

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024236.D
 Acq On : 30 Dec 2021 11:58
 Operator : SY/MD
 Sample : M5193-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J07DL

Quant Time: Dec 31 03:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

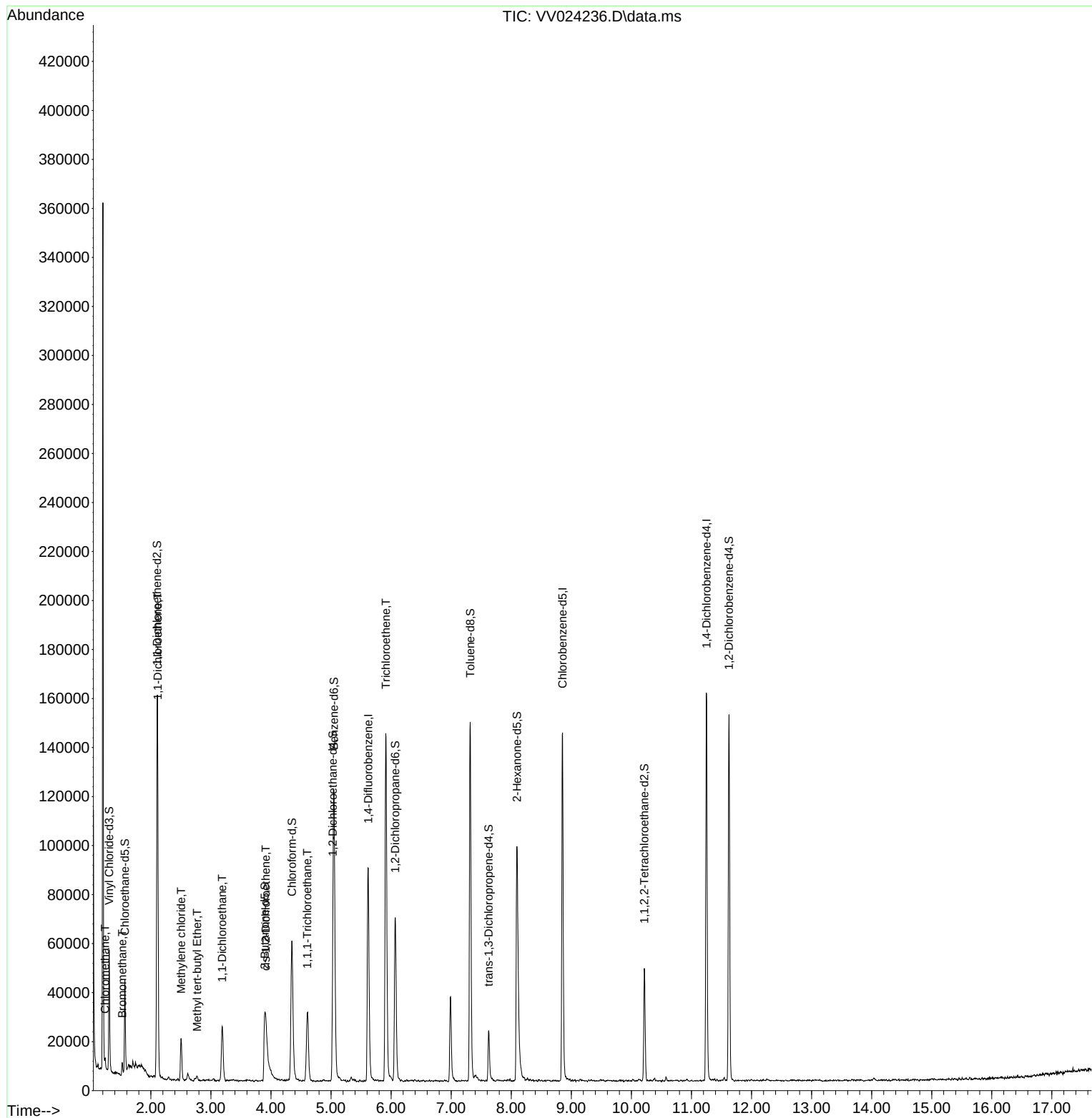
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	78890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	81039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29576	4.984	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.568	69	22194	4.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.105	63	59194	4.104	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	3.896	46	56239	85.323	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	170.640%#	
24) Chloroform-d	4.349	84	59370	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.031	65	28850	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.050	84	107011	4.890	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.069	67	29603	4.938	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.317	98	100255	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.625	79	12797	5.041	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.095	63	42204	49.449	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20801	5.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40172	5.162	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2404	0.174	ug/L	96
6) Bromomethane	1.523	94	2050	0.228	ug/L	93
12) 1,1-Dichloroethene	2.114	96	28001	2.585	ug/L	93
16) Methylene chloride	2.503	84	6715	0.580	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	1351	0.062	ug/L #	91
19) 1,1-Dichloroethane	3.188	63	22104	1.154	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	2058	0.181	ug/L	81
29) 1,1,1-Trichloroethane	4.606	97	22134	1.083	ug/L	95
34) Trichloroethene	5.912	95	47307	3.943	ug/L	98

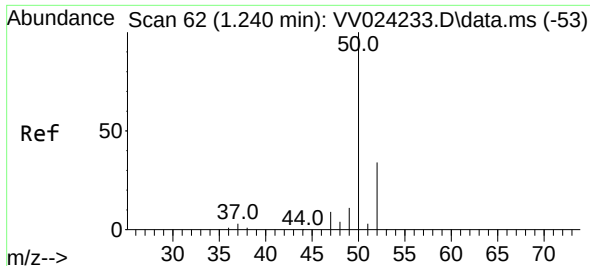
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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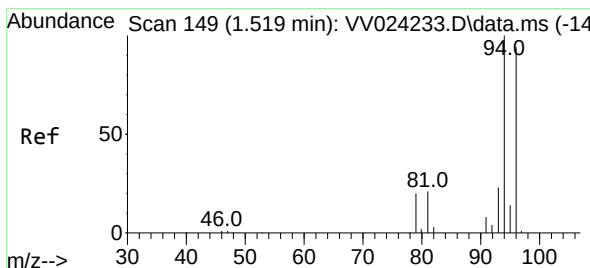
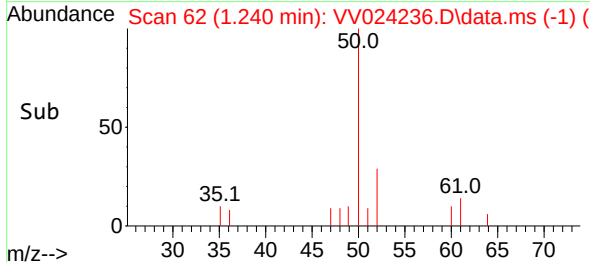
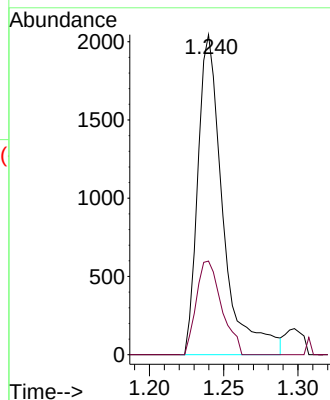
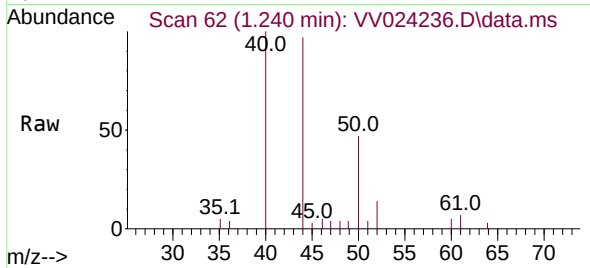




#3
Chloromethane
Concen: 0.174 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

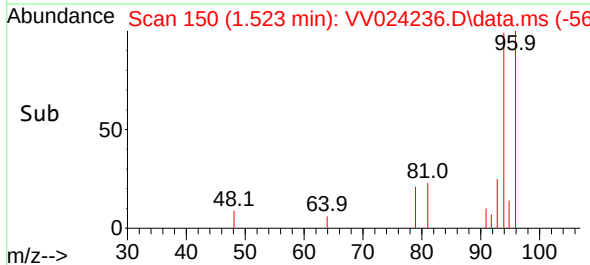
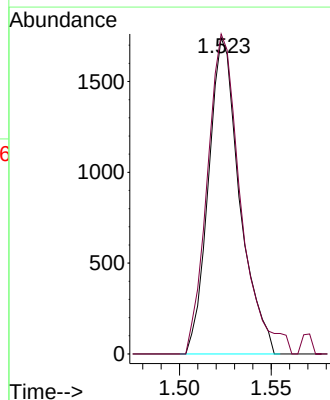
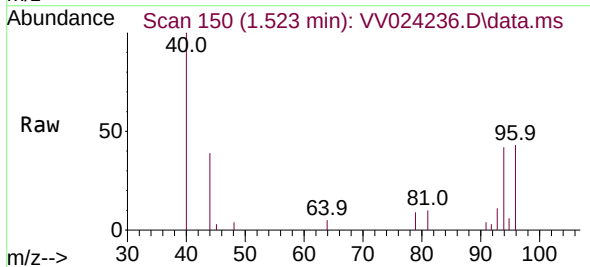
Instrument :
MSVOA_V
ClientSampleId :
C0J07DL

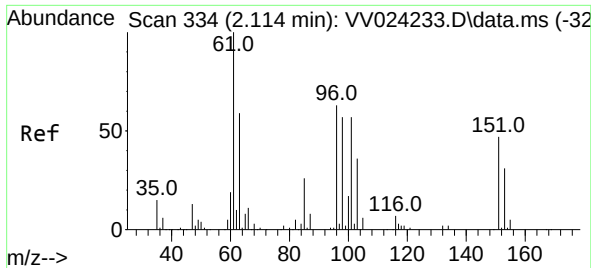
Tgt Ion: 50 Resp: 2404
Ion Ratio Lower Upper
50 100
52 29.2 22.0 41.0



#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 94 Resp: 2050
Ion Ratio Lower Upper
94 100
96 101.2 66.2 123.0

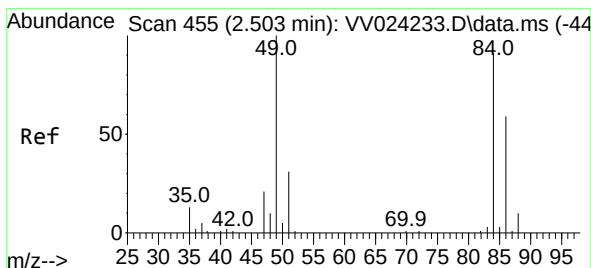
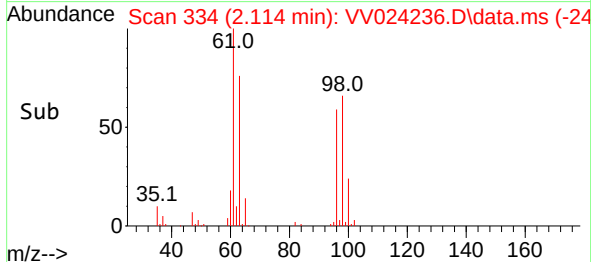
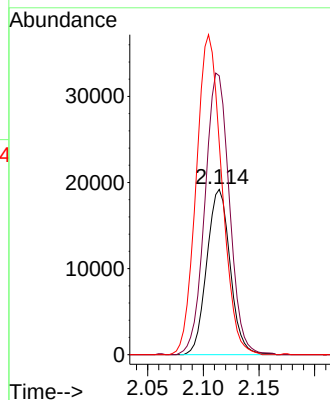
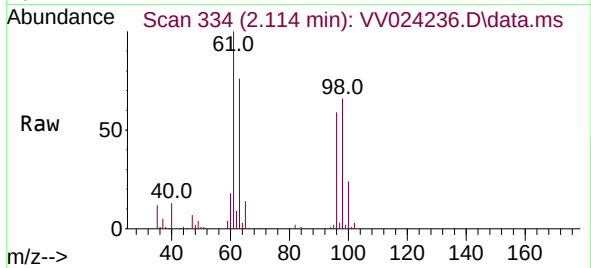




#12
1,1-Dichloroethene
Concen: 2.585 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

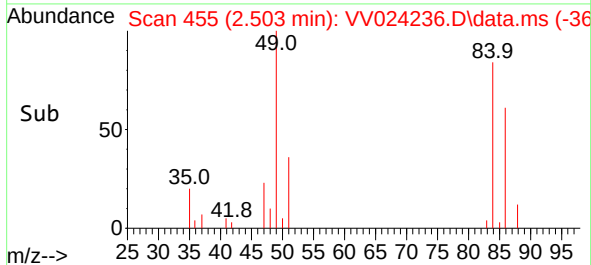
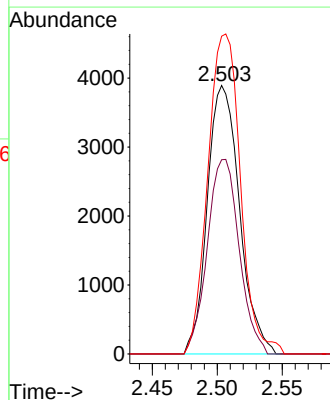
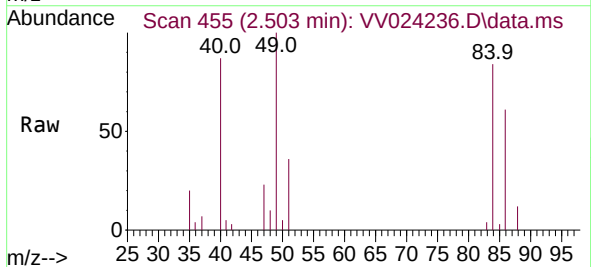
Instrument :
MSVOA_V
ClientSampleId :
C0J07DL

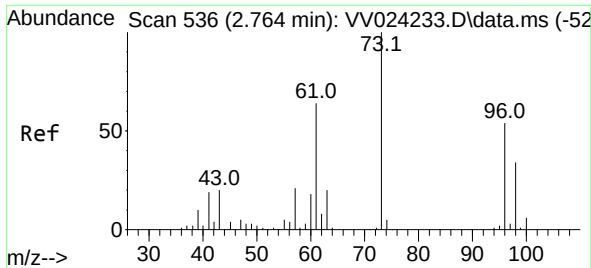
Tgt Ion: 96 Resp: 28001
Ion Ratio Lower Upper
96 100
61 168.7 116.1 215.5
63 128.1 79.4 147.4



#16
Methylene chloride
Concen: 0.580 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 84 Resp: 6715
Ion Ratio Lower Upper
84 100
86 72.4 42.6 79.0
49 118.4 79.7 147.9

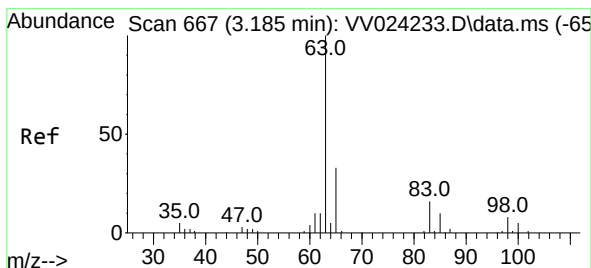
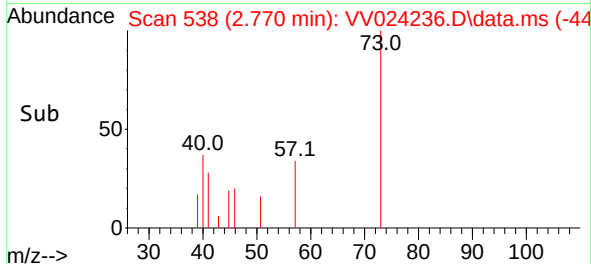
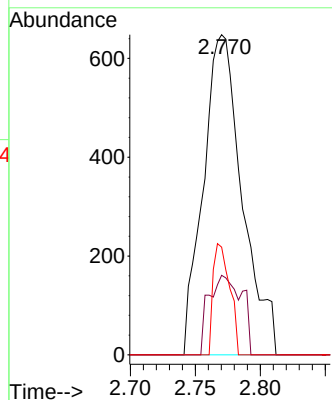
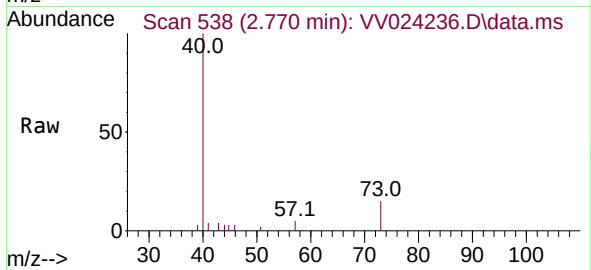




#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

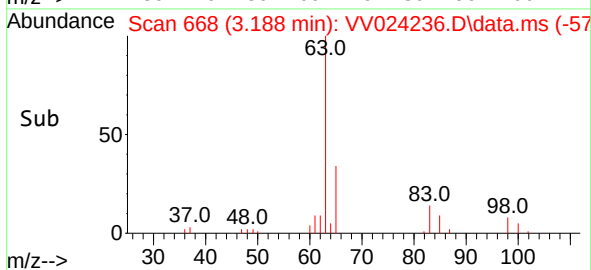
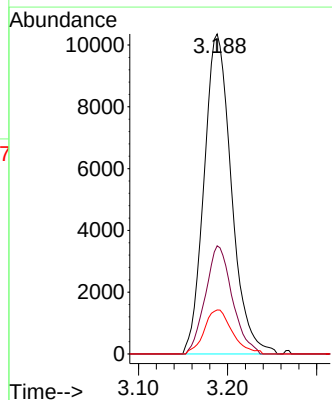
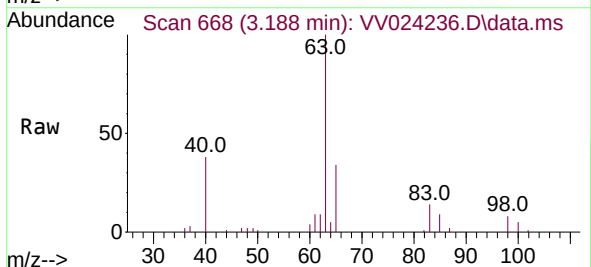
Instrument :
MSVOA_V
ClientSampleId :
C0J07DL

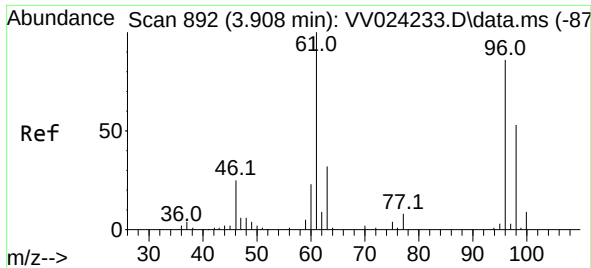
Tgt Ion: 73 Resp: 1351
Ion Ratio Lower Upper
73 100
43 20.9 15.5 23.3
57 14.7 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 1.154 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV024236.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 63 Resp: 22104
Ion Ratio Lower Upper
63 100
65 33.8 22.3 41.3
83 13.8 10.7 19.9

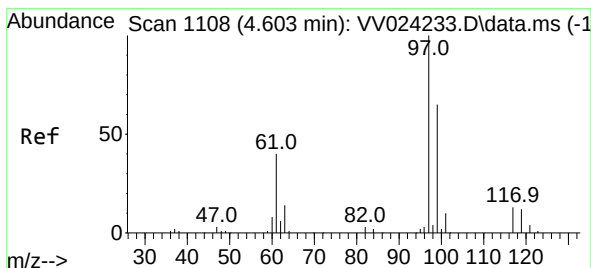
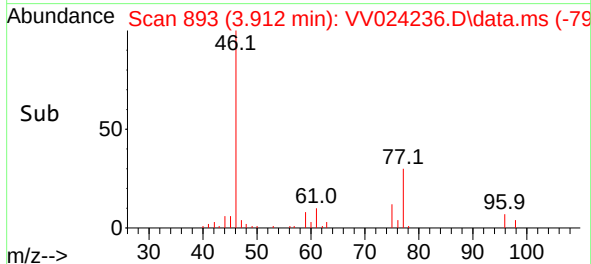
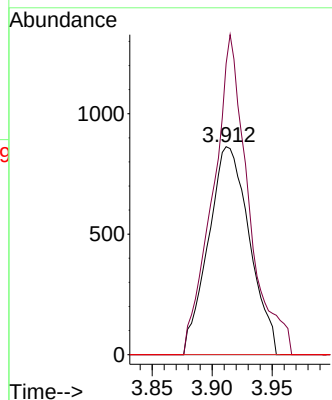
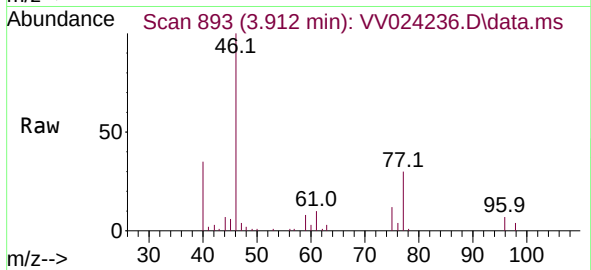




#22
 cis-1,2-Dichloroethene
 Concen: 0.181 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV024236.D
 Acq: 30 Dec 2021 11:58

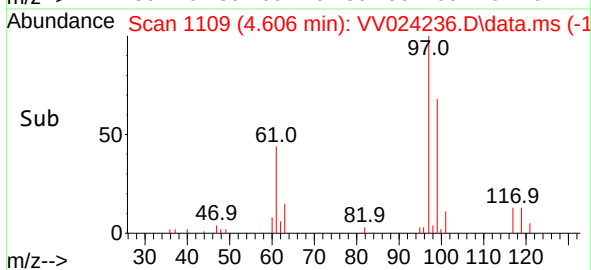
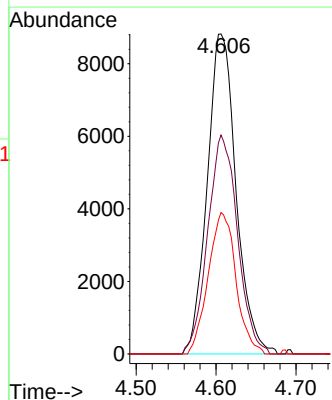
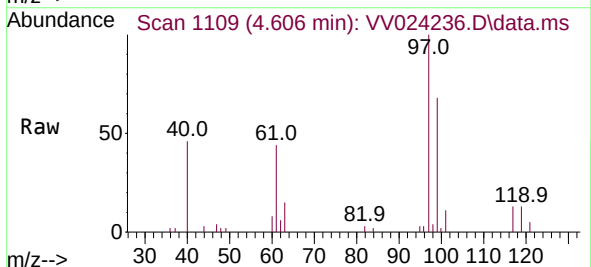
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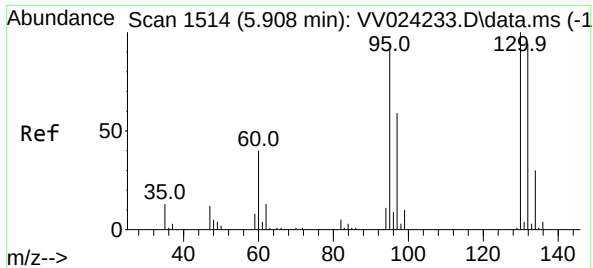
Tgt Ion: 96 Resp: 2058
 Ion Ratio Lower Upper
 96 100
 61 140.0 83.4 154.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 1.083 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.003 min
 Lab File: VV024236.D
 Acq: 30 Dec 2021 11:58

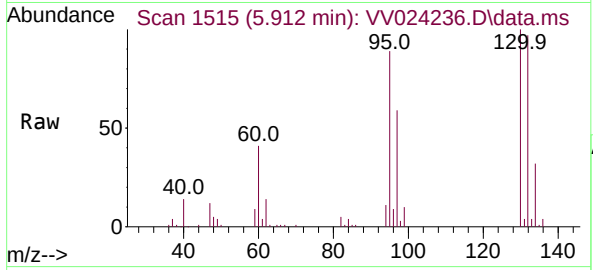
Tgt Ion: 97 Resp: 22134
 Ion Ratio Lower Upper
 97 100
 99 70.6 51.9 77.9
 61 42.4 33.2 49.8





#34
 Trichloroethene
 Concen: 3.943 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: VV024236.D
 Acq: 30 Dec 2021 11:58

Instrument :
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 ClientSampleId :
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Tgt Ion: 95 Resp: 47307

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.2	84.0
132	108.4	76.1	141.3
130	112.0	75.4	140.0

