

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024220.D
 Acq On : 28 Dec 2021 15:59
 Operator : SY/MD
 Sample : M5193-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:06:15 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)

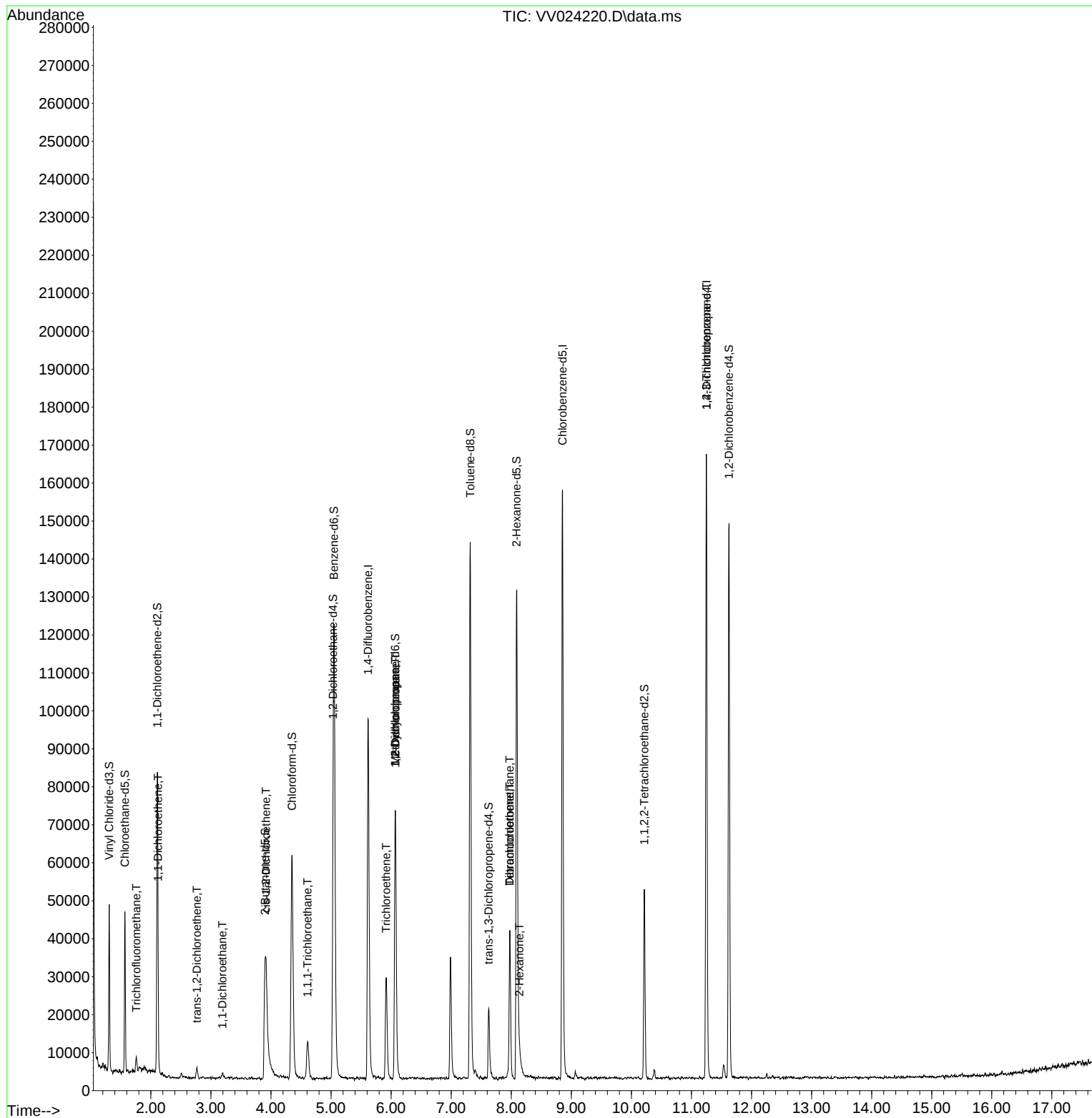
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	86924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	90460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25607	3.917	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.567	69	24340	4.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.108	63	41039	2.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	51.600%#	
20) 2-Butanone-d5	3.902	46	55249	76.074	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	152.140%#	
24) Chloroform-d	4.349	84	61393	4.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.034	65	30414	4.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.050	84	110216	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.069	67	31493	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.316	98	95692	3.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	7.625	79	10966	3.870	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.088	63	44942	47.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21654	4.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	39016	4.817	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	2344	0.093	ug/L	88
12) 1,1-Dichloroethene	2.121	96	1190	0.100	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	1152	0.091	ug/L	94
19) 1,1-Dichloroethane	3.191	63	1640	0.078	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	7764	0.619	ug/L	92
29) 1,1,1-Trichloroethane	4.609	97	8660	0.380	ug/L	97
34) Trichloroethene	5.918	95	8991	0.671	ug/L	95
35) Methylcyclohexane	6.069	83	8826	0.455	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4122	0.377	ug/L #	84
47) Tetrachloroethene	7.976	164	9333	0.783	ug/L	96
48) 2-Hexanone	8.136	43	3013	0.787	ug/L #	55
49) Dibromochloromethane	7.976	129	8078	0.740	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	4206	0.763	ug/L #	60

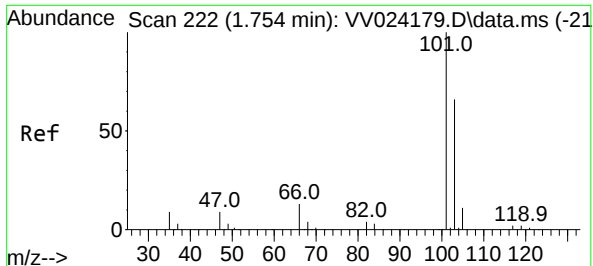
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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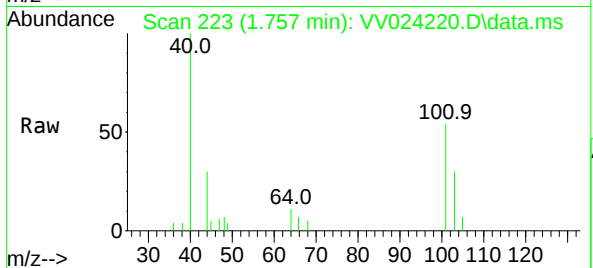
Quant Time: Dec 29 05:06:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 29 04:43:10 2021
Response via : Initial Calibration



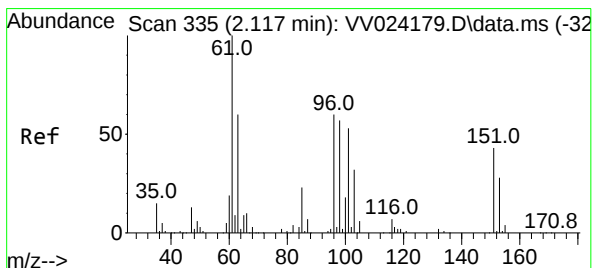
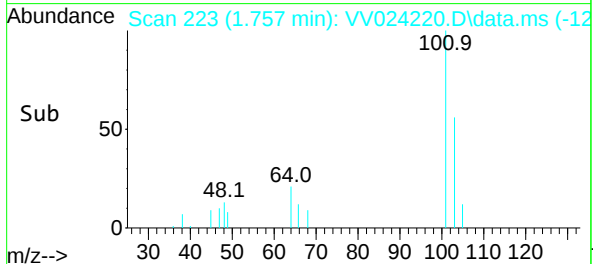
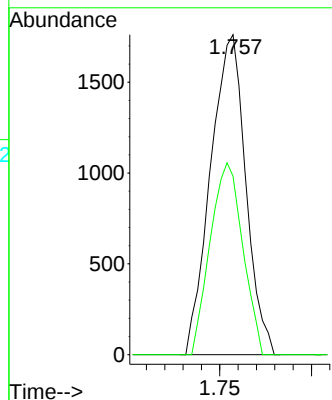


#9
Trichlorofluoromethane
Concen: 0.093 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Instrument :
MSVOA_V
ClientSampleId :

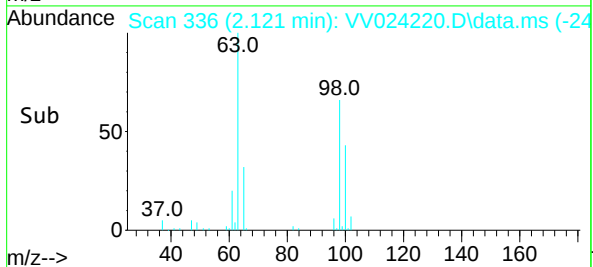
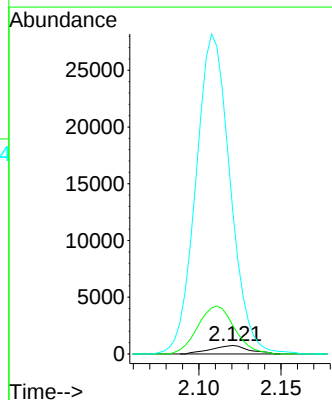
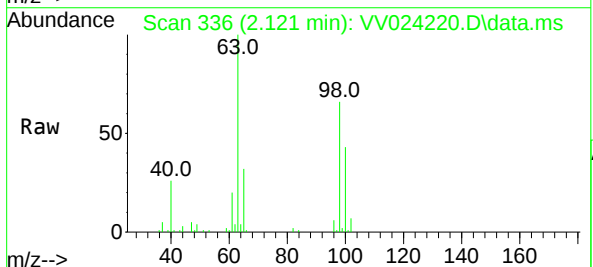


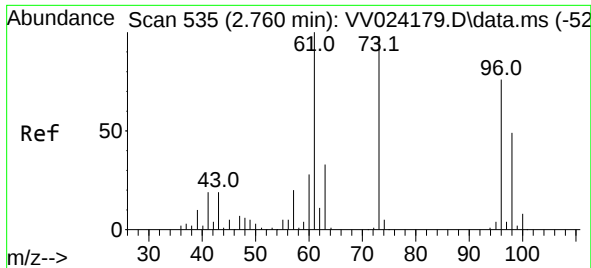
Tgt Ion:101 Resp: 2344
Ion Ratio Lower Upper
101 100
103 55.3 51.6 77.4



#12
1,1-Dichloroethene
Concen: 0.100 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Tgt Ion: 96 Resp: 1190
Ion Ratio Lower Upper
96 100
61 339.2 116.1 215.5#
63 1703.9 79.4 147.4#

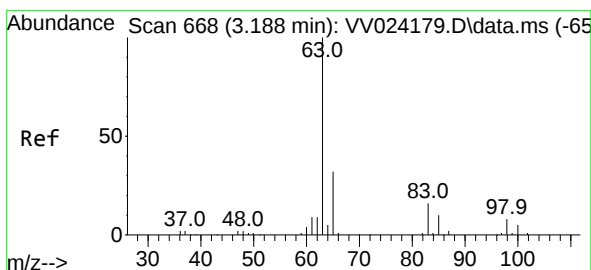
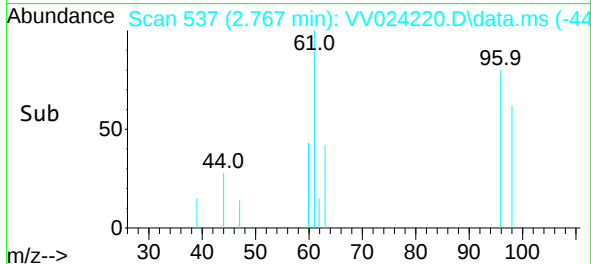
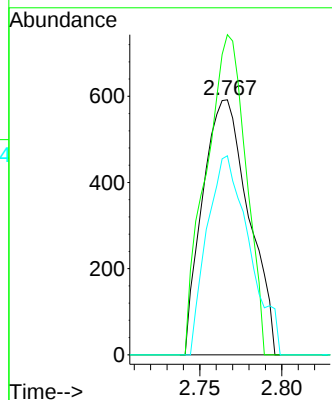
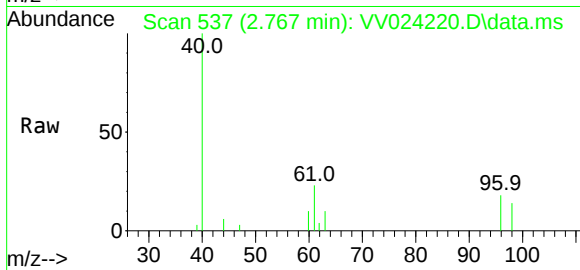




#18
 trans-1,2-Dichloroethene
 Concen: 0.091 ug/L
 RT: 2.767 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

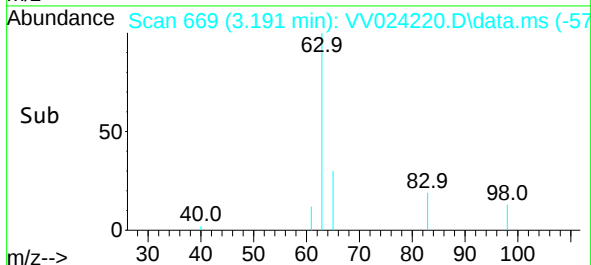
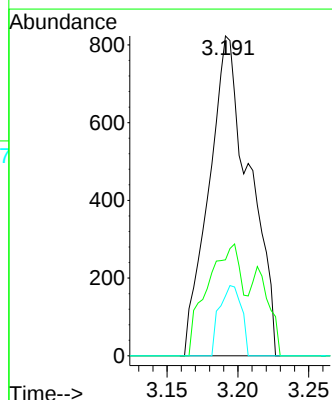
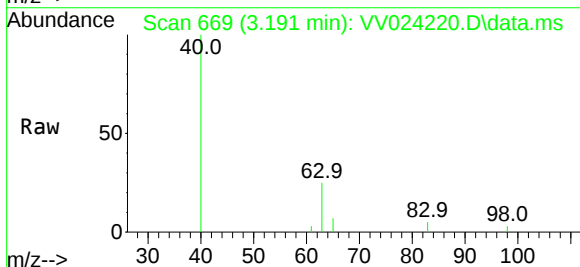
Instrument :
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 ClientSampleId :

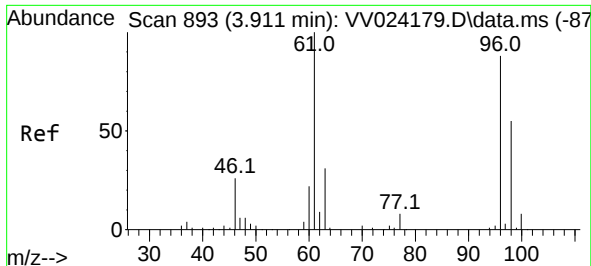
Tgt Ion: 96 Resp: 1152
 Ion Ratio Lower Upper
 96 100
 61 125.5 88.2 163.8
 98 78.0 44.9 83.5



#19
 1,1-Dichloroethane
 Concen: 0.078 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

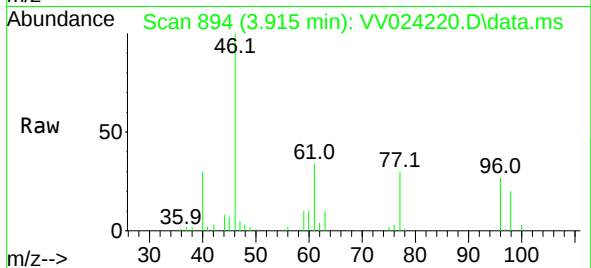
Tgt Ion: 63 Resp: 1640
 Ion Ratio Lower Upper
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 65 30.0 22.3 41.3
 83 18.7 10.7 19.9





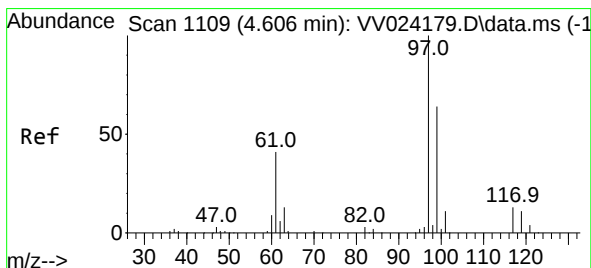
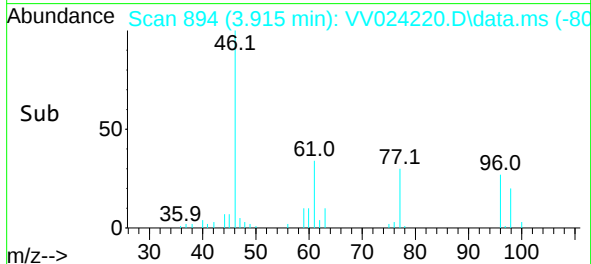
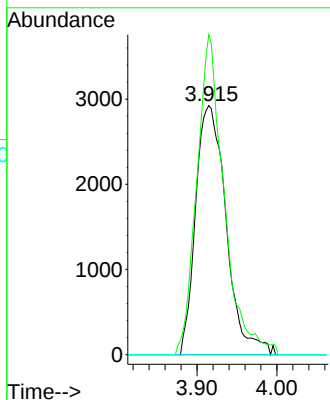
#22
 cis-1,2-Dichloroethene
 Concen: 0.619 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 7764

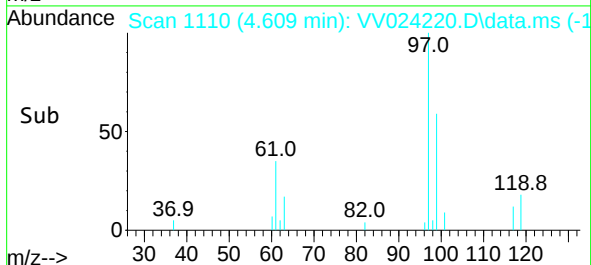
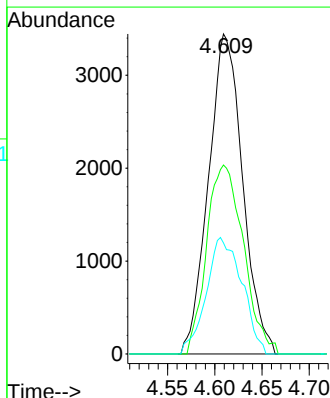
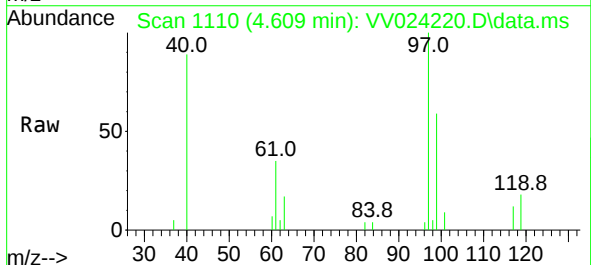
Ion	Ratio	Lower	Upper
96	100		
61	128.5	83.4	154.8
68	0.0	0.0	0.0

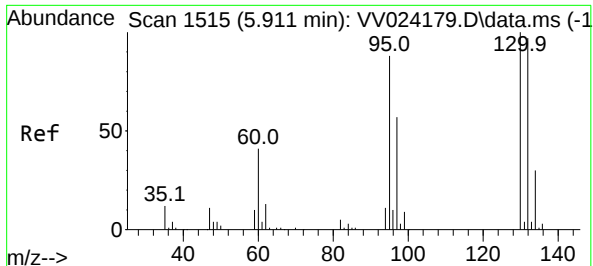


#29
 1,1,1-Trichloroethane
 Concen: 0.380 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.003 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

Tgt Ion: 97 Resp: 8660

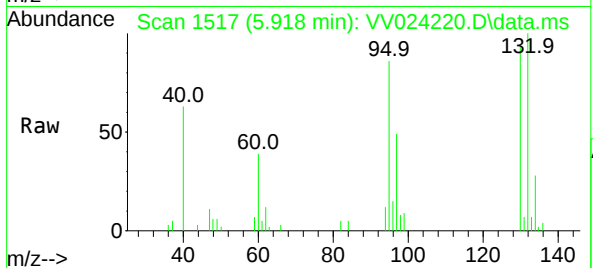
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.9	77.9
61	38.0	33.2	49.8



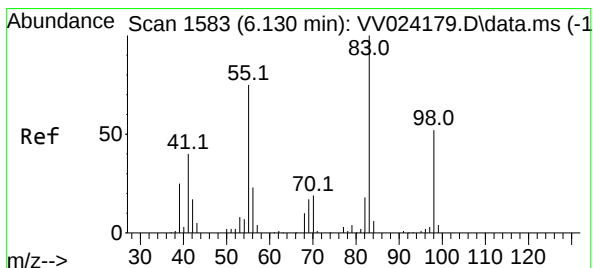
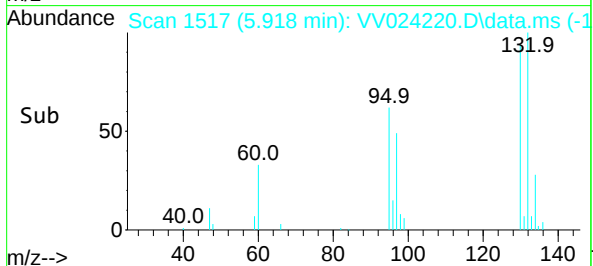
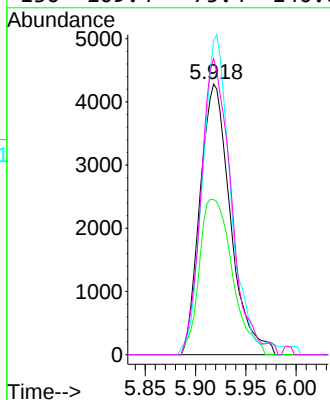


#34
Trichloroethene
Concen: 0.671 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Instrument :
MSVOA_V
ClientSampleId :

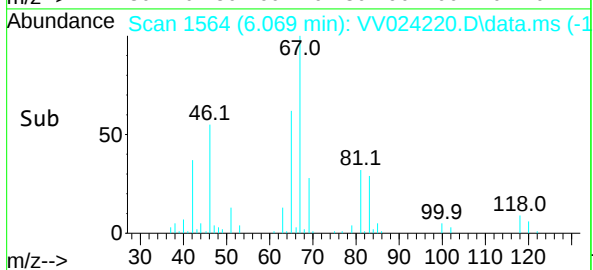
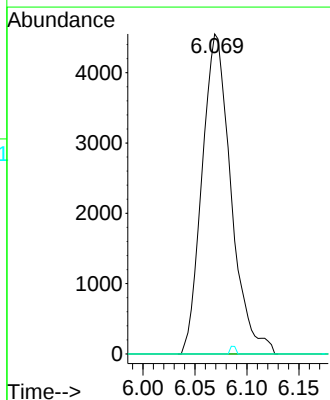
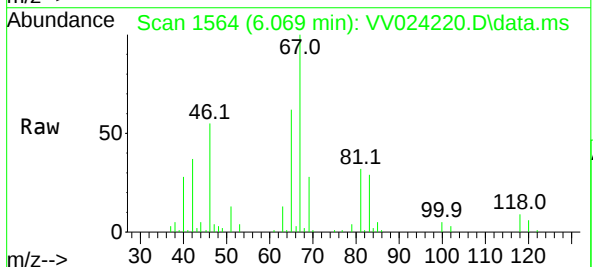


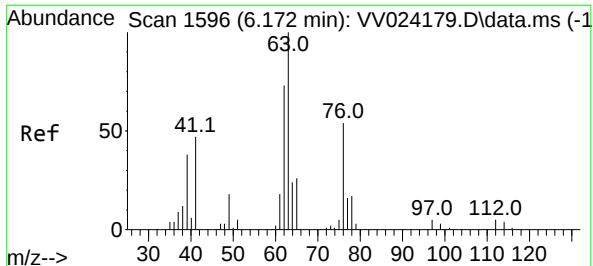
Tgt Ion:	95	Resp:	8991
Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.2	84.0
132	115.8	76.1	141.3
130	109.4	75.4	140.0



#35
Methylcyclohexane
Concen: 0.455 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Tgt Ion:	83	Resp:	8826
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	0.5	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Instrument :

MSVOA_V

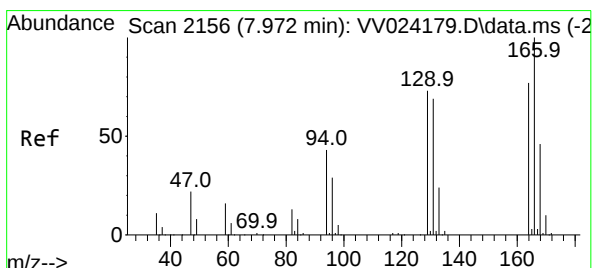
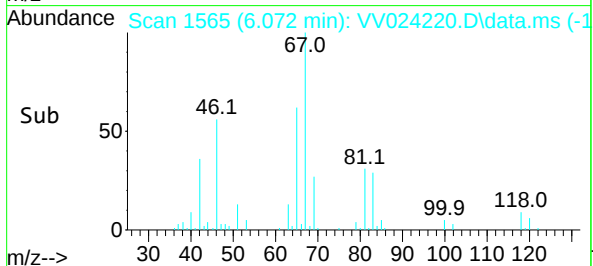
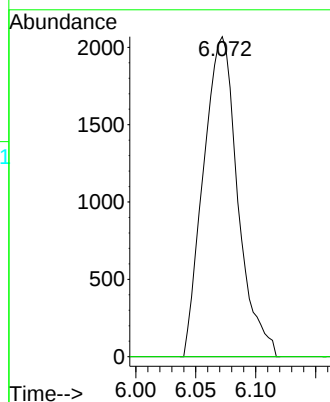
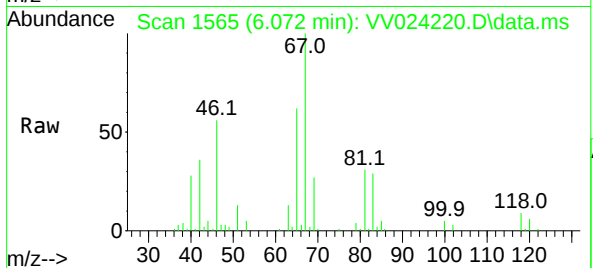
ClientSampleId :

Tgt Ion: 63 Resp: 4122

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#47

Tetrachloroethene

Concen: 0.783 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Tgt Ion: 164 Resp: 9333

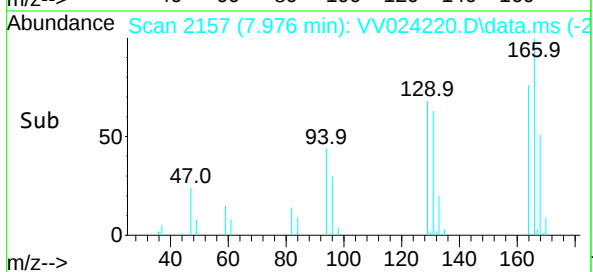
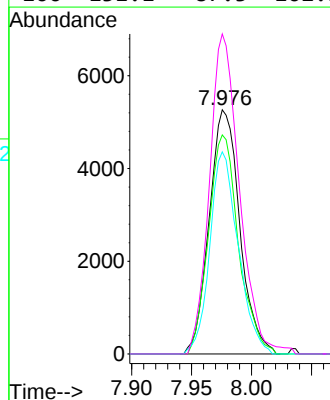
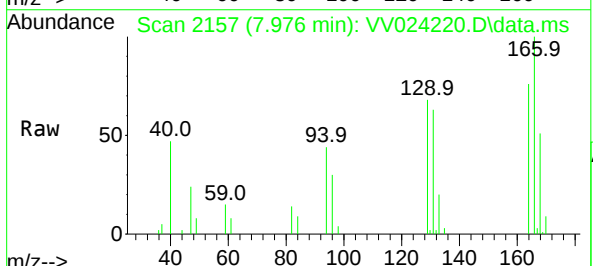
Ion Ratio Lower Upper

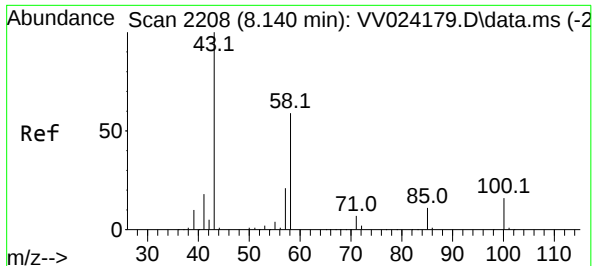
164 100

129 89.8 62.6 116.2

131 82.8 61.0 113.4

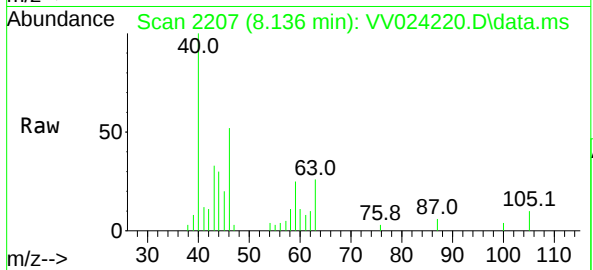
166 131.1 87.3 162.1



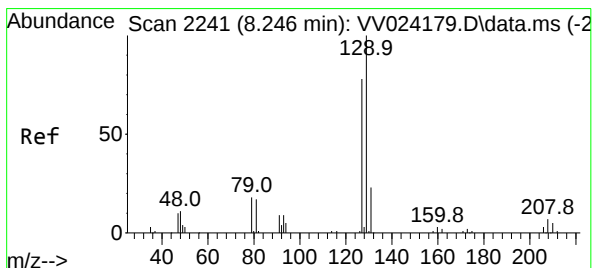
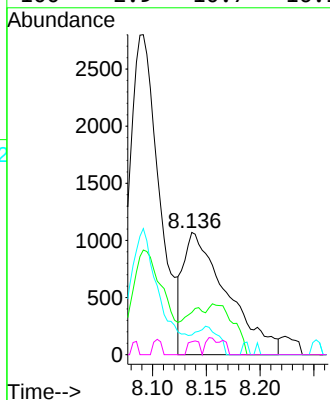
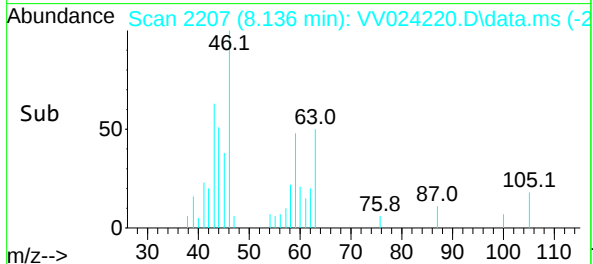


#48
2-Hexanone
Concen: 0.787 ug/L
RT: 8.136 min Scan# 2157
Delta R.T. -0.007 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Instrument :
MSVOA_V
ClientSampleId :

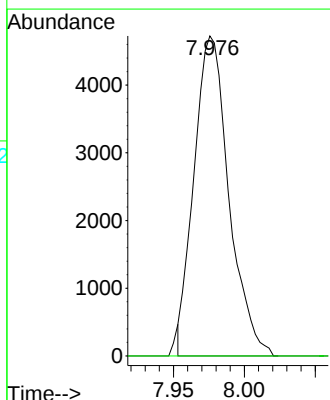
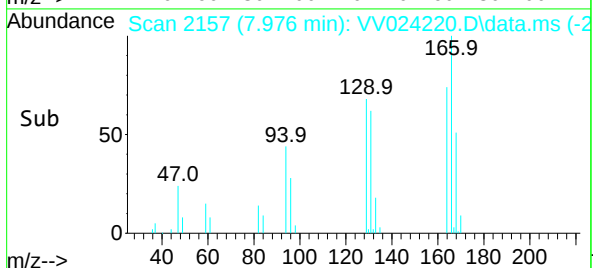
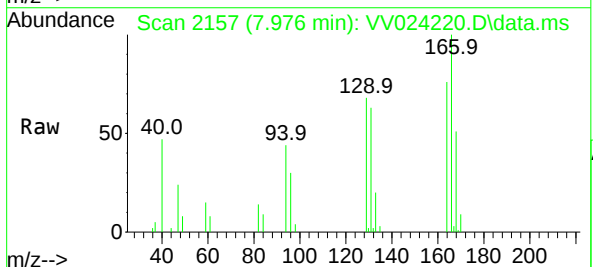


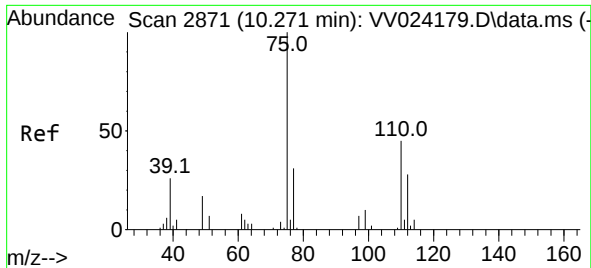
Tgt Ion: 43	Resp:	3013
Ion	Ratio	Lower Upper
43	100	
58	18.6	44.5 66.7#
57	0.0	15.1 22.7#
100	2.9	10.7 16.1#



#49
Dibromochloromethane
Concen: 0.740 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV024220.D
Acq: 28 Dec 2021 15:59

Tgt Ion: 129	Resp:	8078
Ion	Ratio	Lower Upper
129	100	
127	0.0	53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 0.763 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

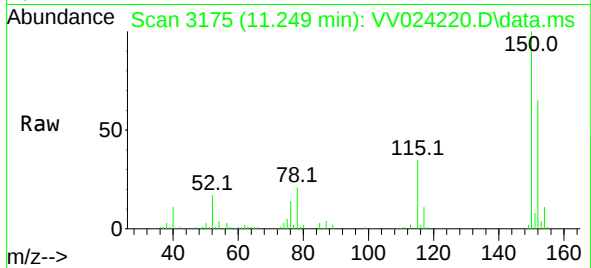
Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4206

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

110 1.6 34.2 51.2#

