

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024193.D
 Acq On : 27 Dec 2021 20:37
 Operator : SY/MD
 Sample : M5126-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:52:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

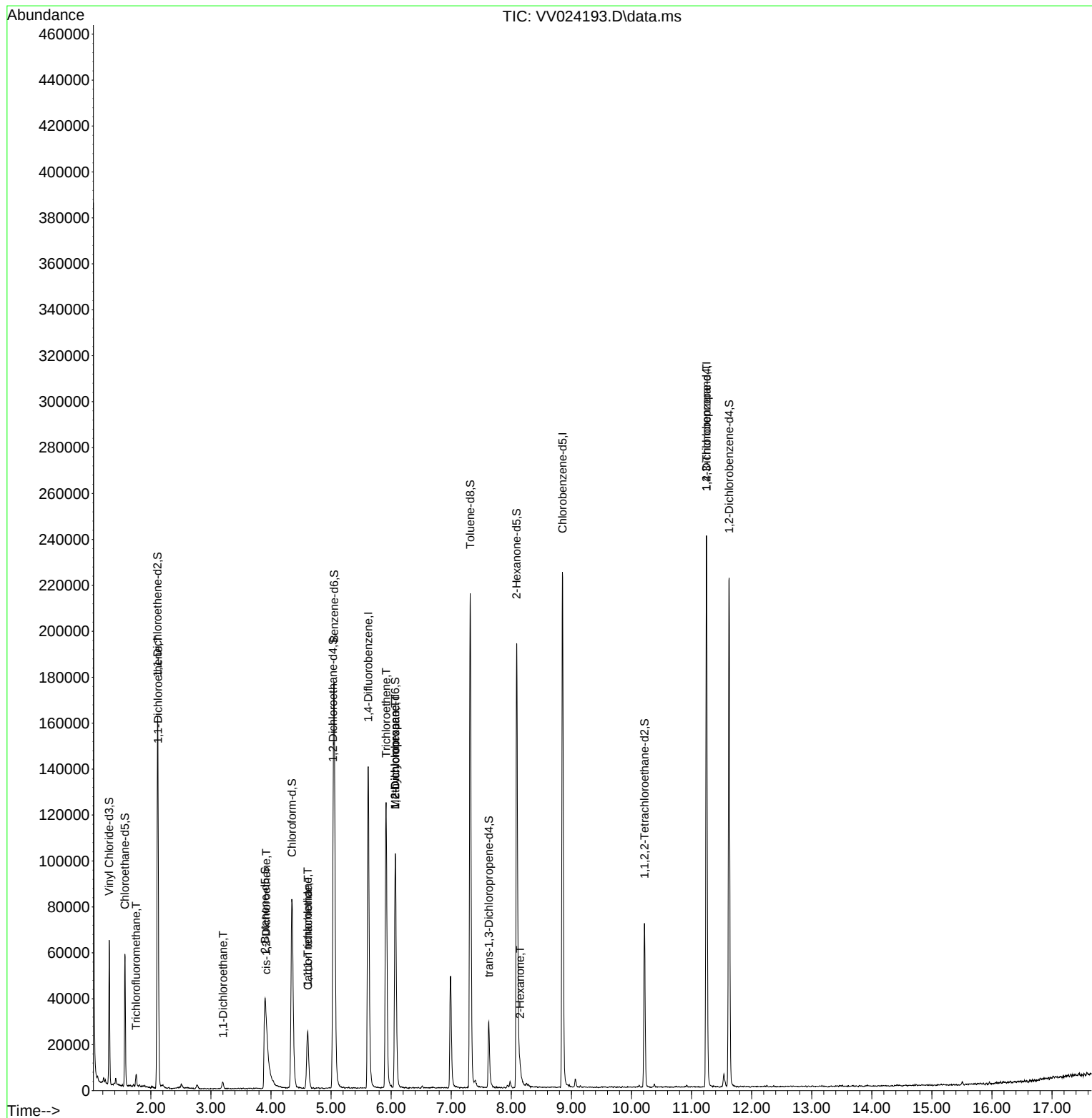
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126432	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37373	3.930	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.567	69	34929	4.404	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.111	63	70180	3.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.800%	
20) 2-Butanone-d5	3.902	46	83085	78.653	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	157.300%#	
24) Chloroform-d	4.349	84	85696	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.034	65	42875	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.050	84	161080	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.069	67	46189	4.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.316	98	144258	4.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.625	79	17029	4.214	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.088	63	68532	50.442	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31724	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57307	5.032	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	3261	0.089	ug/L	98
12) 1,1-Dichloroethene	2.121	96	22344	1.287	ug/L #	75
19) 1,1-Dichloroethane	3.201	63	3166	0.103	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	1156	0.063	ug/L	68
29) 1,1,1-Trichloroethane	4.612	97	19412	0.597	ug/L	97
31) Carbon tetrachloride	4.616	117	2520	0.084	ug/L	90
34) Trichloroethene	5.915	95	42048	2.202	ug/L	96
35) Methylcyclohexane	6.069	83	12355	0.447	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5883	0.377	ug/L #	84
48) 2-Hexanone	8.146	43	4422	0.810	ug/L #	94
61) 1,2,3-Trichloropropane	11.249	75	6667	0.860	ug/L #	62

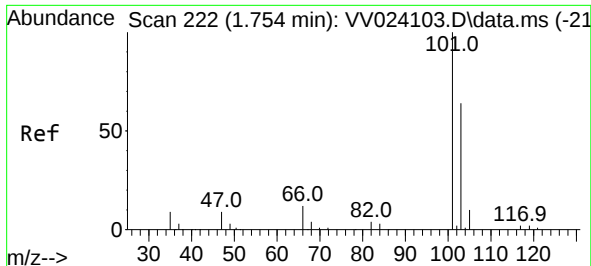
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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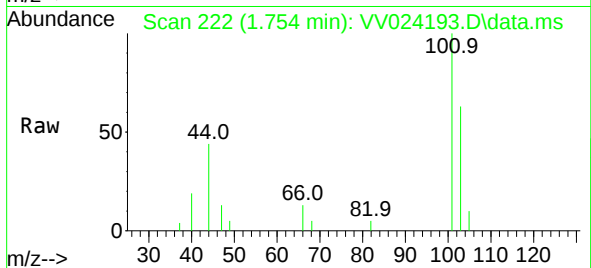
Quant Time: Dec 28 05:52:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



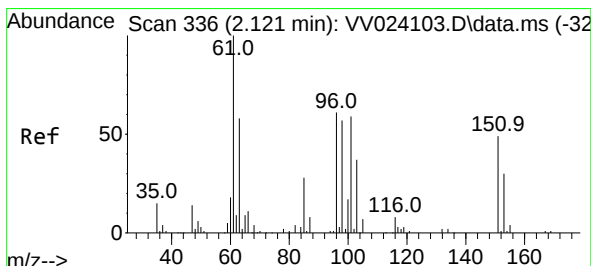
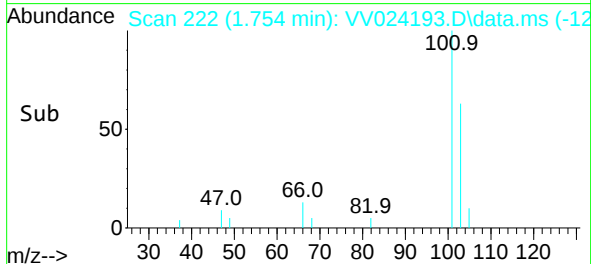
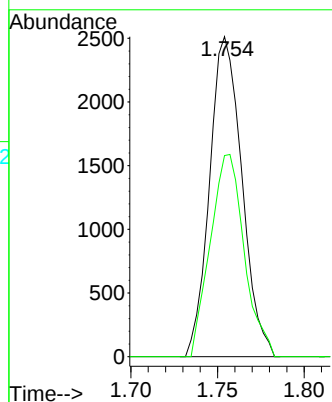


#9
 Trichlorofluoromethane
 Concen: 0.089 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024193.D
 Acq: 27 Dec 2021 20:37

Instrument :
 MSVOA_V
 ClientSampleId :

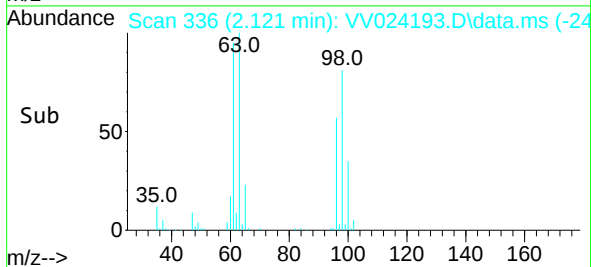
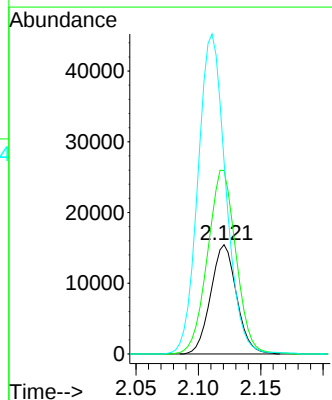
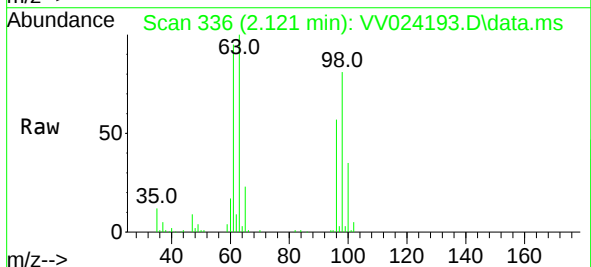


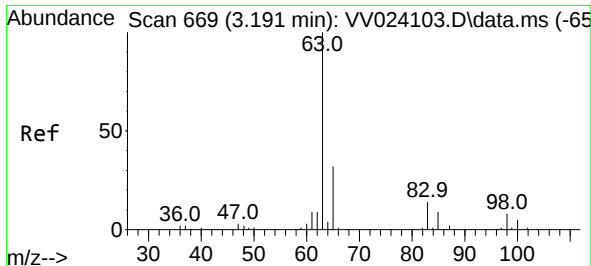
Tgt Ion:101 Resp: 3261
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 1.287 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024193.D
 Acq: 27 Dec 2021 20:37

Tgt Ion: 96 Resp: 22344
 Ion Ratio Lower Upper
 96 100
 61 167.9 116.1 215.5
 63 176.3 79.4 147.4#





#19

1,1-Dichloroethane

Concen: 0.103 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.009 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

Instrument :

MSVOA_V

ClientSampleId :

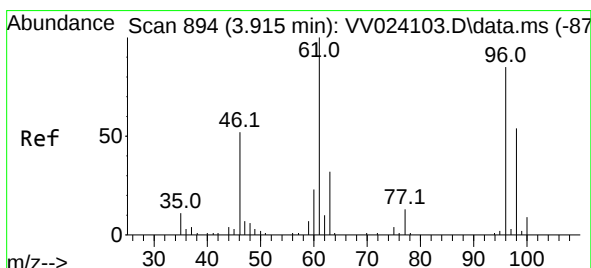
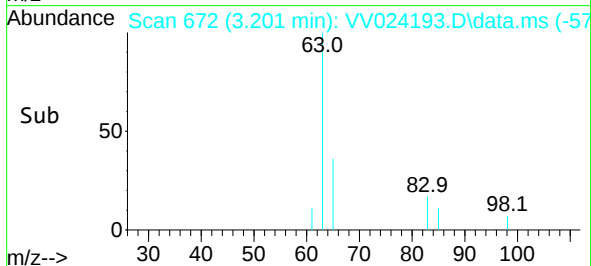
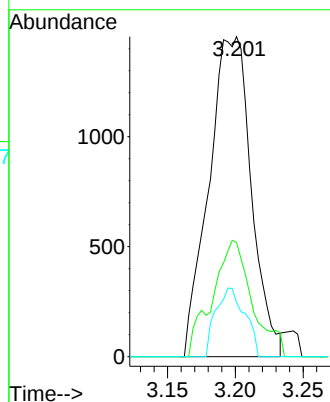
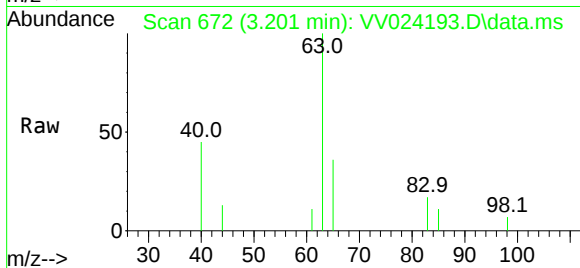
Tgt Ion: 63 Resp: 3166

Ion Ratio Lower Upper

63 100

65 35.7 22.3 41.3

83 16.9 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.063 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.009 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

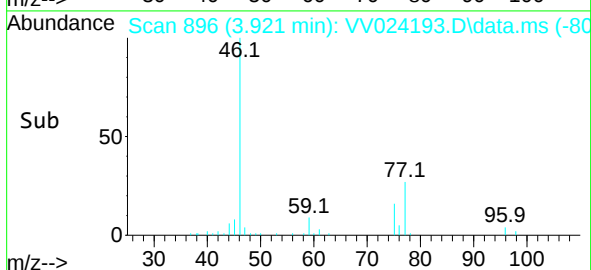
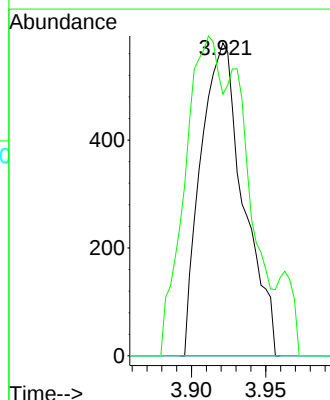
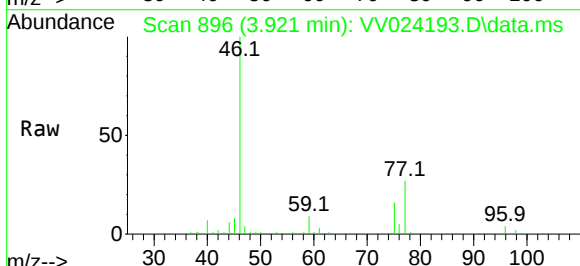
Tgt Ion: 96 Resp: 1156

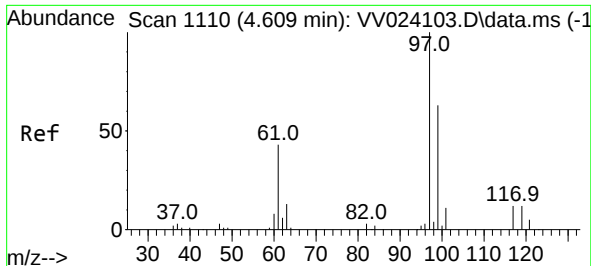
Ion Ratio Lower Upper

96 100

61 83.6 83.4 154.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.597 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

Instrument :

MSVOA_V

ClientSampleId :

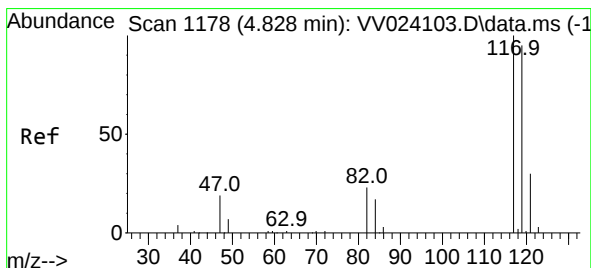
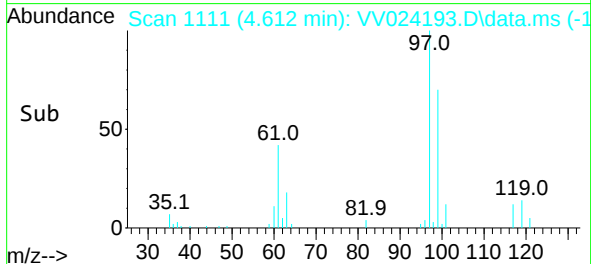
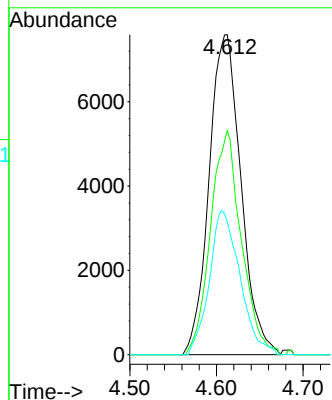
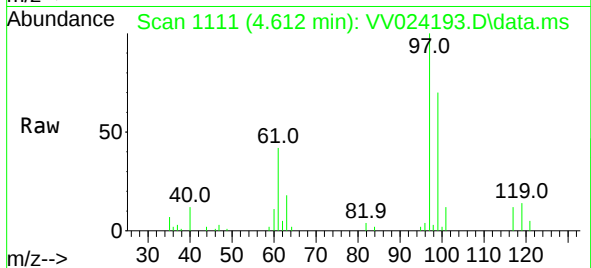
Tgt Ion: 97 Resp: 19412

Ion Ratio Lower Upper

97 100

99 67.5 51.9 77.9

61 43.2 33.2 49.8



#31

Carbon tetrachloride

Concen: 0.084 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. -0.212 min

Lab File: VV024193.D

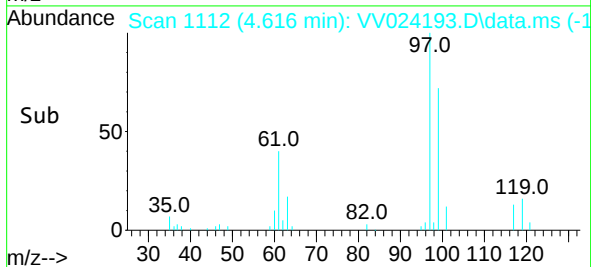
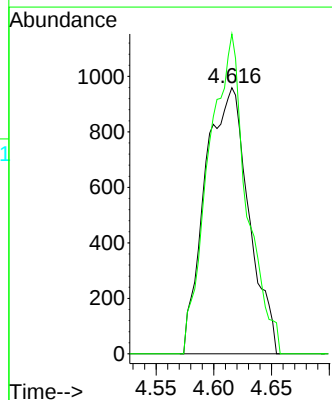
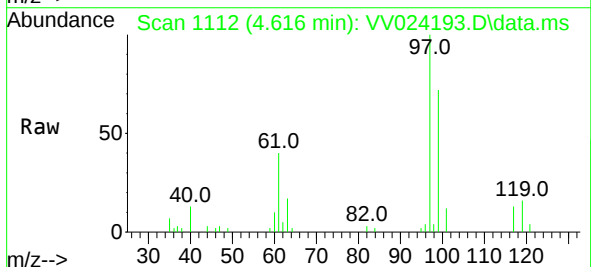
Acq: 27 Dec 2021 20:37

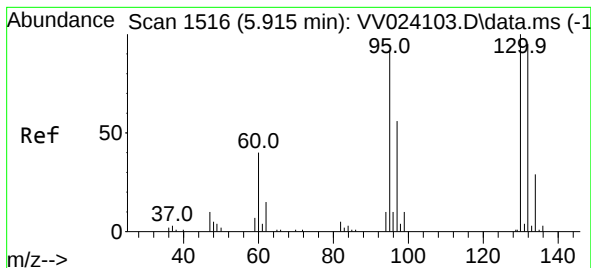
Tgt Ion: 117 Resp: 2520

Ion Ratio Lower Upper

117 100

119 105.2 76.6 114.8





#34

Trichloroethene

Concen: 2.202 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

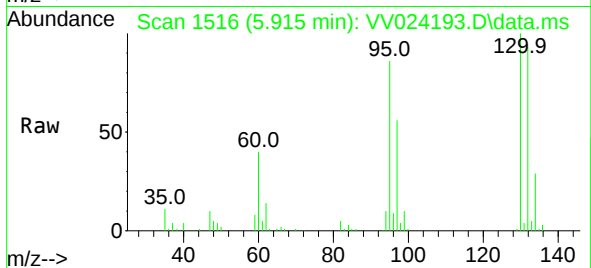
Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 42048

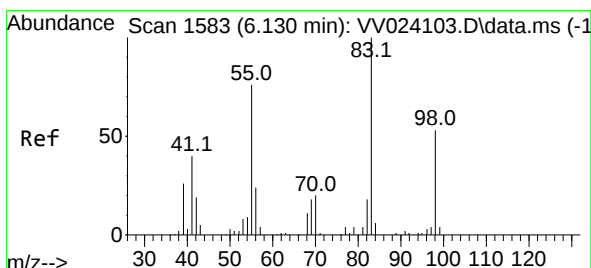
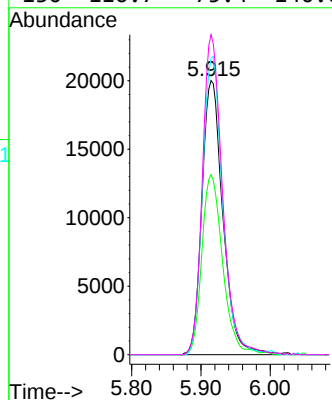
Ion Ratio Lower Upper

95 100

97 65.7 45.2 84.0

132 108.3 76.1 141.3

130 116.7 75.4 140.0



#35

Methylcyclohexane

Concen: 0.447 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

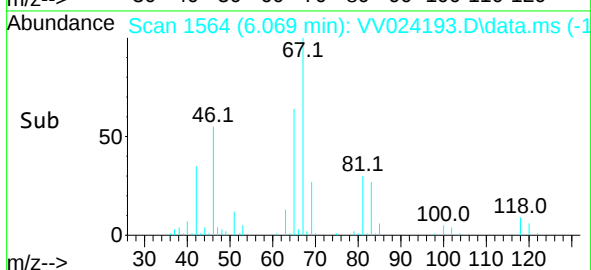
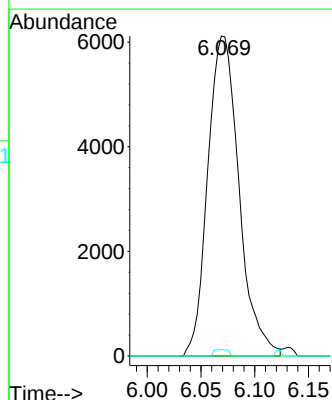
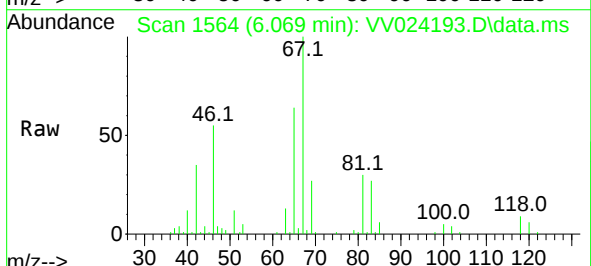
Tgt Ion: 83 Resp: 12355

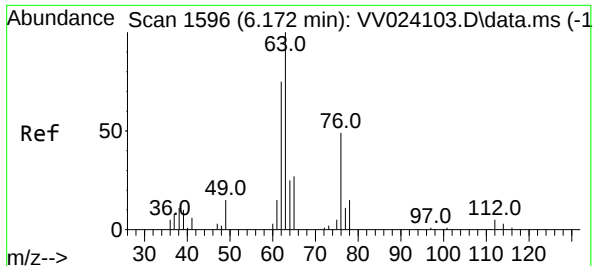
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.9 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

Instrument :

MSVOA_V

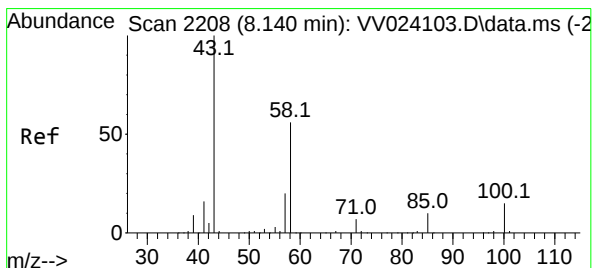
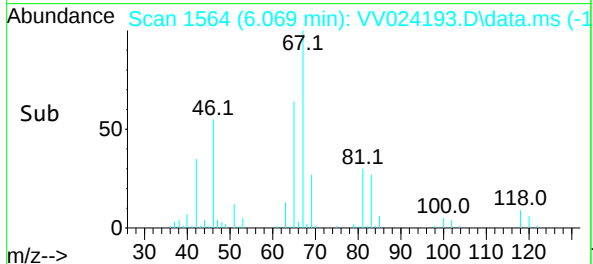
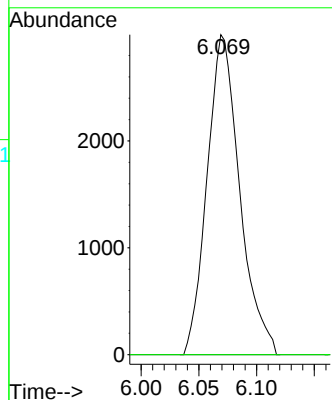
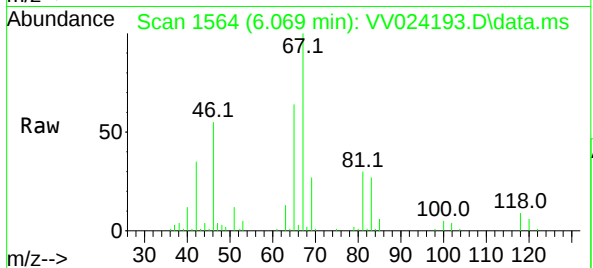
ClientSampleId :

Tgt Ion: 63 Resp: 5883

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 0.810 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV024193.D

Acq: 27 Dec 2021 20:37

Tgt Ion: 43 Resp: 4422

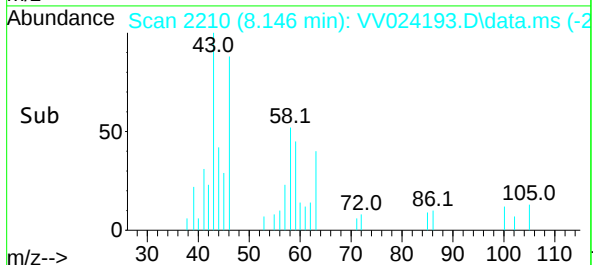
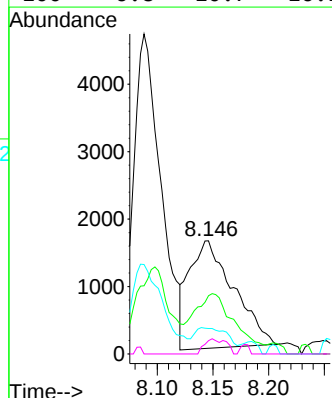
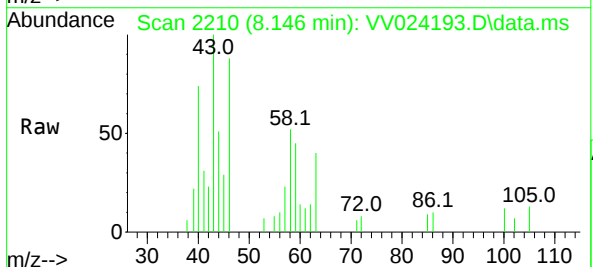
Ion Ratio Lower Upper

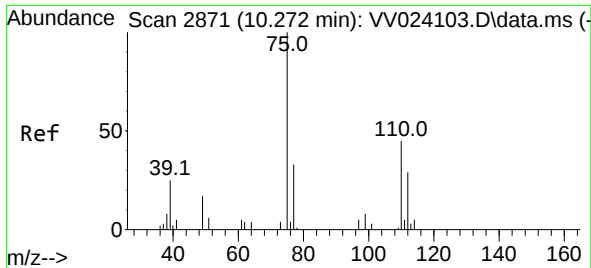
43 100

58 51.7 44.5 66.7

57 18.9 15.1 22.7

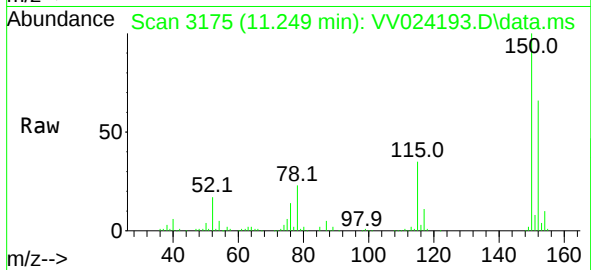
100 6.8 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 0.860 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024193.D
 Acq: 27 Dec 2021 20:37

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6667
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.4 39.6
 110 2.1 34.2 51.2#

