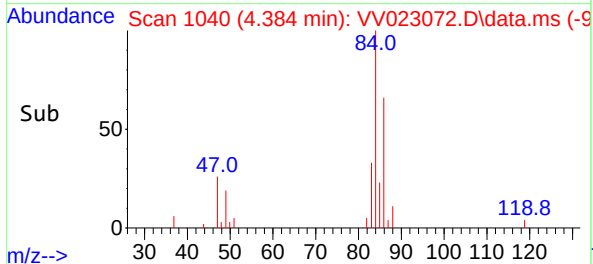
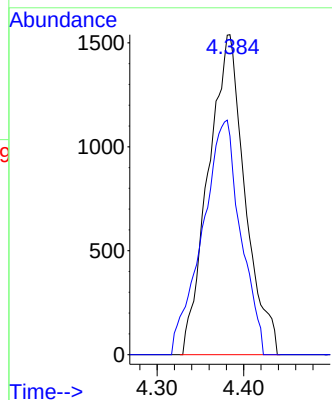
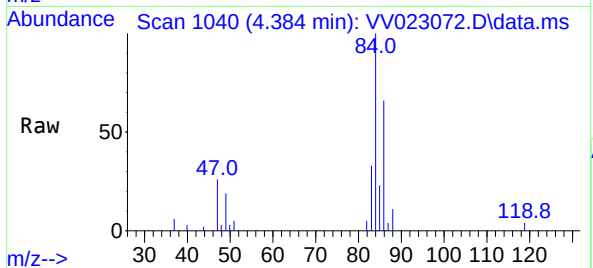
BG321

Tgt Ion: 83 Resp: 4521

Ion Ratio Lower Upper

83 100

85 68.3 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 1.534 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV023072.D

Acq: 27 Oct 2021 21:10

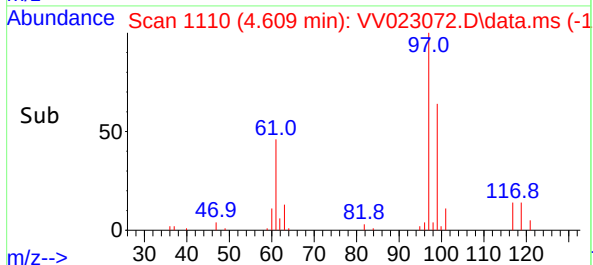
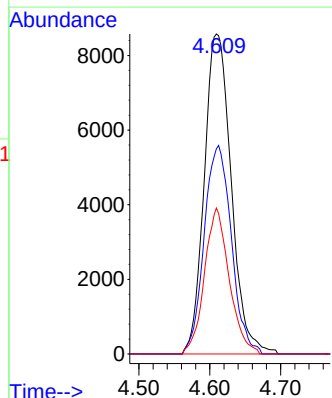
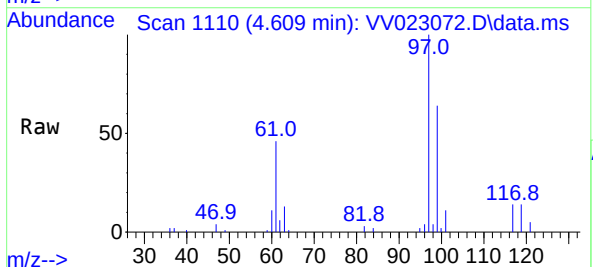
Tgt Ion: 97 Resp: 22701

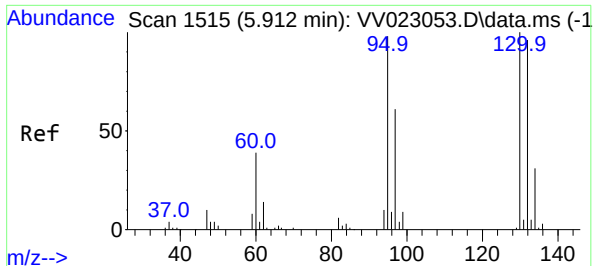
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

61 41.9 34.1 51.1



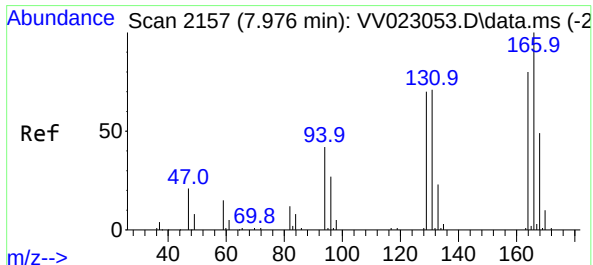
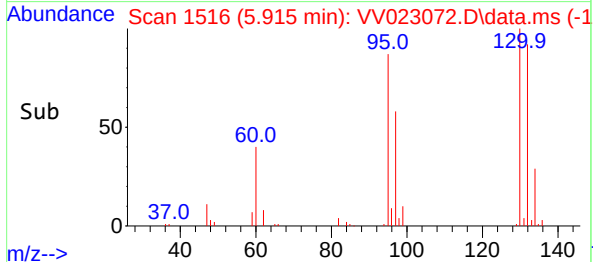
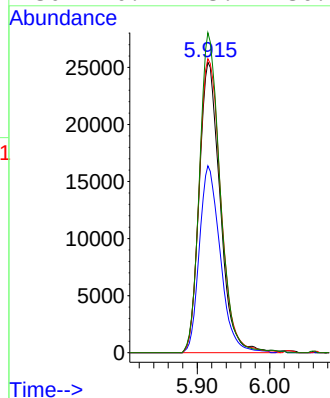
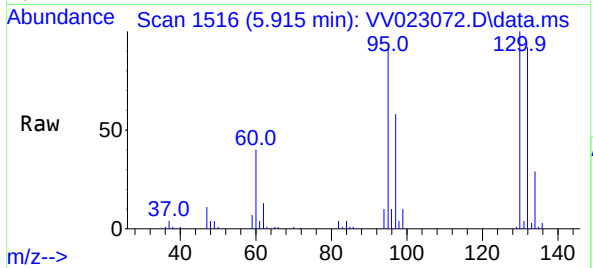


#34
Trichloroethene
Concen: 5.758 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

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Tgt Ion: 95 Resp: 50970

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.0	83.6
132	101.2	69.7	129.4
130	110.2	73.7	136.9



#47
Tetrachloroethene
Concen: 69.665 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023072.D
Acq: 27 Oct 2021 21:10

Tgt Ion: 164 Resp: 520979

Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.0	119.0
131	89.3	63.4	117.8
166	127.9	89.3	165.9

