

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022570.D
 Acq On : 05 Oct 2021 14:13
 Operator : SY/MD
 Sample : M3967-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0T5

Quant Time: Oct 06 05:27:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

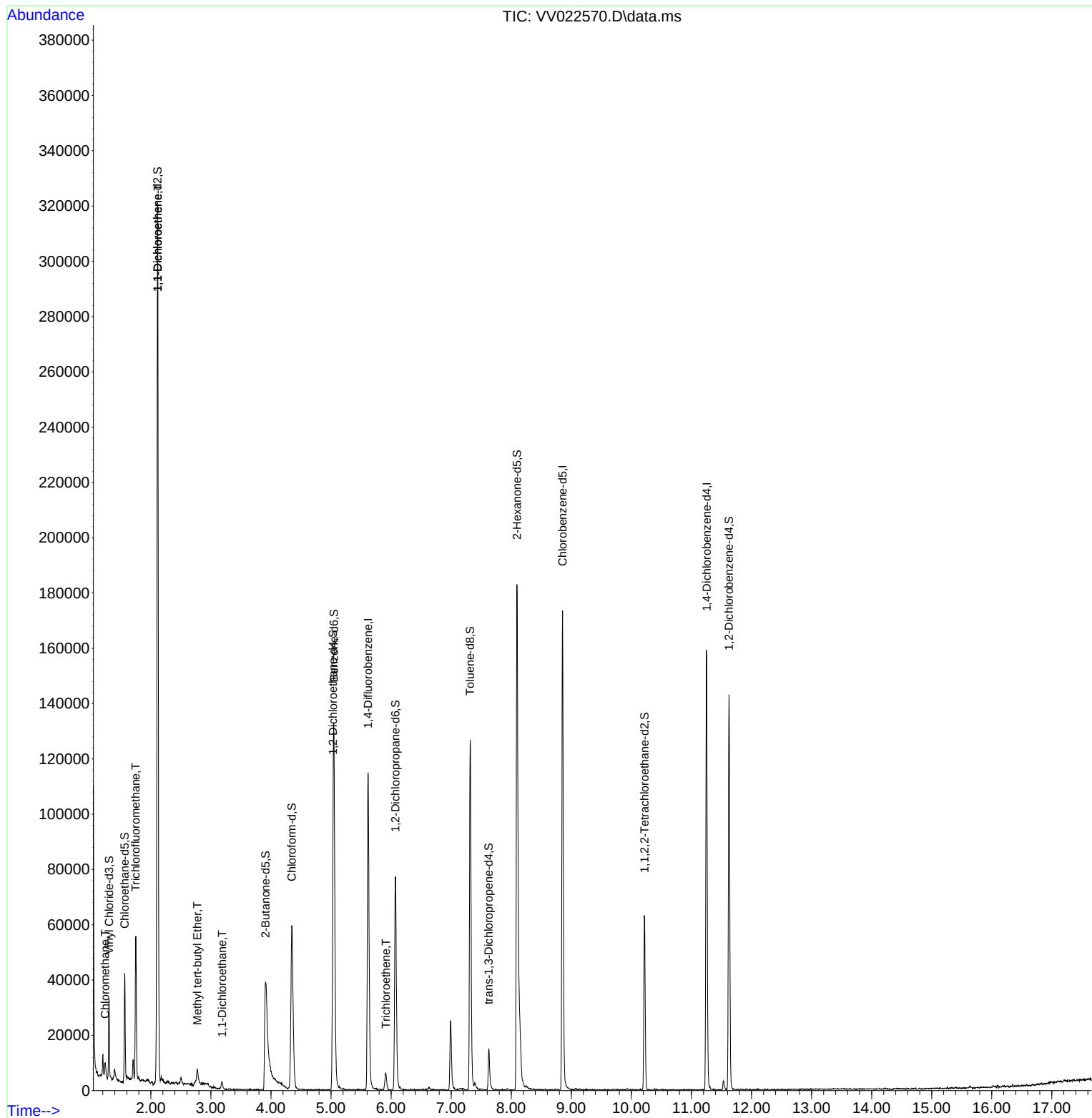
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	101144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16433	5.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.565	69	23639	5.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.111	63	76550	8.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	162.800%#
20) 2-Butanone-d5	3.908	46	87958	45.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.840%
24) Chloroform-d	4.346	84	60430	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	32292	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.047	84	111841	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.072	67	37420	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	84539	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	9327	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.095	63	66692	51.776	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30116	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	39155	5.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3900	0.506	ug/L	95
9) Trichlorofluoromethane	1.748	101	30149	2.589	ug/L	99
12) 1,1-Dichloroethene	2.114	96	83652	13.501	ug/L	89
17) Methyl tert-butyl Ether	2.773	73	4983	0.316	ug/L #	91
19) 1,1-Dichloroethane	3.185	63	2318	0.191	ug/L	99
34) Trichloroethene	5.912	95	784	0.101	ug/L	78

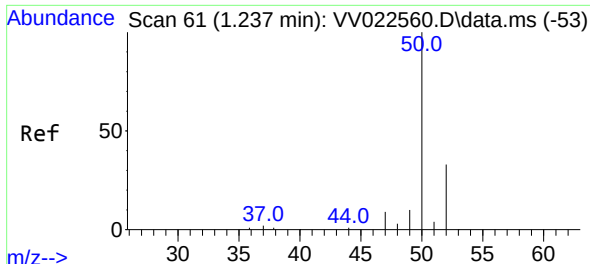
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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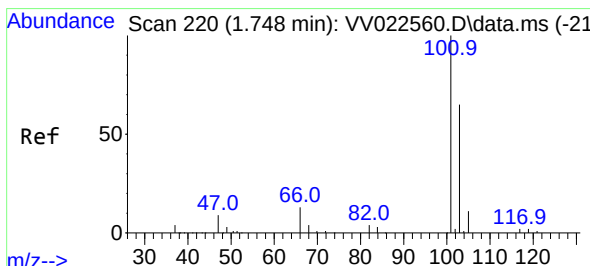
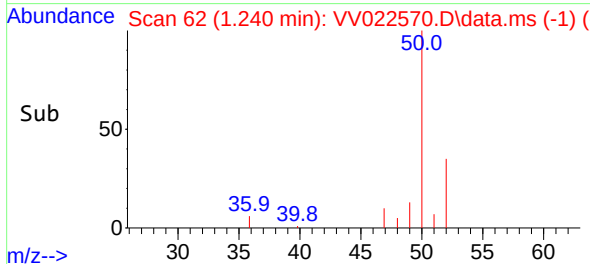
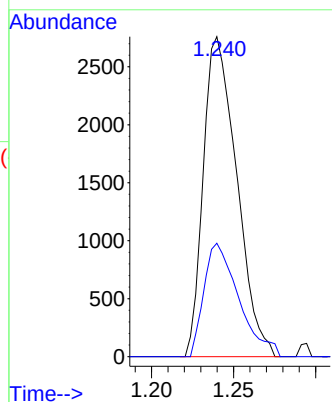
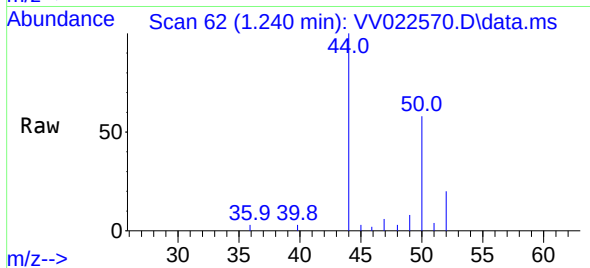




#3
Chloromethane
Concen: 0.506 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022570.D
Acq: 05 Oct 2021 14:13

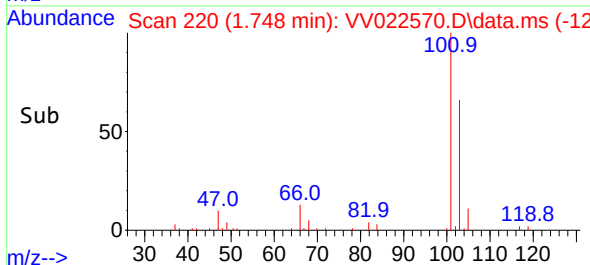
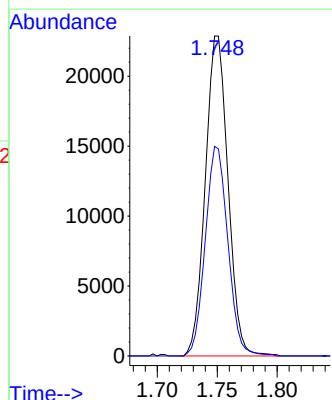
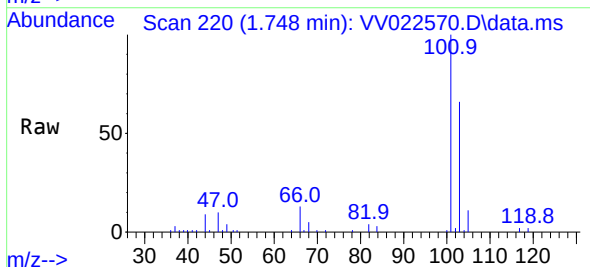
Instrument :
MSVOA_V
ClientSampled :
BG0T5

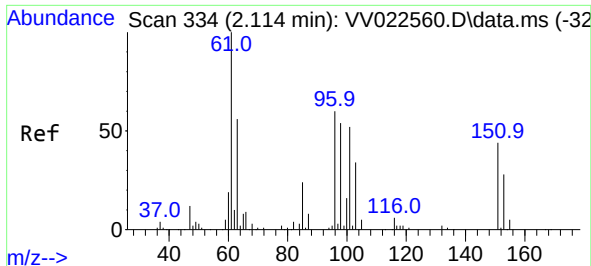
Tgt Ion: 50 Resp: 3900
Ion Ratio Lower Upper
50 100
52 35.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 2.589 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022570.D
Acq: 05 Oct 2021 14:13

Tgt Ion: 101 Resp: 30149
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

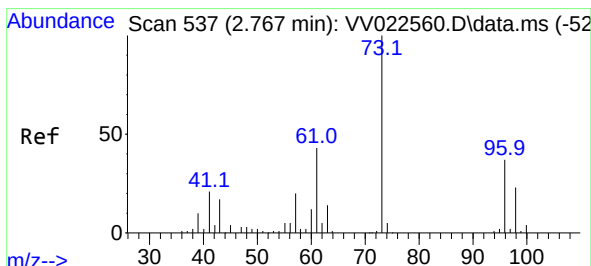
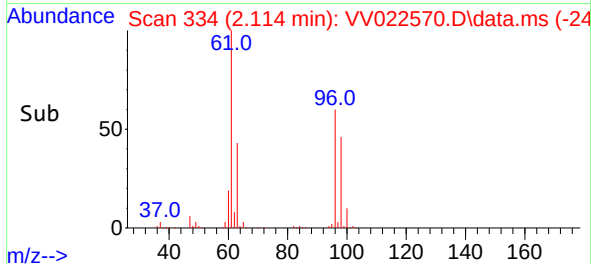
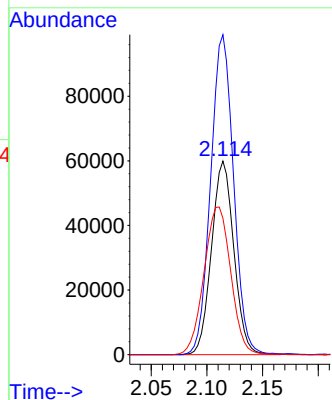
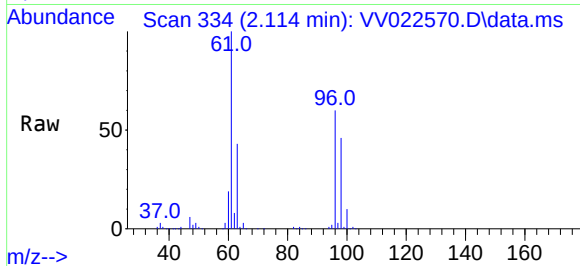




#12
1,1-Dichloroethene
Concen: 13.501 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022570.D
Acq: 05 Oct 2021 14:13

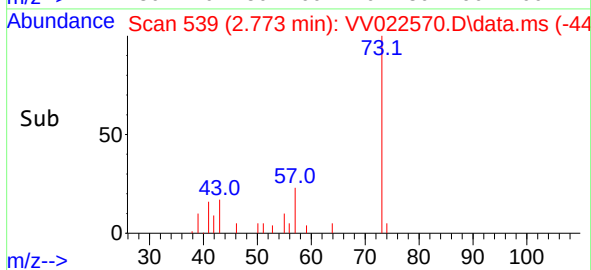
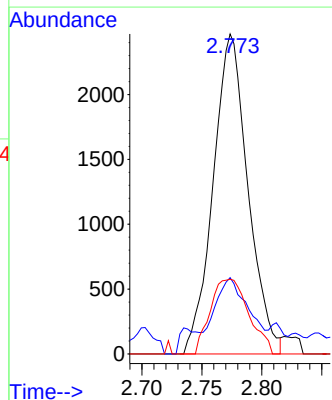
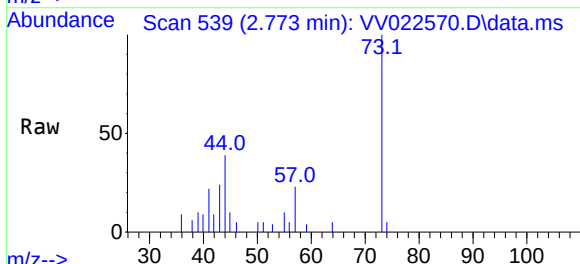
Instrument :
MSVOA_V
ClientSampleId :
BG0T5

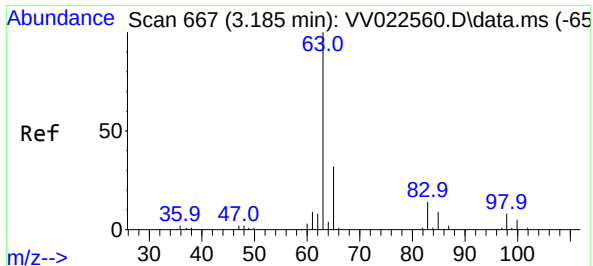
Tgt Ion: 96 Resp: 83652
Ion Ratio Lower Upper
96 100
61 165.3 113.2 210.2
63 70.5 66.6 123.8



#17
Methyl tert-butyl Ether
Concen: 0.316 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022570.D
Acq: 05 Oct 2021 14:13

Tgt Ion: 73 Resp: 4983
Ion Ratio Lower Upper
73 100
43 15.4 16.3 24.5#
57 25.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 0.191 ug/L

RT: 3.185 min Scan# 667

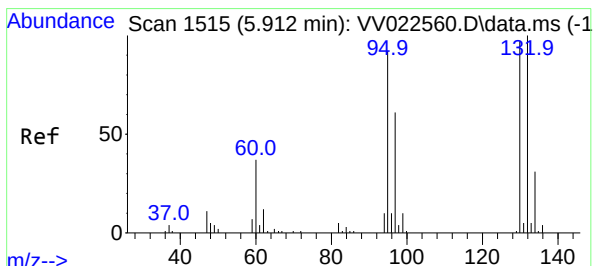
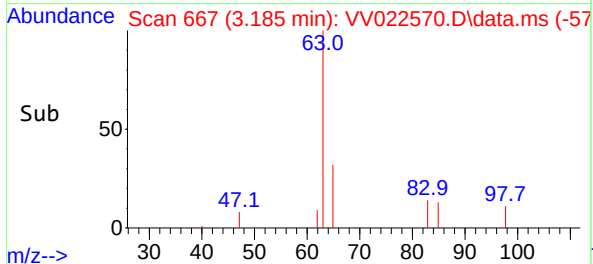
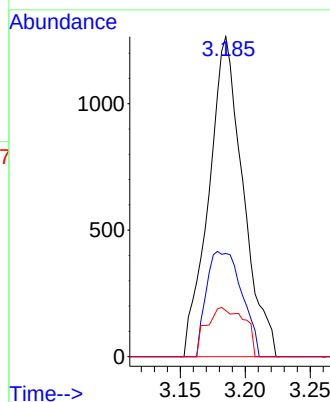
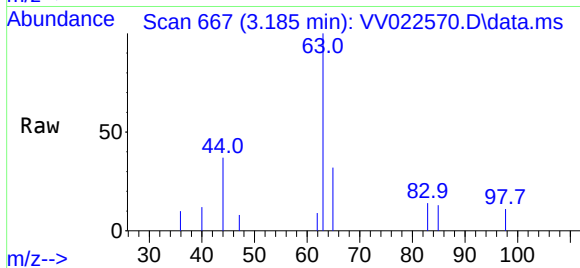
Delta R.T. -0.000 min

Lab File: VV022570.D

Acq: 05 Oct 2021 14:13

Tgt Ion: 63 Resp: 2318

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.8	42.4
83	14.4	10.2	19.0



#34

Trichloroethene

Concen: 0.101 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV022570.D

Acq: 05 Oct 2021 14:13

Tgt Ion: 95 Resp: 784

Ion	Ratio	Lower	Upper
95	100		
97	59.3	46.5	86.5
132	78.5	73.0	135.6
130	80.2	76.1	141.3

