

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024225.D
 Acq On : 28 Dec 2021 17:58
 Operator : SY/MD
 Sample : M5193-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:06:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

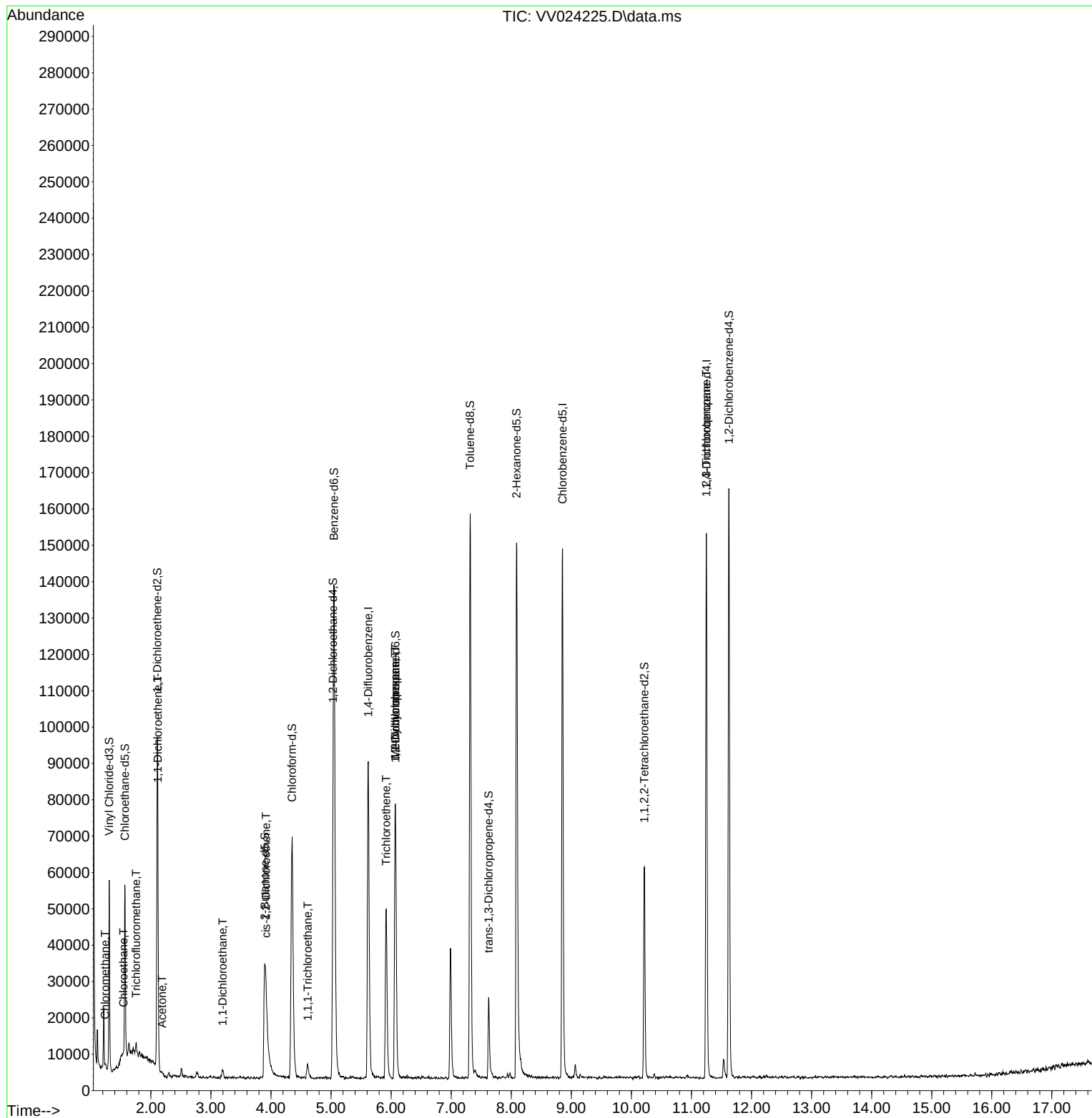
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	79377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	42030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26744	4.479	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.568	69	26908	5.404	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.108	63	46253	3.187	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.800%	
20) 2-Butanone-d5	3.896	46	61448	92.654	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	185.300%#	
24) Chloroform-d	4.349	84	66686	5.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4	5.034	65	34154	6.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.400%	
32) Benzene-d6	5.050	84	119467	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
36) 1,2-Dichloropropane-d6	6.072	67	34378	5.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.600%	
41) Toluene-d8	7.317	98	104774	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	7.625	79	12673	4.857	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.200%	
46) 2-Hexanone-d5	8.088	63	50968	58.094	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25357	6.027	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	120.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	44722	6.121	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	122.400%#	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	834	0.060	ug/L	98
8) Chloroethane	1.545	64	12950	1.570	ug/L #	57
9) Trichlorofluoromethane	1.754	101	1744	0.076	ug/L	86
12) 1,1-Dichloroethene	2.118	96	3107	0.285	ug/L #	1
13) Acetone	2.188	43	1154	1.226	ug/L	98
19) 1,1-Dichloroethane	3.195	63	2538	0.132	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	2708	0.236	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	3153	0.150	ug/L	95
34) Trichloroethene	5.915	95	15920	1.291	ug/L	95
35) Methylcyclohexane	6.069	83	9665	0.541	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	4532	0.450	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	3776	0.759	ug/L #	62

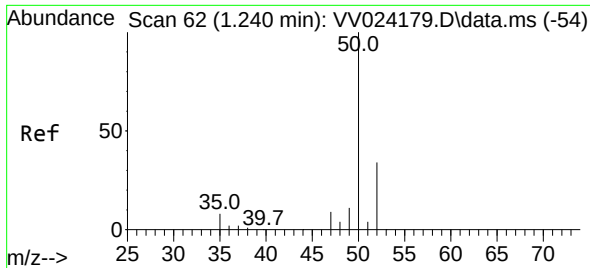
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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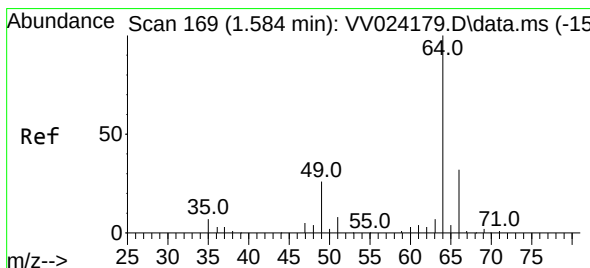
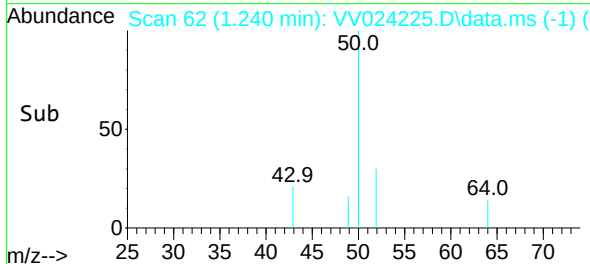
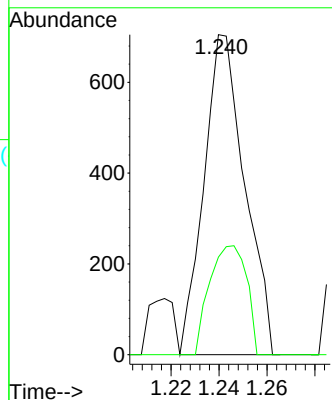
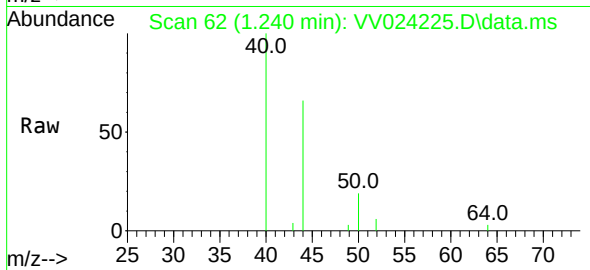




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024225.D
Acq: 28 Dec 2021 17:58

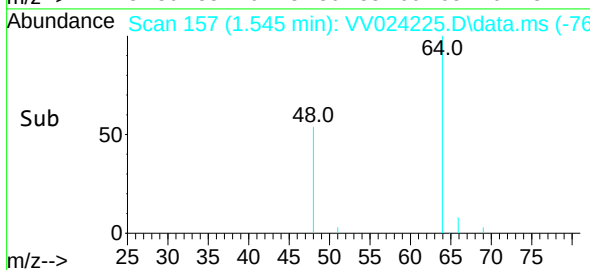
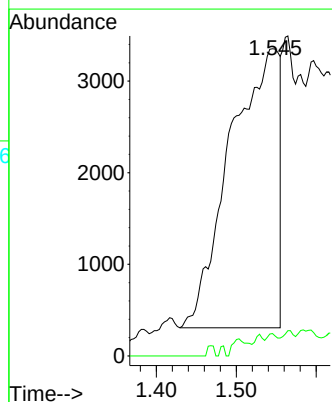
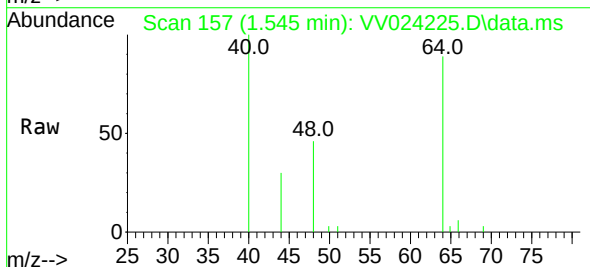
Instrument :
MSVOA_V
ClientSampleId :

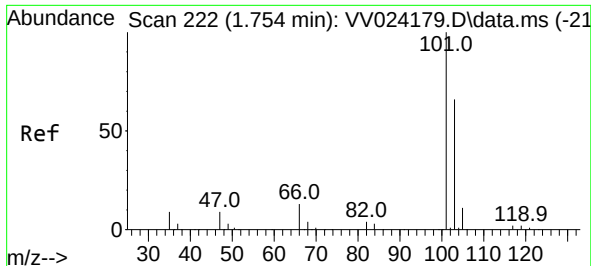
Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 30.5 22.0 41.0



#8
Chloroethane
Concen: 1.570 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.039 min
Lab File: VV024225.D
Acq: 28 Dec 2021 17:58

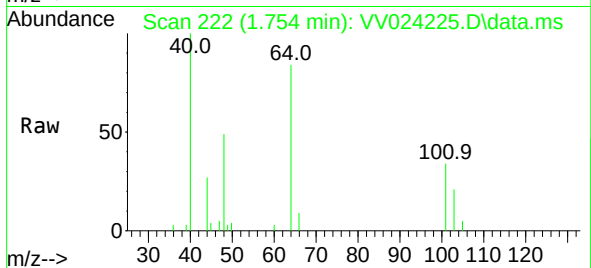
Tgt Ion: 64 Resp: 12950
Ion Ratio Lower Upper
64 100
66 7.3 21.4 39.8#



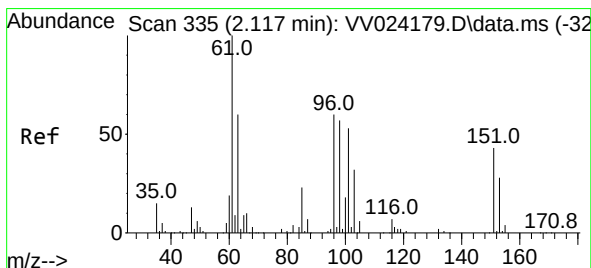
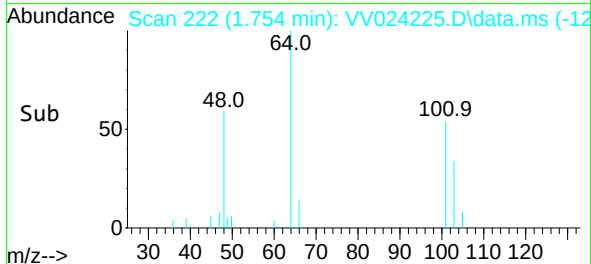
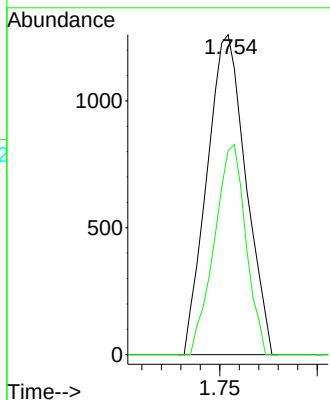


#9
 Trichlorofluoromethane
 Concen: 0.076 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

Instrument :
 MSVOA_V
 ClientSampleId :

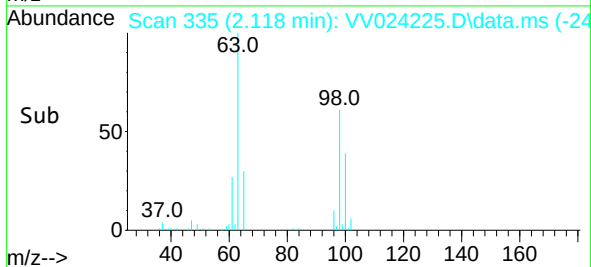
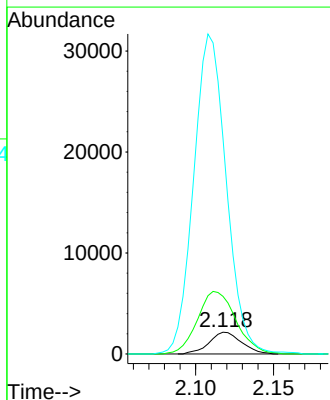
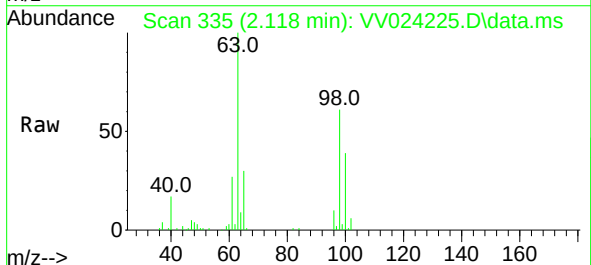


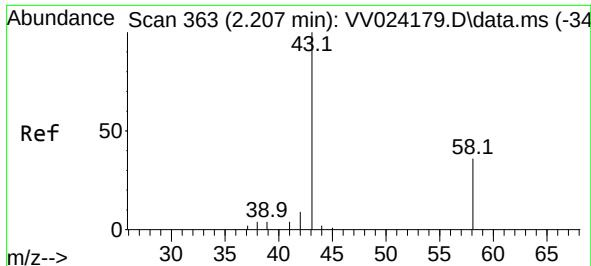
Tgt Ion:101 Resp: 1744
 Ion Ratio Lower Upper
 101 100
 103 53.2 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 0.285 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024225.D
 Acq: 28 Dec 2021 17:58

Tgt Ion: 96 Resp: 3107
 Ion Ratio Lower Upper
 96 100
 61 264.4 116.1 215.5#
 63 988.1 79.4 147.4#





#13

Acetone

Concen: 1.226 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

Instrument :

MSVOA_V

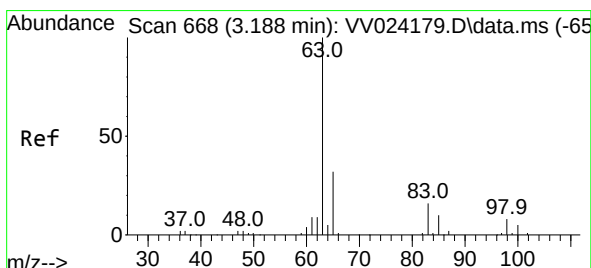
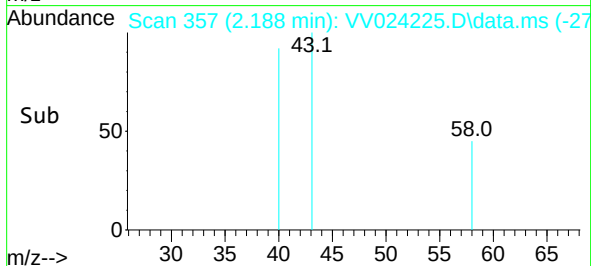
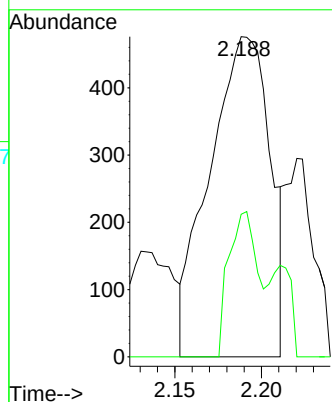
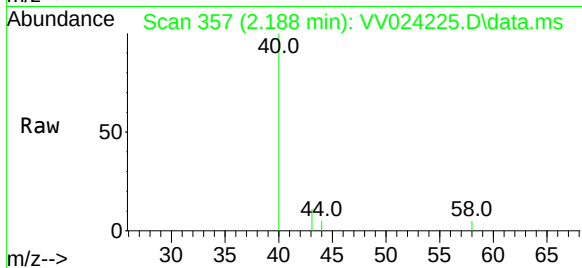
ClientSampleId :

Tgt Ion: 43 Resp: 1154

Ion Ratio Lower Upper

43 100

58 21.6 0.0 41.4



#19

1,1-Dichloroethane

Concen: 0.132 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.003 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

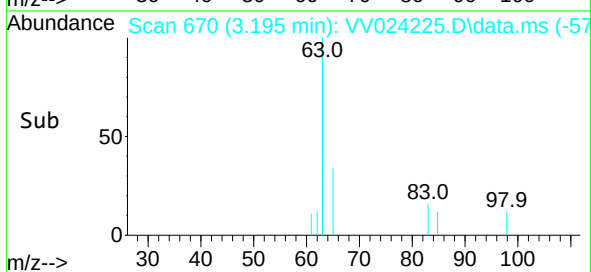
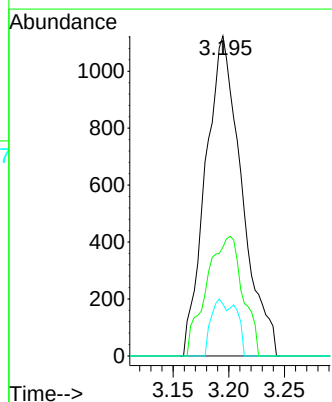
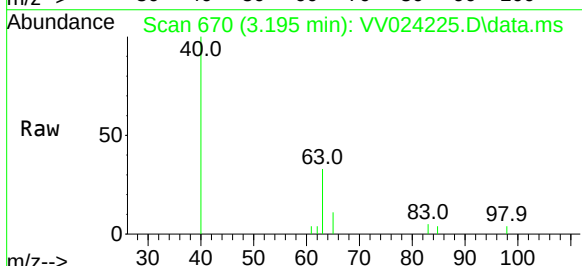
Tgt Ion: 63 Resp: 2538

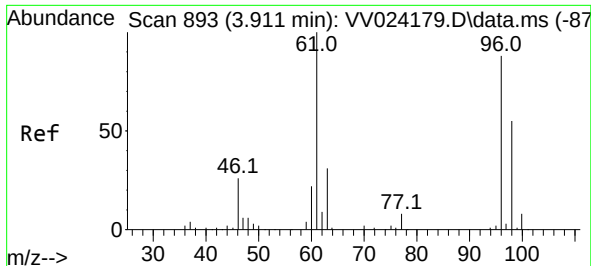
Ion Ratio Lower Upper

63 100

65 34.0 22.3 41.3

83 16.2 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.236 ug/L

RT: 3.918 min Scan# 893

Delta R.T. 0.006 min

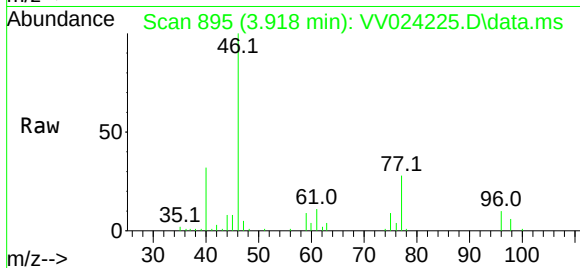
Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

Instrument :

MSVOA_V

ClientSampleId :



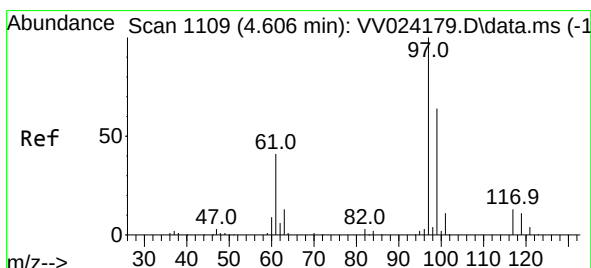
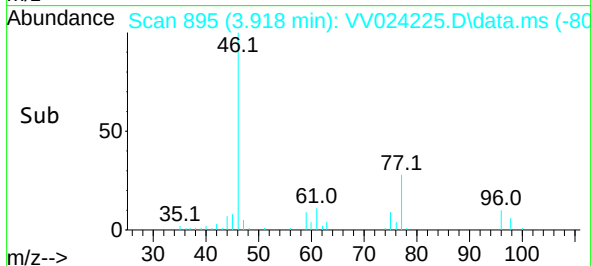
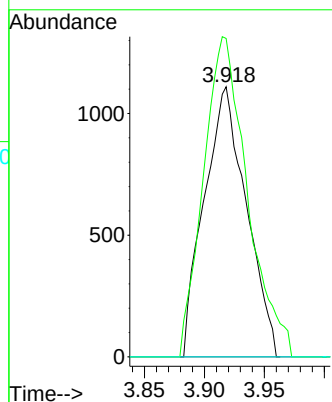
Tgt Ion: 96 Resp: 2708

Ion Ratio Lower Upper

96 100

61 117.9 83.4 154.8

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.150 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

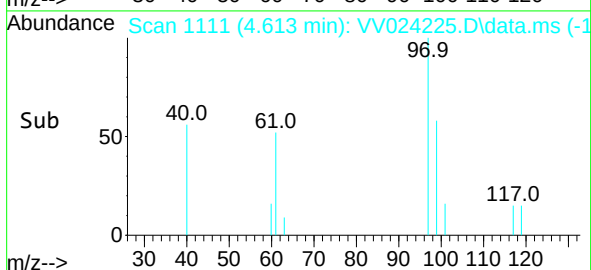
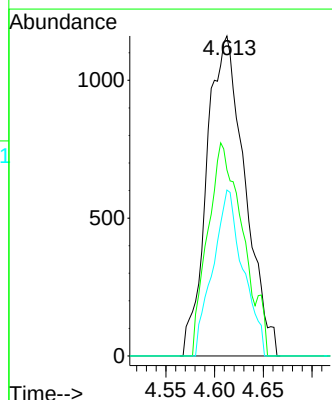
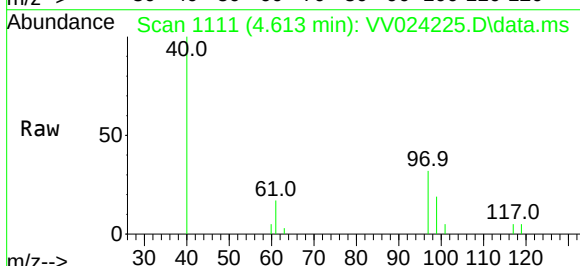
Tgt Ion: 97 Resp: 3153

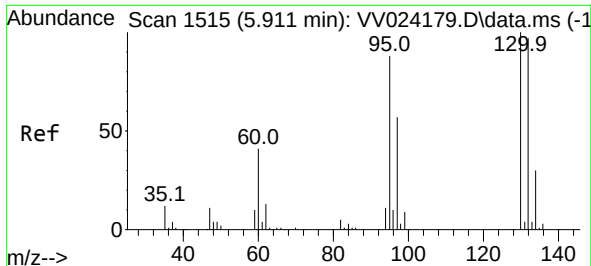
Ion Ratio Lower Upper

97 100

99 58.3 51.9 77.9

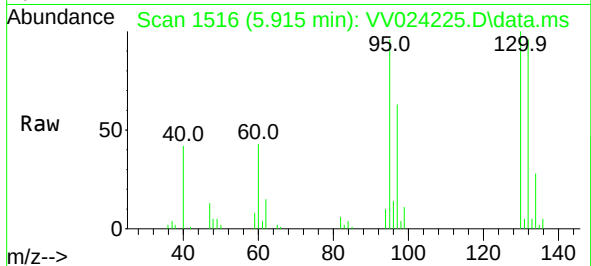
61 41.0 33.2 49.8



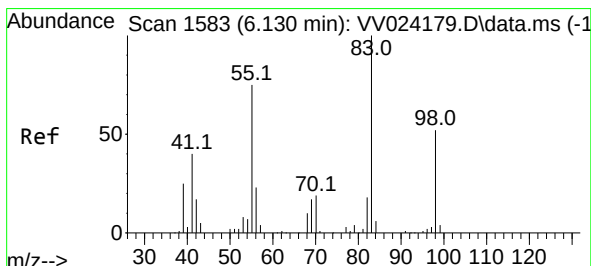
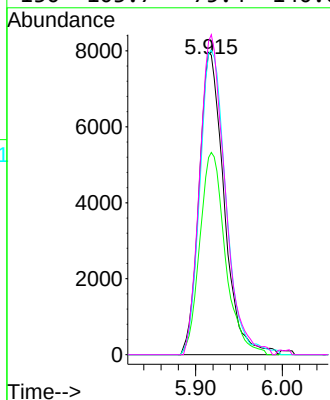
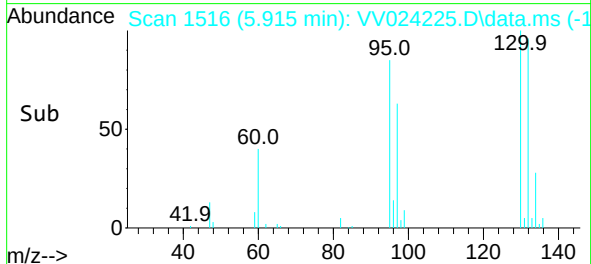


#34
Trichloroethene
Concen: 1.291 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024225.D
Acq: 28 Dec 2021 17:58

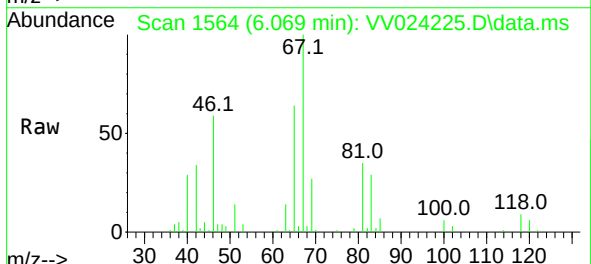
Instrument :
MSVOA_V
ClientSampleId :



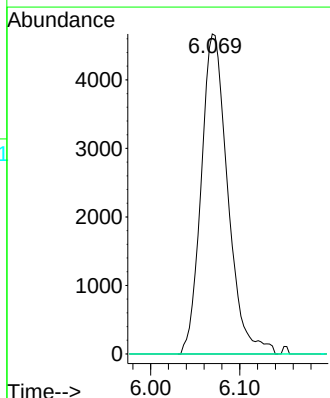
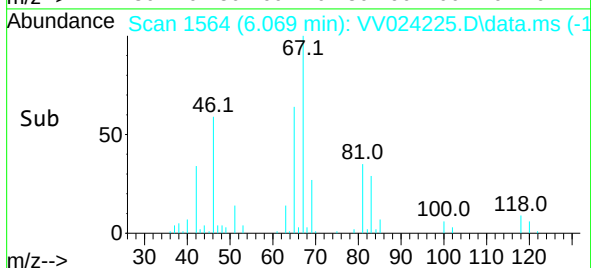
Tgt Ion: 95 Resp: 15920
Ion Ratio Lower Upper
95 100
97 65.3 45.2 84.0
132 99.6 76.1 141.3
130 103.7 75.4 140.0

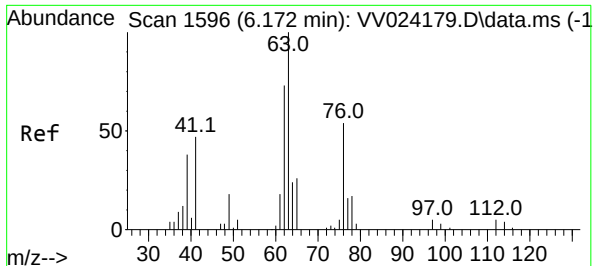


#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024225.D
Acq: 28 Dec 2021 17:58



Tgt Ion: 83 Resp: 9665
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 5.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.450 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

Instrument :

MSVOA_V

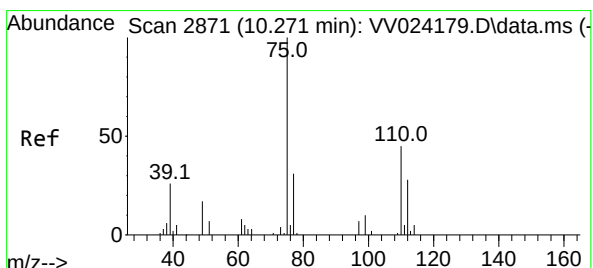
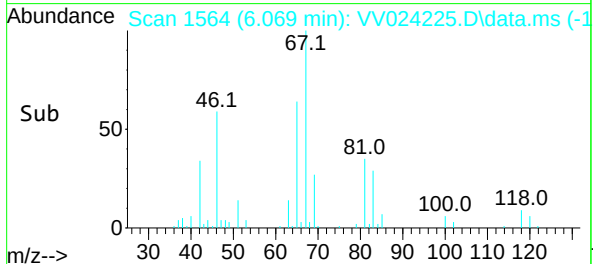
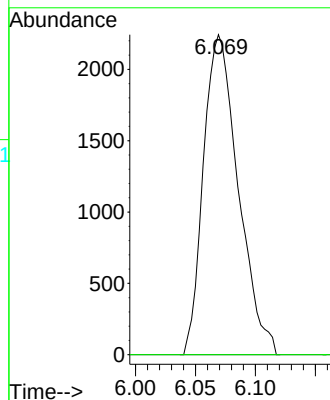
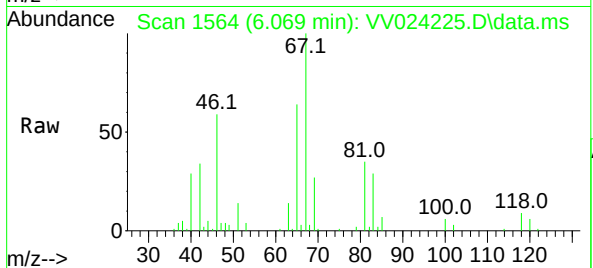
ClientSampleId :

Tgt Ion: 63 Resp: 4532

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#61

1,2,3-Trichloropropane

Concen: 0.759 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV024225.D

Acq: 28 Dec 2021 17:58

Tgt Ion: 75 Resp: 3776

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

110 1.4 34.2 51.2#

