

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024219.D
 Acq On : 28 Dec 2021 15:35
 Operator : SY/MD
 Sample : M5193-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:06:04 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)

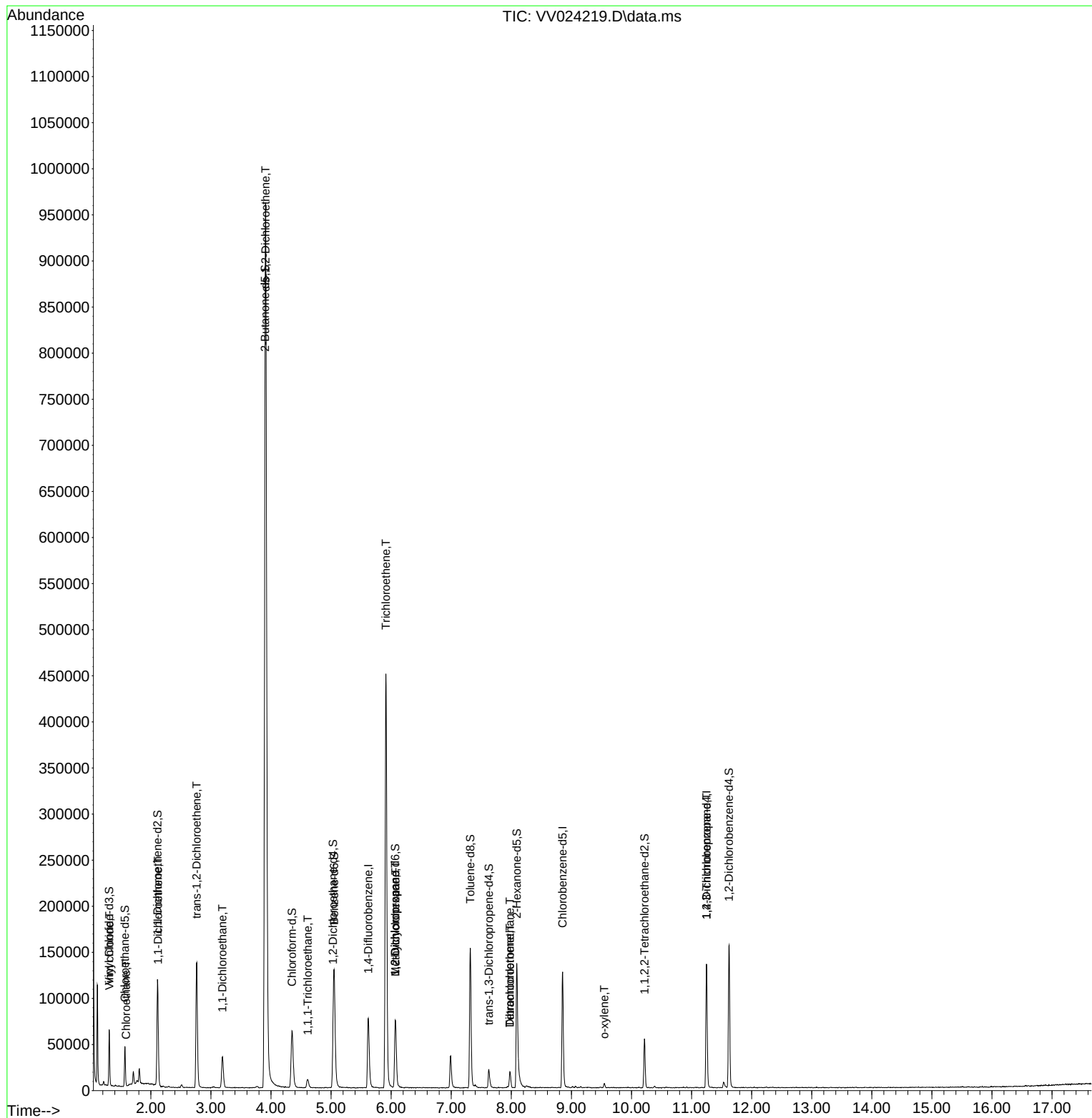
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	70088	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	73362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	38130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26847	5.093	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.568	69	25114	5.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.200%	
11) 1,1-Dichloroethene-d2	2.111	63	49844	3.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	3.899	46	58745	100.318	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	200.640%#	
24) Chloroform-d	4.349	84	63922	5.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.200%	
26) 1,2-Dichloroethane-d4	5.034	65	31716	6.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	126.600%	
32) Benzene-d6	5.050	84	117964	5.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.000%	
36) 1,2-Dichloropropane-d6	6.069	67	33143	6.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	122.200%	
41) Toluene-d8	7.317	98	102150	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
43) trans-1,3-Dichloroprop...	7.625	79	12138	5.282	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.600%	
46) 2-Hexanone-d5	8.091	63	48019	62.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22450	6.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	41409	6.247	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	125.000%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	3886	0.310	ug/L #	80
8) Chloroethane	1.590	64	1183	0.162	ug/L	99
12) 1,1-Dichloroethene	2.121	96	14210	1.477	ug/L #	68
18) trans-1,2-Dichloroethene	2.760	96	52785	5.165	ug/L	99
19) 1,1-Dichloroethane	3.191	63	32571	1.914	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	535597	52.956	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	7480	0.404	ug/L	94
34) Trichloroethene	5.911	95	146876	13.524	ug/L	96
35) Methylcyclohexane	6.072	83	9771	0.621	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4138	0.466	ug/L #	84
47) Tetrachloroethene	7.976	164	4223	0.437	ug/L	98
49) Dibromochloromethane	7.976	129	3577	0.404	ug/L #	11
54) o-xylene	9.548	106	1348	0.078	ug/L	83
61) 1,2,3-Trichloropropane	11.249	75	3935	0.872	ug/L #	61

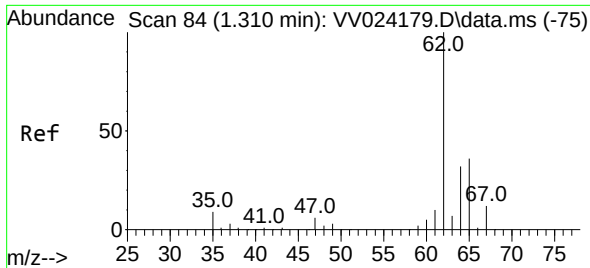
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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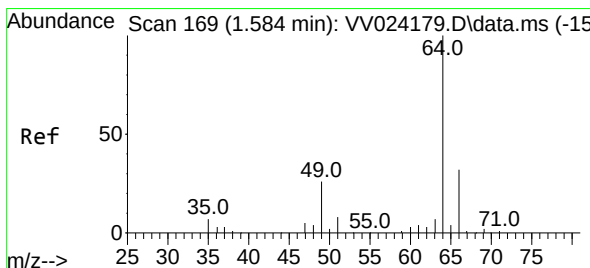
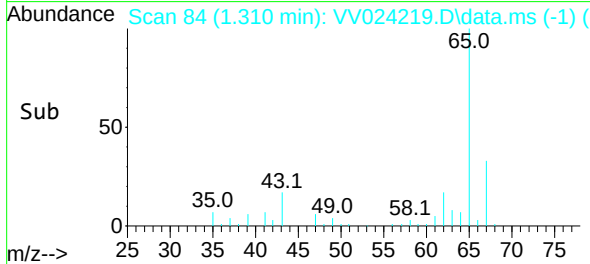
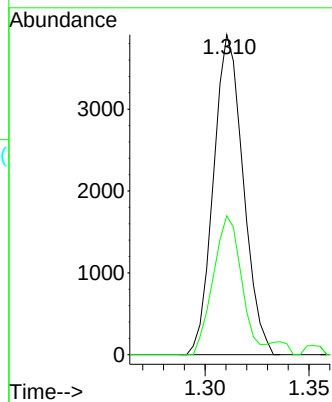
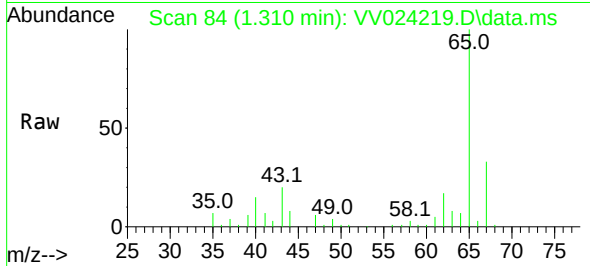




#5
 Vinyl chloride
 Concen: 0.310 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024219.D
 Acq: 28 Dec 2021 15:35

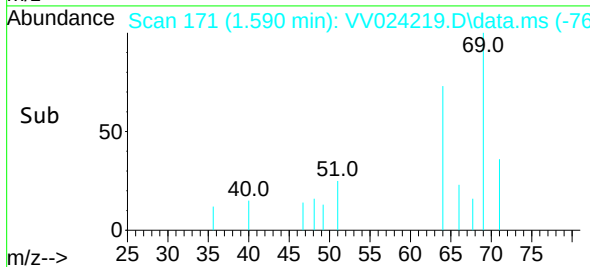
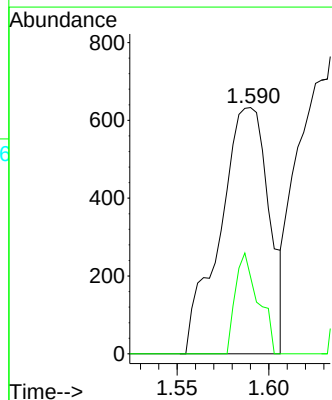
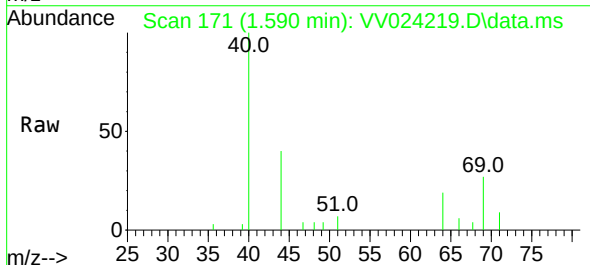
Instrument :
 MSVOA_V
 ClientSampleId :

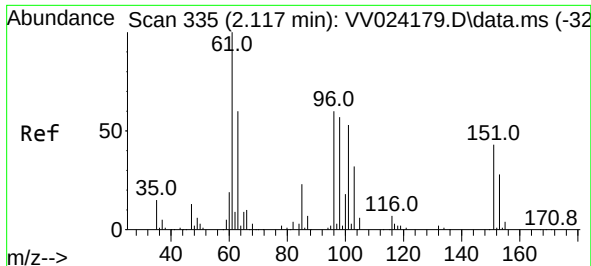
Tgt Ion: 62 Resp: 3886
 Ion Ratio Lower Upper
 62 100
 64 43.4 22.4 41.6#



#8
 Chloroethane
 Concen: 0.162 ug/L
 RT: 1.590 min Scan# 171
 Delta R.T. 0.006 min
 Lab File: VV024219.D
 Acq: 28 Dec 2021 15:35

Tgt Ion: 64 Resp: 1183
 Ion Ratio Lower Upper
 64 100
 66 31.1 21.4 39.8





#12

1,1-Dichloroethene

Concen: 1.477 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

Instrument :

MSVOA_V

ClientSampleId :

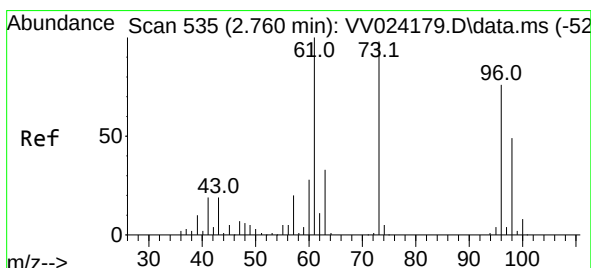
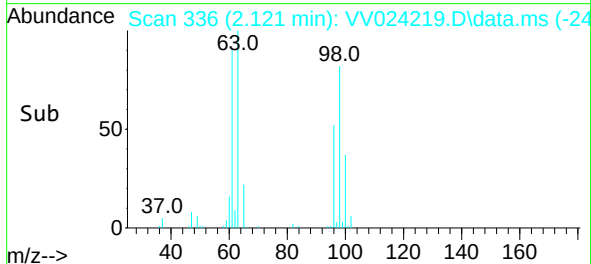
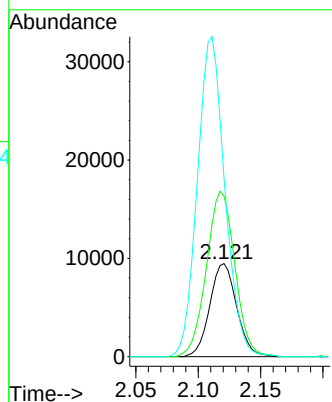
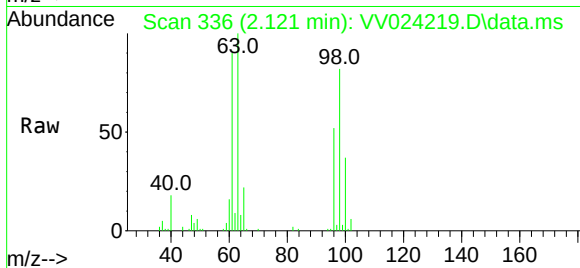
Tgt Ion: 96 Resp: 14210

Ion Ratio Lower Upper

96 100

61 172.4 116.1 215.5

63 191.5 79.4 147.4#



#18

trans-1,2-Dichloroethene

Concen: 5.165 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

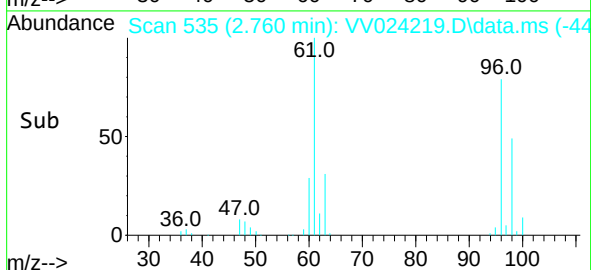
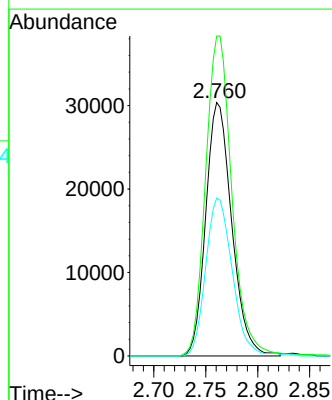
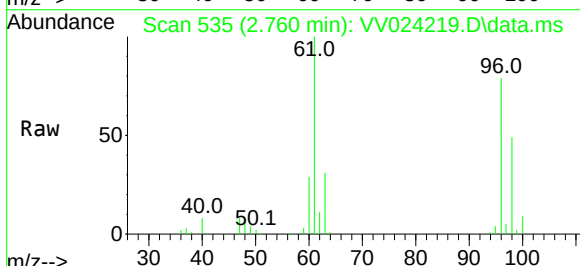
Tgt Ion: 96 Resp: 52785

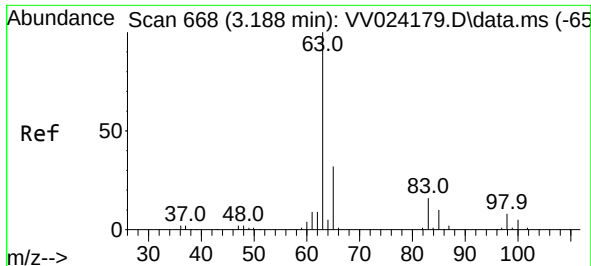
Ion Ratio Lower Upper

96 100

61 126.2 88.2 163.8

98 62.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 1.914 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

Instrument :

MSVOA_V

ClientSampleId :

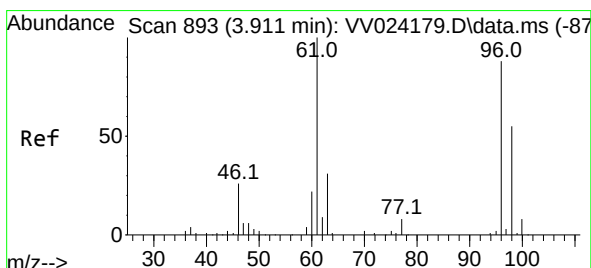
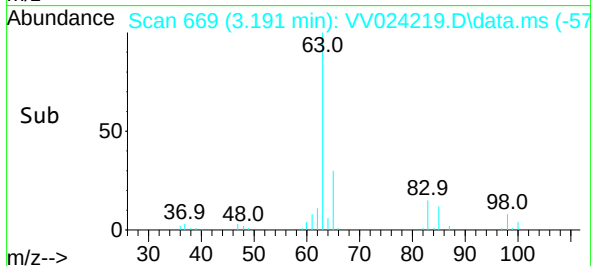
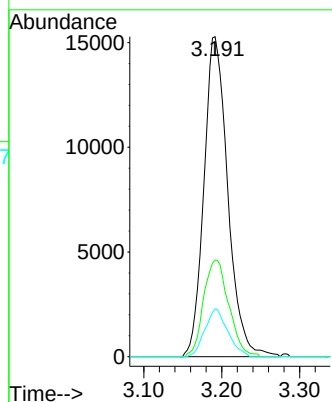
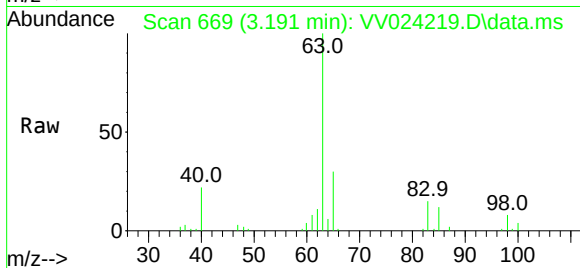
Tgt Ion: 63 Resp: 32571

Ion Ratio Lower Upper

63 100

65 30.2 22.3 41.3

83 14.9 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 52.956 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

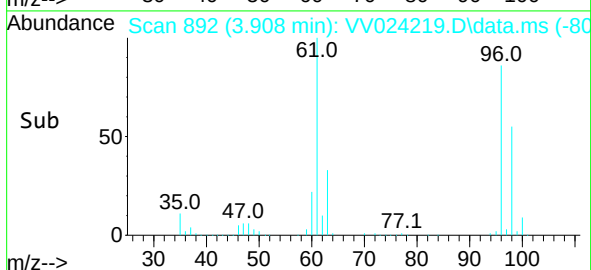
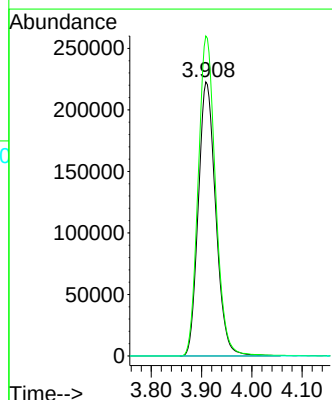
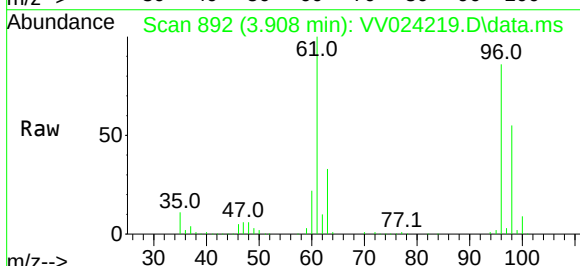
Tgt Ion: 96 Resp: 535597

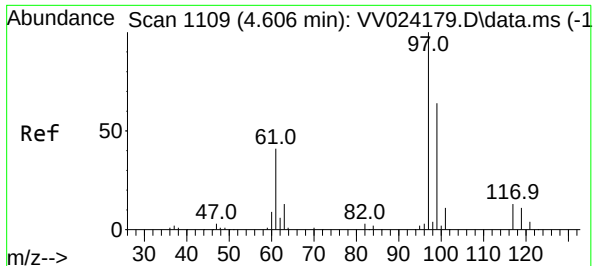
Ion Ratio Lower Upper

96 100

61 116.7 83.4 154.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.404 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

Instrument :

MSVOA_V

ClientSampleId :

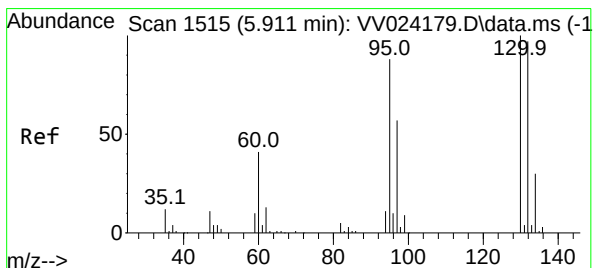
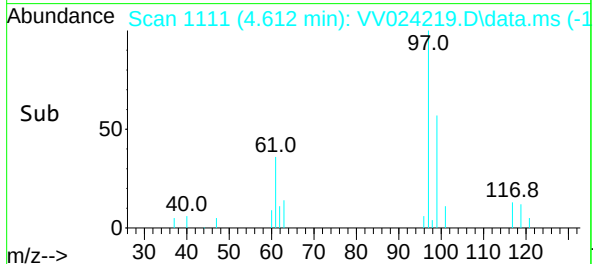
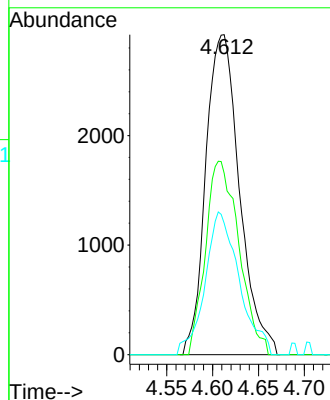
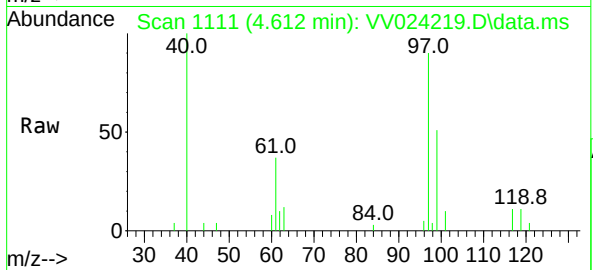
Tgt Ion: 97 Resp: 7480

Ion Ratio Lower Upper

97 100

99 59.8 51.9 77.9

61 45.0 33.2 49.8



#34

Trichloroethene

Concen: 13.524 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

Tgt Ion: 95 Resp: 146876

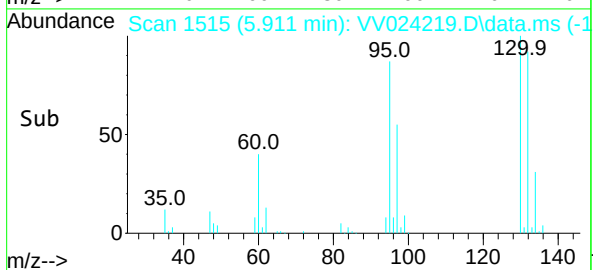
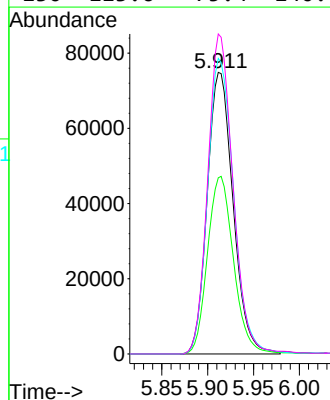
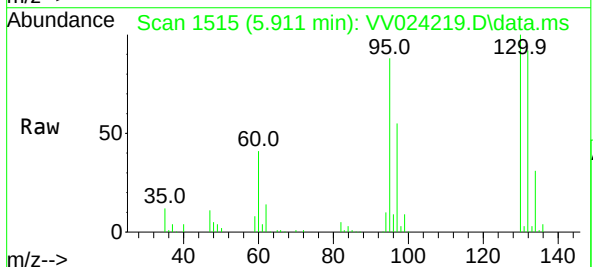
Ion Ratio Lower Upper

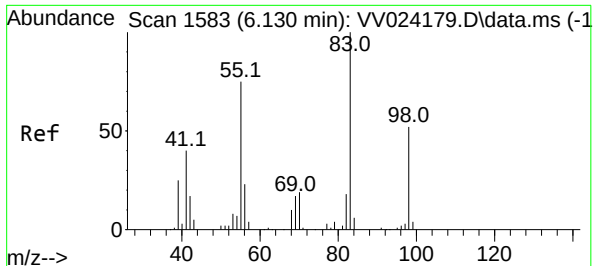
95 100

97 62.6 45.2 84.0

132 105.0 76.1 141.3

130 113.6 75.4 140.0

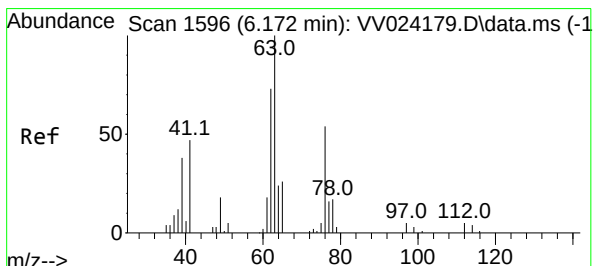
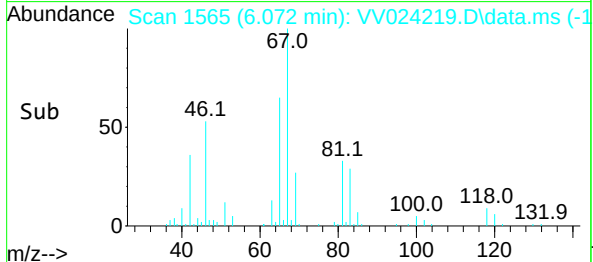
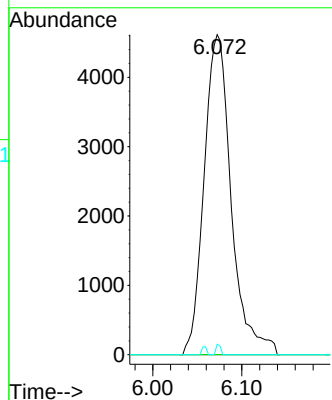
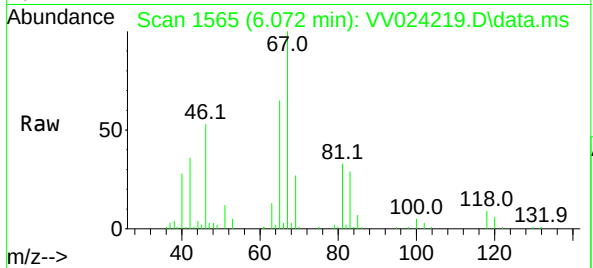




#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV024219.D
Acq: 28 Dec 2021 15:35

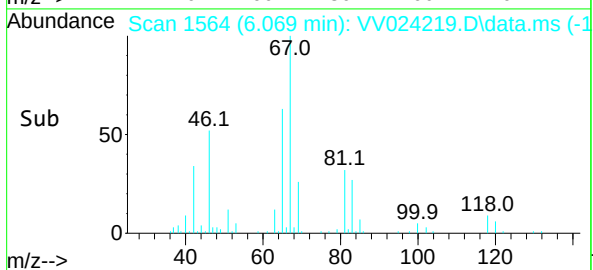
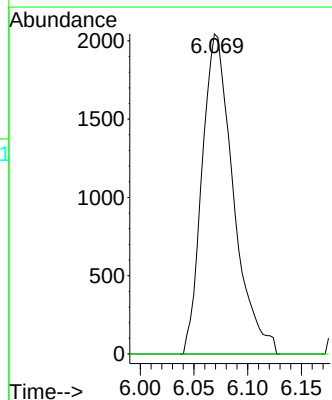
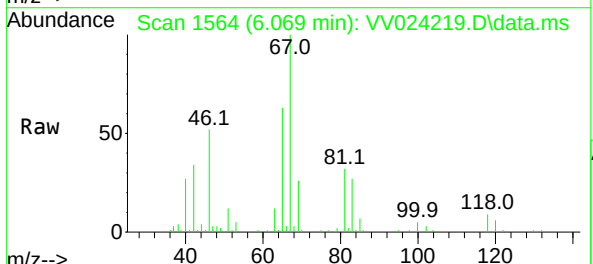
Instrument :
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ClientSampleId :

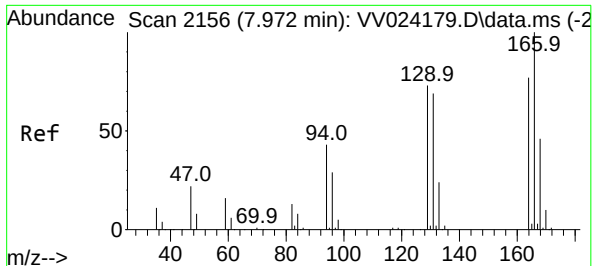
Tgt Ion: 83 Resp: 9771
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.0 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV024219.D
Acq: 28 Dec 2021 15:35

Tgt Ion: 63 Resp: 4138
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 0.437 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

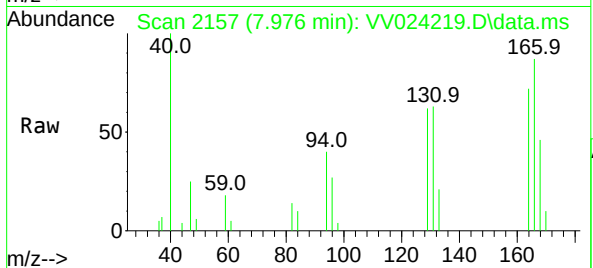
Lab File: VV024219.D

Acq: 28 Dec 2021 15:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4223

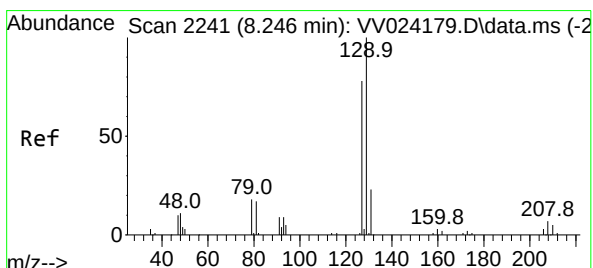
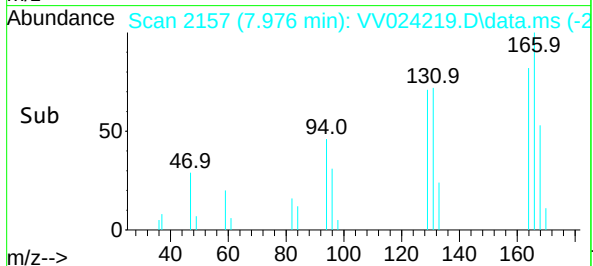
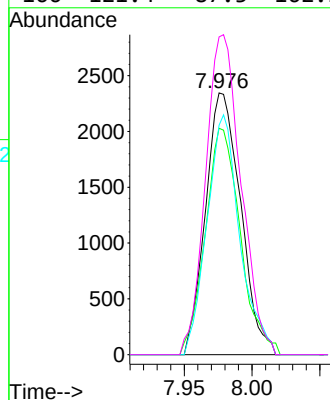
Ion Ratio Lower Upper

164 100

129 86.5 62.6 116.2

131 87.7 61.0 113.4

166 121.4 87.3 162.1



#49

Dibromochloromethane

Concen: 0.404 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024219.D

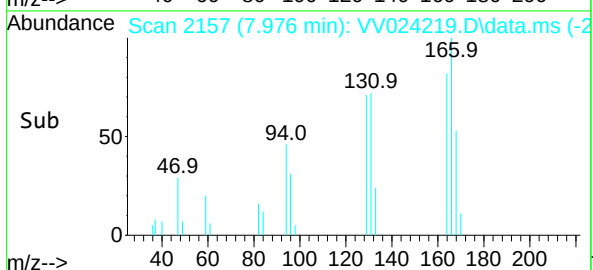
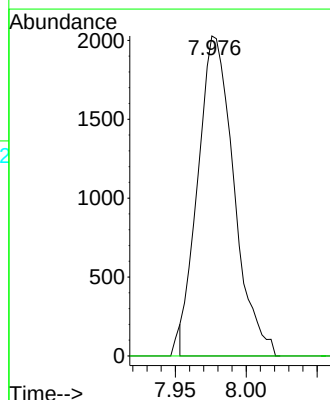
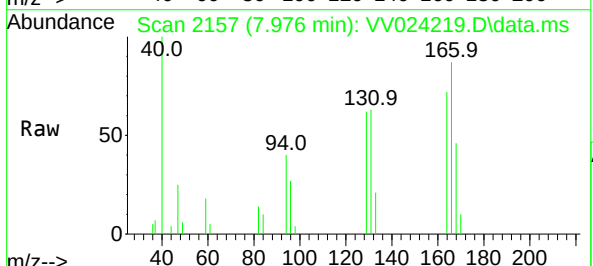
Acq: 28 Dec 2021 15:35

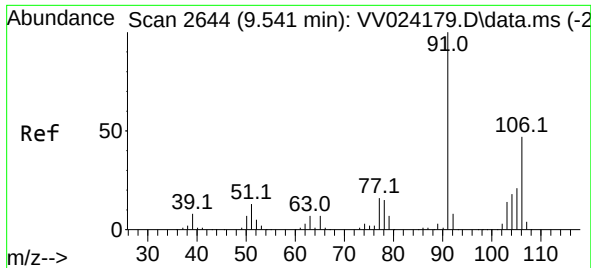
Tgt Ion:129 Resp: 3577

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

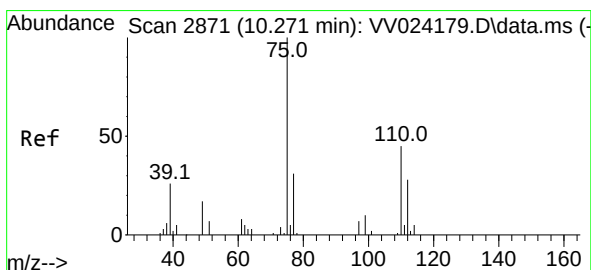
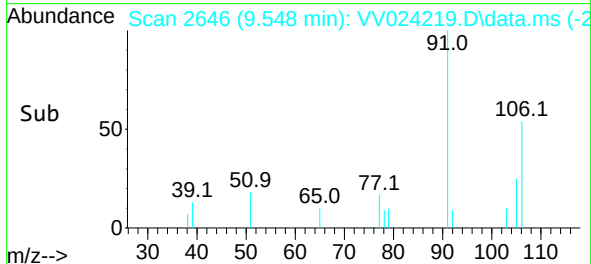
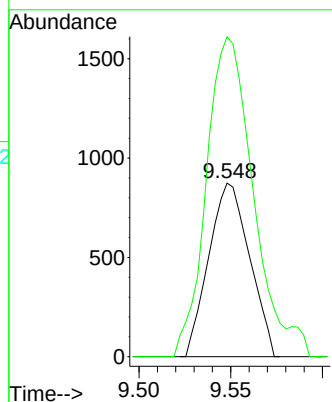
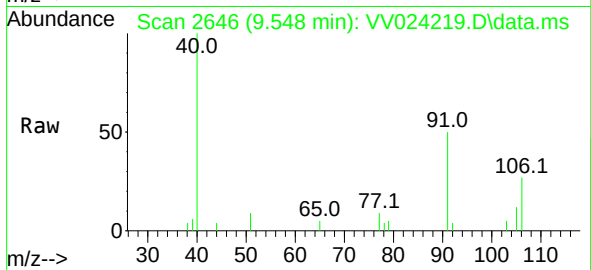




#54
o-xylene
Concen: 0.078 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV024219.D
Acq: 28 Dec 2021 15:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1348
Ion Ratio Lower Upper
106 100
91 184.3 147.9 274.7



#61
1,2,3-Trichloropropane
Concen: 0.872 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV024219.D
Acq: 28 Dec 2021 15:35

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
77 36.4 26.4 39.6
110 1.1 34.2 51.2#

