

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024224.D
 Acq On : 28 Dec 2021 17:35
 Operator : SY/MD
 Sample : M5193-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07

Quant Time: Dec 29 05:06:46 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)

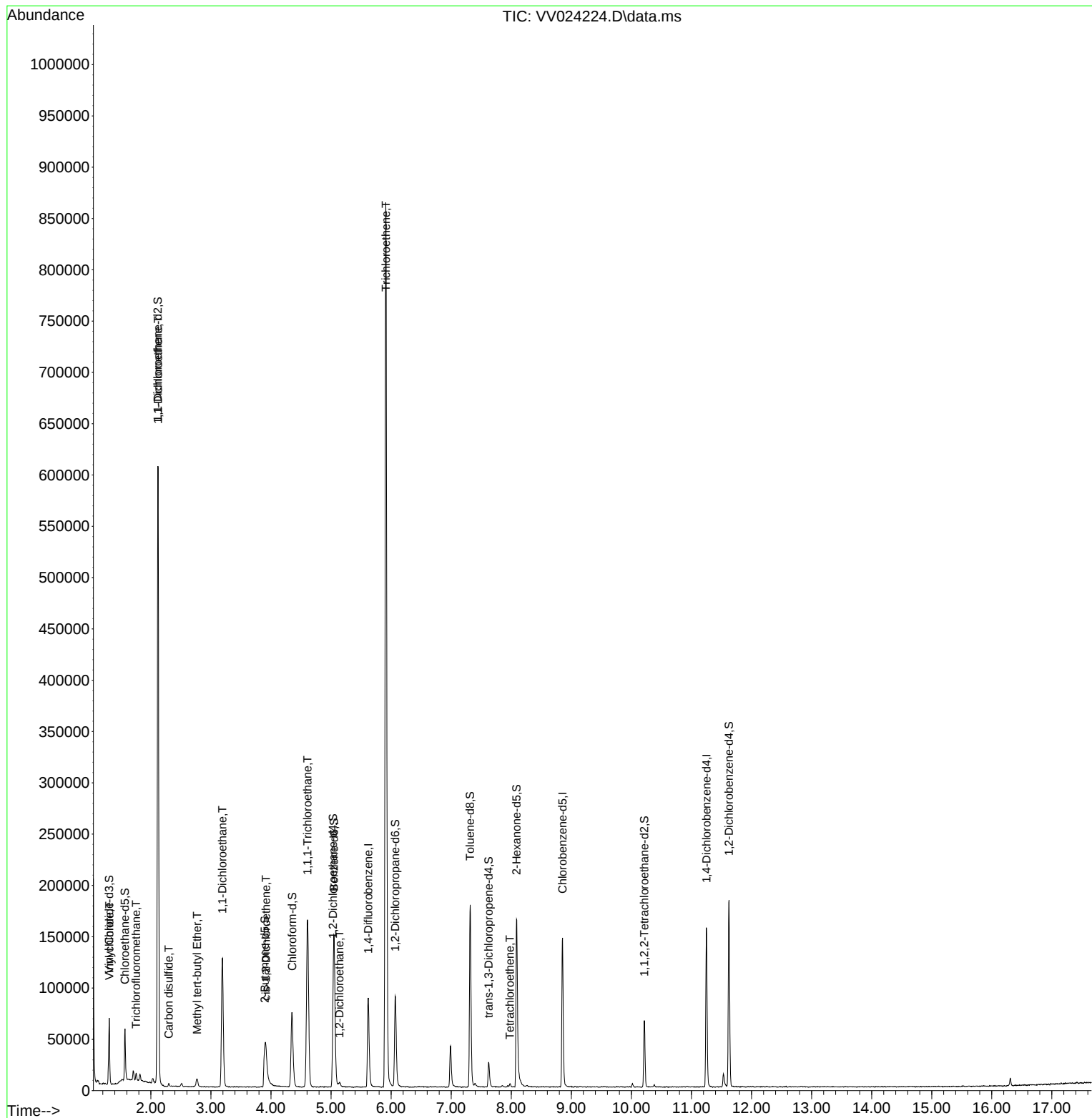
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	80042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	82678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29961	4.977	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.567	69	29738	5.923	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	118.400%	
11) 1,1-Dichloroethene-d2	2.117	63	134380	9.184	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	183.600%#	
20) 2-Butanone-d5	3.895	46	69451	103.851	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	207.700%#	
24) Chloroform-d	4.352	84	74275	5.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.200%	
26) 1,2-Dichloroethane-d4	5.034	65	36864	6.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	128.800%	
32) Benzene-d6	5.050	84	132498	5.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.600%	
36) 1,2-Dichloropropane-d6	6.069	67	38858	6.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	127.000%	
41) Toluene-d8	7.316	98	117742	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
43) trans-1,3-Dichloroprop...	7.622	79	14627	5.648	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	113.000%	
46) 2-Hexanone-d5	8.088	63	57174	65.661	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27051	6.478	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	129.600%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	49046	6.561	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	131.200%#	
Target Compounds						
5) Vinyl chloride	1.310	62	6432	0.450	ug/L	89
9) Trichlorofluoromethane	1.754	101	3522	0.151	ug/L	96
12) 1,1-Dichloroethene	2.121	96	170082	15.475	ug/L #	78
14) Carbon disulfide	2.297	76	3905	0.110	ug/L #	90
17) Methyl tert-butyl Ether	2.770	73	6399	0.288	ug/L #	90
19) 1,1-Dichloroethane	3.191	63	121295	6.243	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	10149	0.879	ug/L	98
27) 1,2-Dichloroethane	5.140	62	4106	0.338	ug/L #	79
29) 1,1,1-Trichloroethane	4.609	97	133912	6.423	ug/L	100
34) Trichloroethene	5.911	95	277162	22.645	ug/L	97
47) Tetrachloroethene	7.979	164	903	0.083	ug/L	80

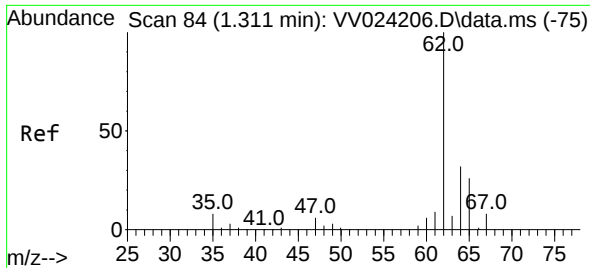
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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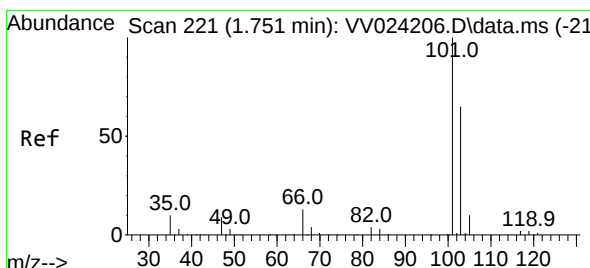
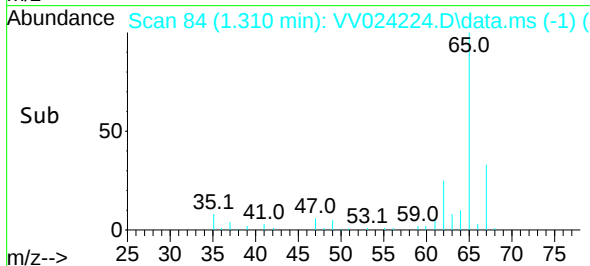
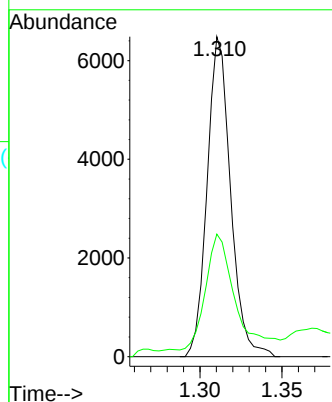
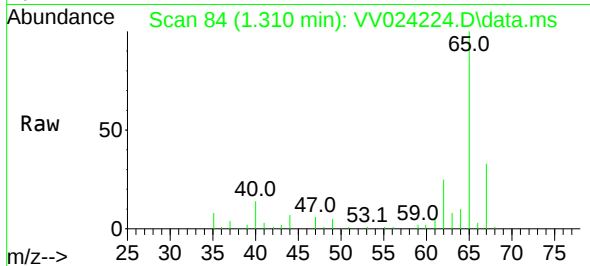




#5
 Vinyl chloride
 Concen: 0.450 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024224.D
 Acq: 28 Dec 2021 17:35

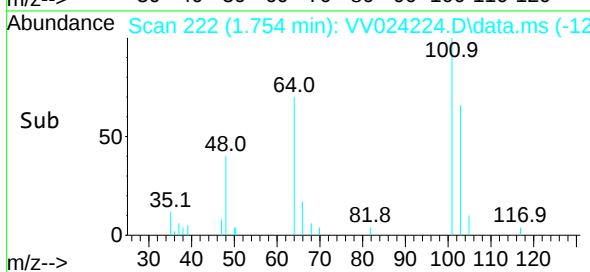
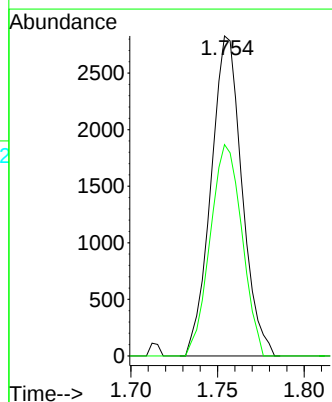
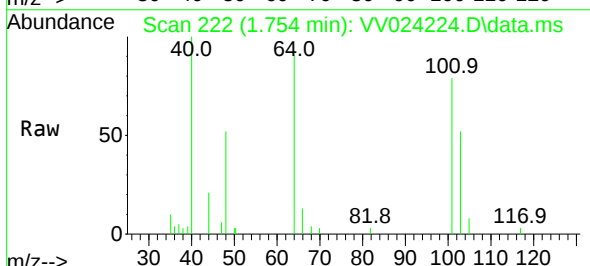
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07

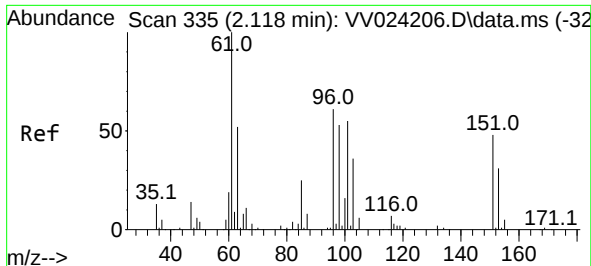
Tgt Ion: 62 Resp: 6432
 Ion Ratio Lower Upper
 62 100
 64 38.3 22.4 41.6



#9
 Trichlorofluoromethane
 Concen: 0.151 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.000 min
 Lab File: VV024224.D
 Acq: 28 Dec 2021 17:35

Tgt Ion: 101 Resp: 3522
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.6 77.4





#12

1,1-Dichloroethene

Concen: 15.475 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024224.D

Acq: 28 Dec 2021 17:35

Instrument :

MSVOA_V

ClientSampleId :

C0J07

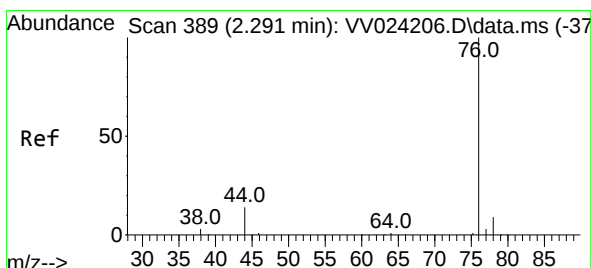
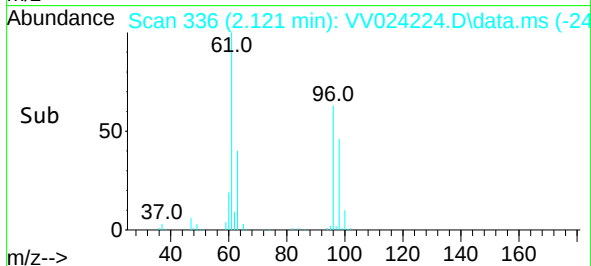
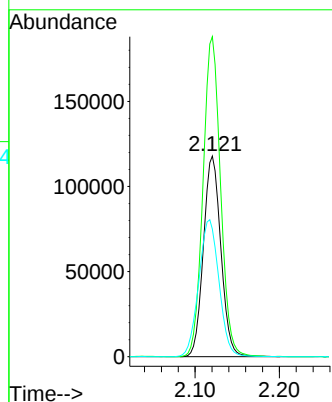
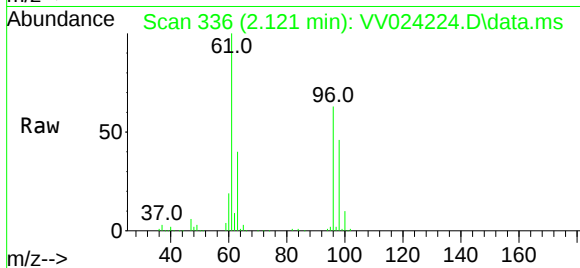
Tgt Ion: 96 Resp: 170082

Ion Ratio Lower Upper

96 100

61 159.5 116.1 215.5

63 63.5 79.4 147.4#



#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024224.D

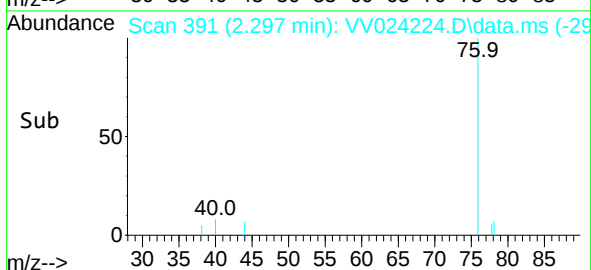
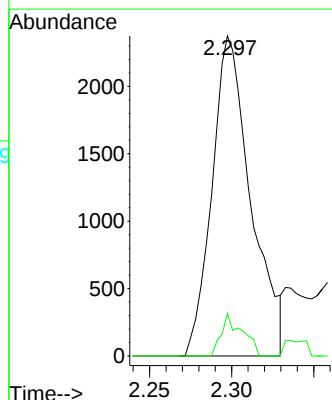
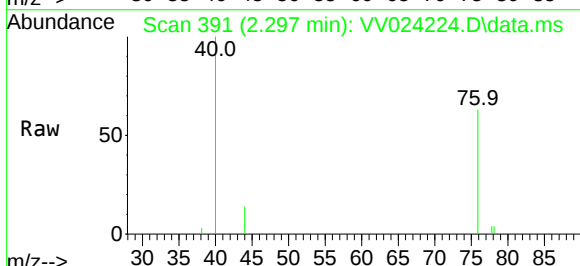
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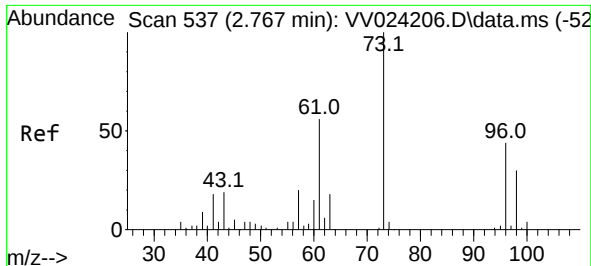
Tgt Ion: 76 Resp: 3905

Ion Ratio Lower Upper

76 100

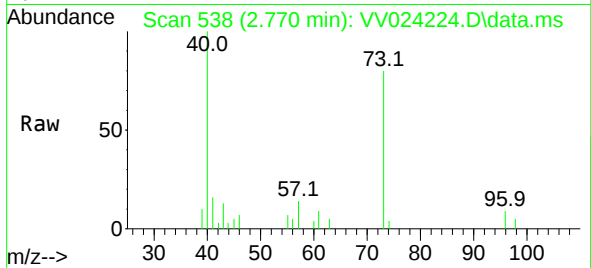
78 13.2 7.5 11.3#



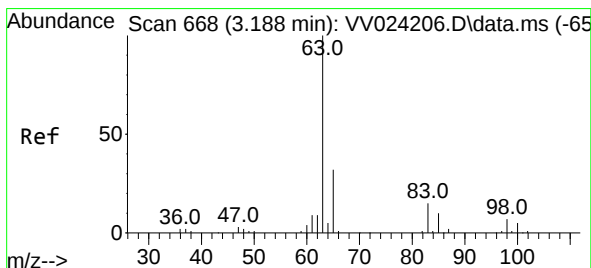
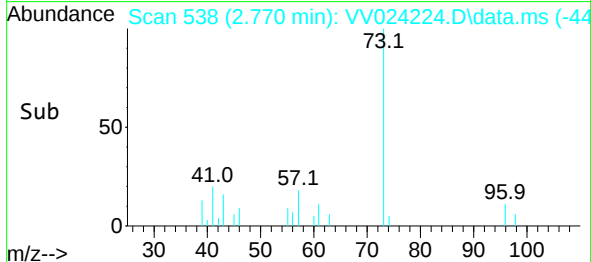
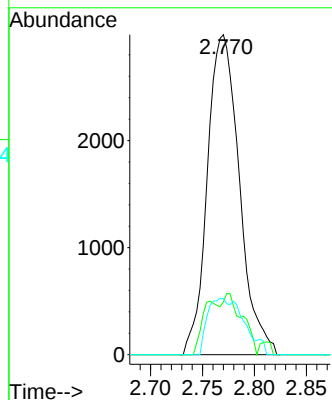


#17
Methyl tert-butyl Ether
Concen: 0.288 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024224.D
Acq: 28 Dec 2021 17:35

Instrument :
MSVOA_V
ClientSampleId :
C0J07

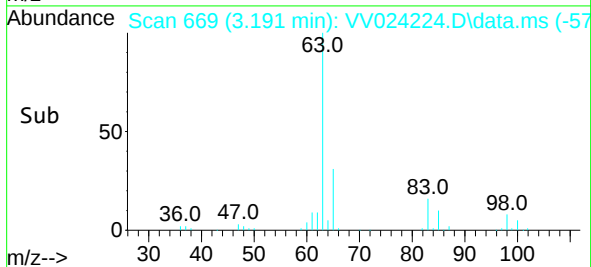
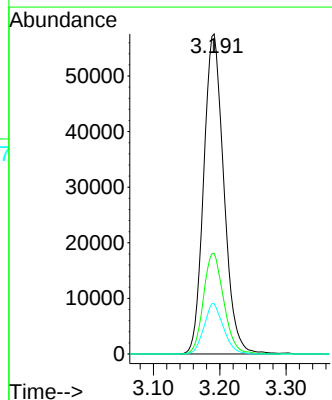
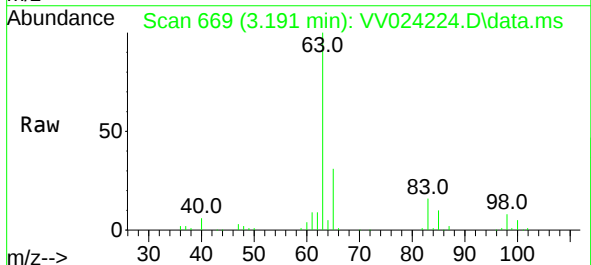


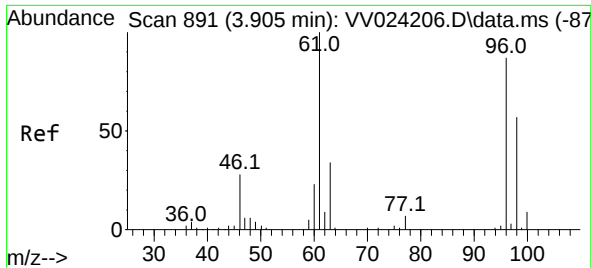
Tgt Ion: 73 Resp: 6399
Ion Ratio Lower Upper
73 100
43 11.7 15.5 23.3#
57 20.1 17.1 25.7



#19
1,1-Dichloroethane
Concen: 6.243 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV024224.D
Acq: 28 Dec 2021 17:35

Tgt Ion: 63 Resp: 121295
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 15.7 10.7 19.9

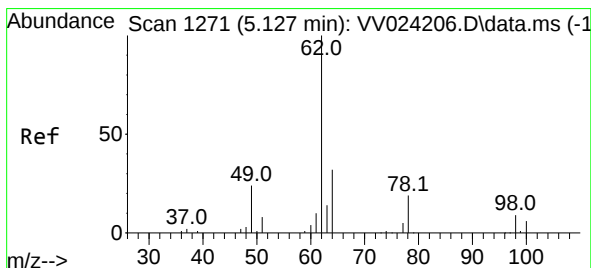
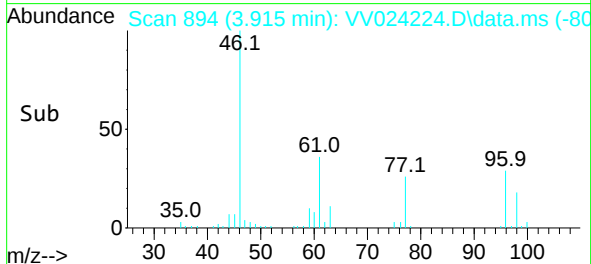
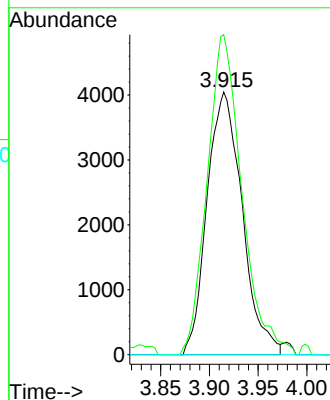
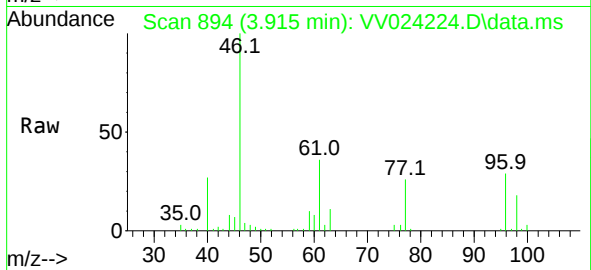




#22
 cis-1,2-Dichloroethene
 Concen: 0.879 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV024224.D
 Acq: 28 Dec 2021 17:35

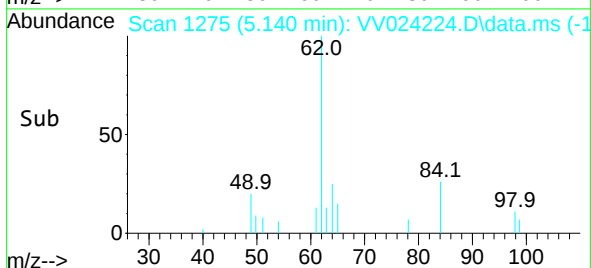
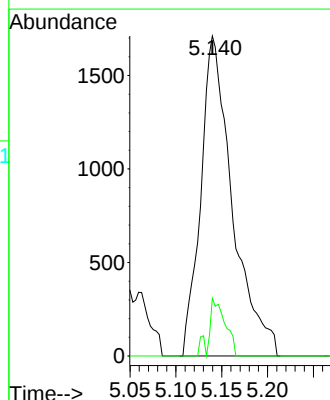
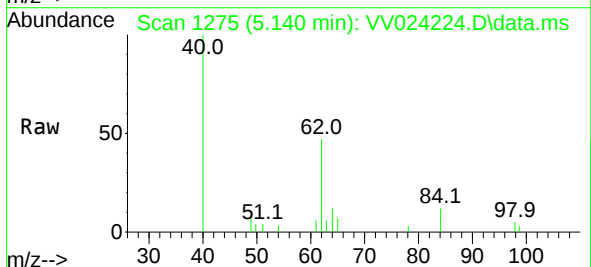
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07

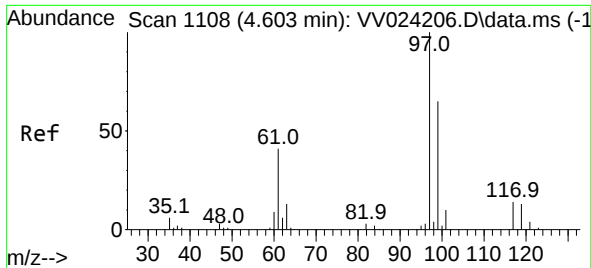
Tgt Ion: 96 Resp: 10149
 Ion Ratio Lower Upper
 96 100
 61 121.8 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.338 ug/L
 RT: 5.140 min Scan# 1275
 Delta R.T. 0.009 min
 Lab File: VV024224.D
 Acq: 28 Dec 2021 17:35

Tgt Ion: 62 Resp: 4106
 Ion Ratio Lower Upper
 62 100
 98 18.1 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 6.423 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV024224.D

Acq: 28 Dec 2021 17:35

Instrument :

MSVOA_V

ClientSampleId :

C0J07

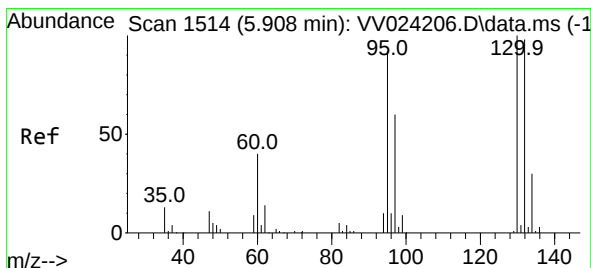
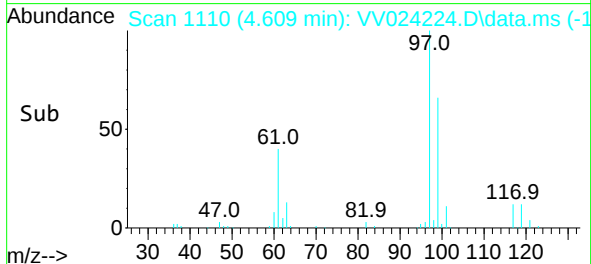
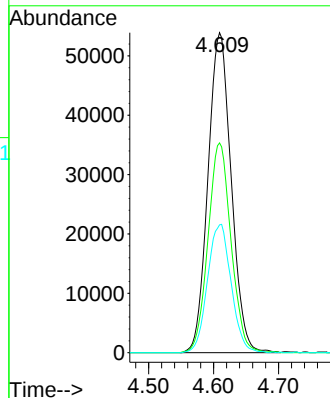
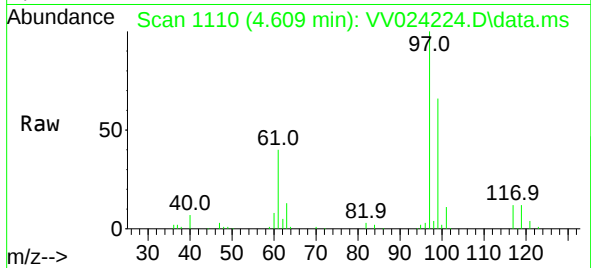
Tgt Ion: 97 Resp: 133912

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 40.8 33.2 49.8



#34

Trichloroethene

Concen: 22.645 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV024224.D

Acq: 28 Dec 2021 17:35

Tgt Ion: 95 Resp: 277162

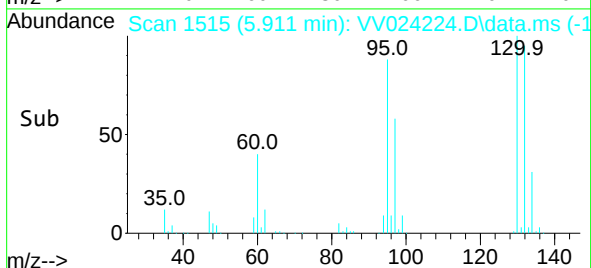
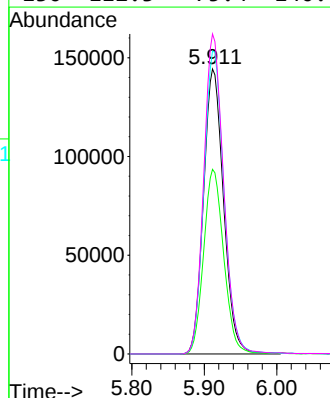
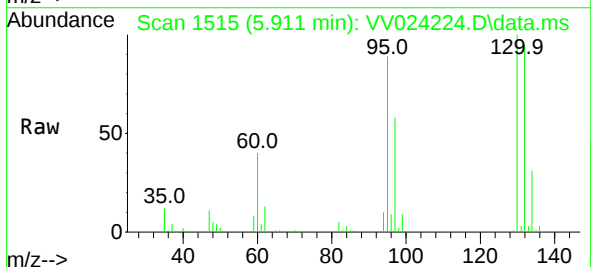
Ion Ratio Lower Upper

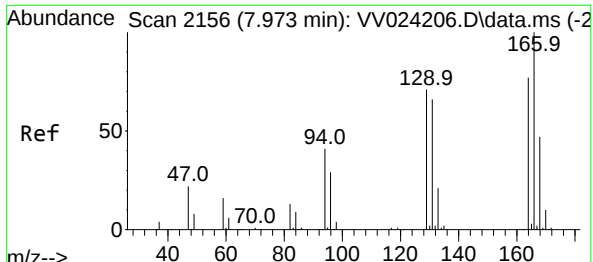
95 100

97 64.8 45.2 84.0

132 106.3 76.1 141.3

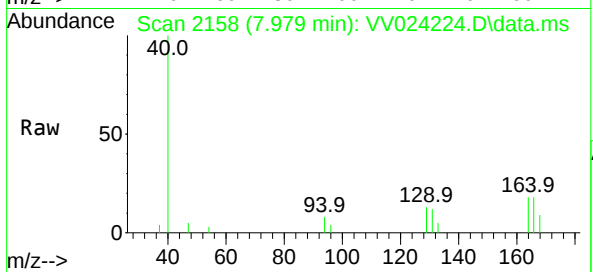
130 112.3 75.4 140.0





#47
 Tetrachloroethene
 Concen: 0.083 ug/L
 RT: 7.979 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV024224.D
 Acq: 28 Dec 2021 17:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07



Tgt Ion:	164	Resp:	903
Ion	Ratio	Lower	Upper
164	100		
129	73.2	62.6	116.2
131	66.9	61.0	113.4
166	101.0	87.3	162.1

