

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026868.D
 Acq On : 21 Jul 2022 12:26
 Operator : SY/MD
 Sample : N3802-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:55:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

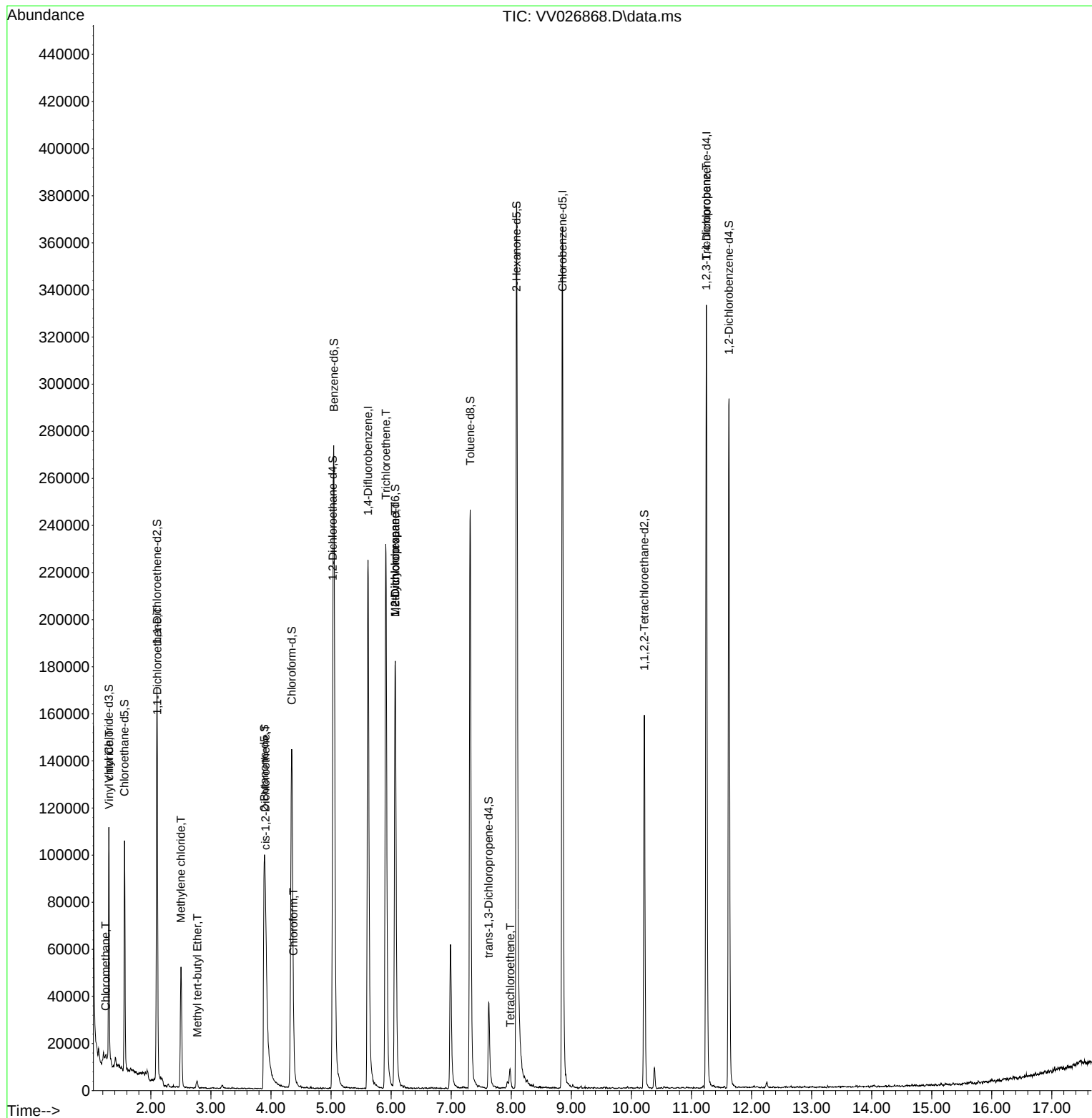
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	206222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62253	3.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.561	69	63777	3.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.101	63	84635	2.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.800%#
20) 2-Butanone-d5	3.889	46	191796	65.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.640%#
24) Chloroform-d	4.346	84	158958	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.031	65	73640	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.047	84	255869	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.069	67	94480	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	175381	3.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.625	79	24244	3.788	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.088	63	140260	50.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79106	5.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	78363	4.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	977	0.039	ug/L	99
5) Vinyl chloride	1.304	62	1098	0.043	ug/L #	5
12) 1,1-Dichloroethene	2.108	96	2035	0.113	ug/L #	1
16) Methylene chloride	2.500	84	23292	1.081	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	2462	0.079	ug/L #	96
22) cis-1,2-Dichloroethene	3.908	96	6152	0.367	ug/L	79
25) Chloroform	4.375	83	2905	0.091	ug/L	88
34) Trichloroethene	5.912	95	85729	4.859	ug/L	98
35) Methylcyclohexane	6.069	83	23876	0.887	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	9758	0.569	ug/L #	84
47) Tetrachloroethene	7.985	164	1997	0.144	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	10322	1.240	ug/L #	66

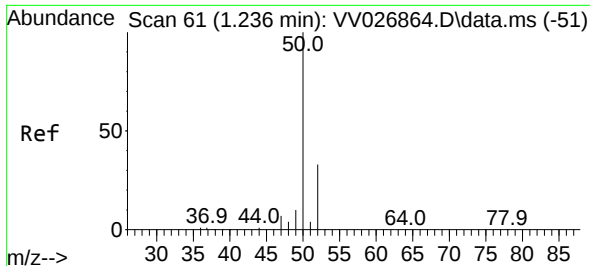
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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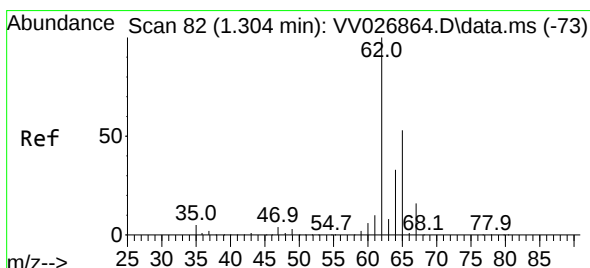
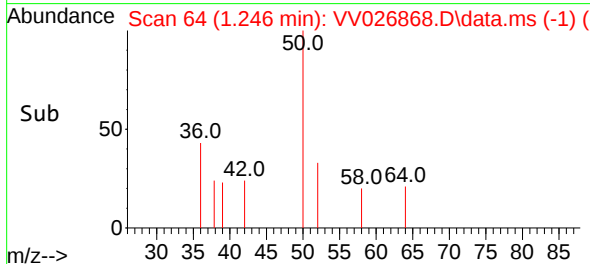
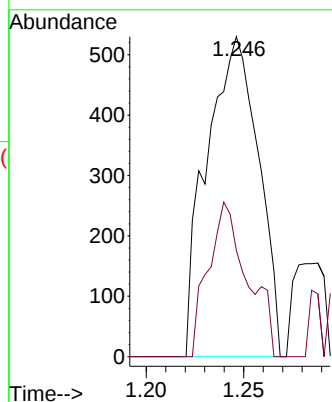
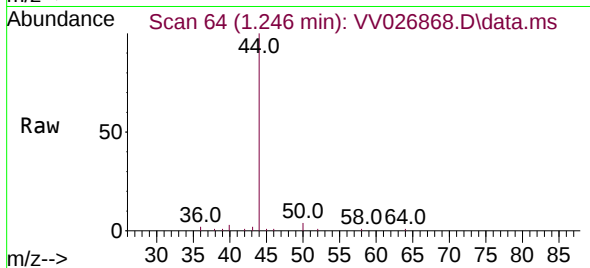




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

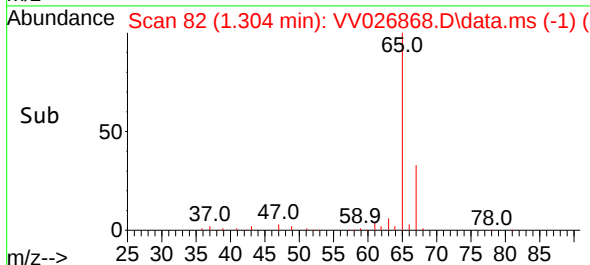
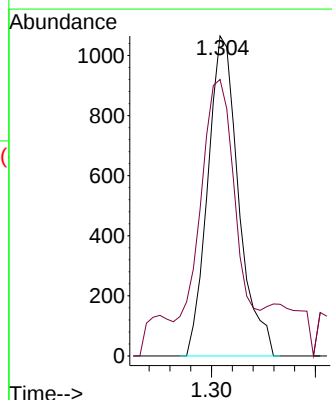
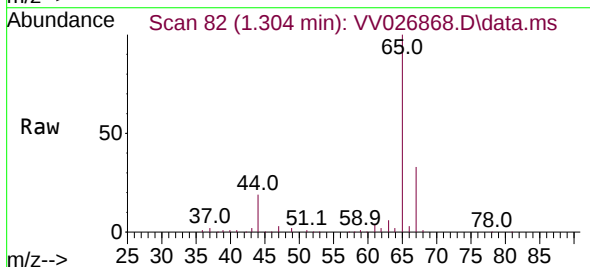
Instrument :
MSVOA_V
ClientSampleId :

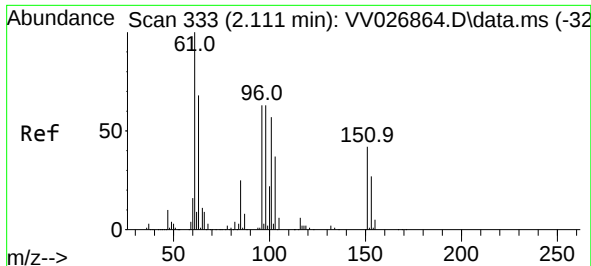
Tgt Ion: 50 Resp: 977
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4



#5
Vinyl chloride
Concen: 0.043 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

Tgt Ion: 62 Resp: 1098
Ion Ratio Lower Upper
62 100
64 86.4 22.9 42.5#





#12

1,1-Dichloroethene

Concen: 0.113 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

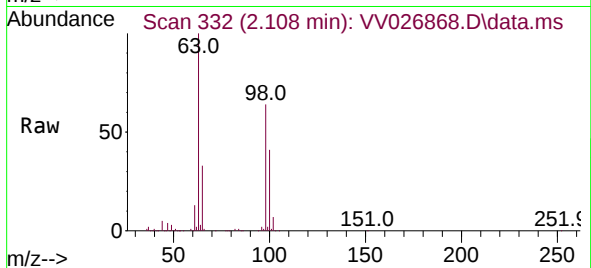
Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

Instrument :

MSVOA_V

ClientSampleId :



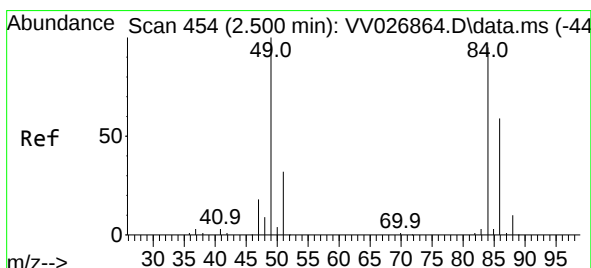
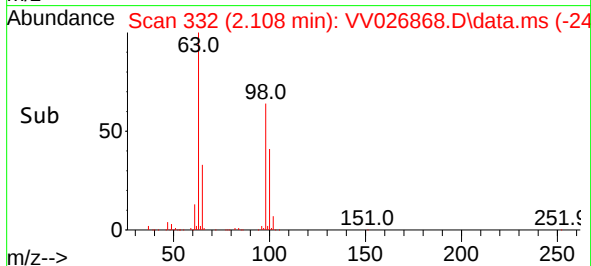
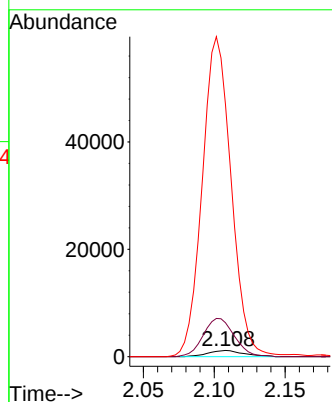
Tgt Ion: 96 Resp: 2035

Ion Ratio Lower Upper

96 100

61 545.7 118.3 219.7#

63 4064.4 79.9 148.3#



#16

Methylene chloride

Concen: 1.081 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

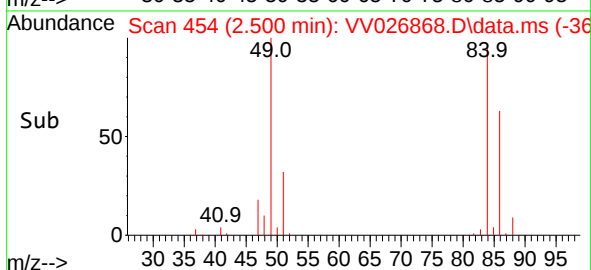
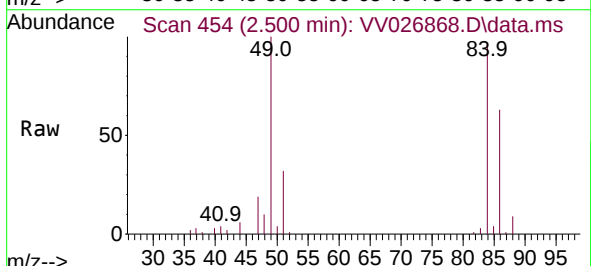
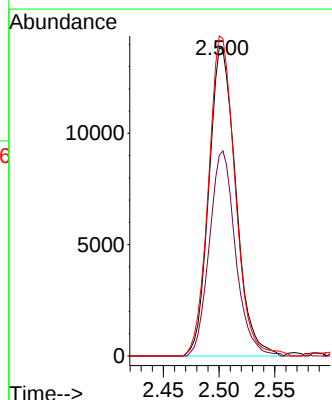
Tgt Ion: 84 Resp: 23292

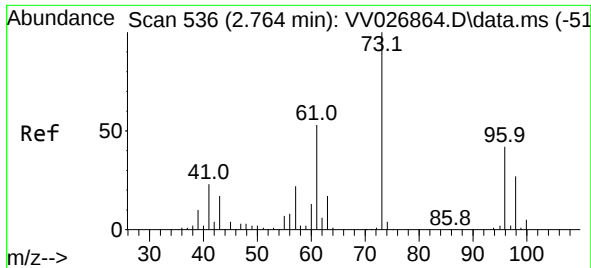
Ion Ratio Lower Upper

84 100

86 65.1 44.8 83.2

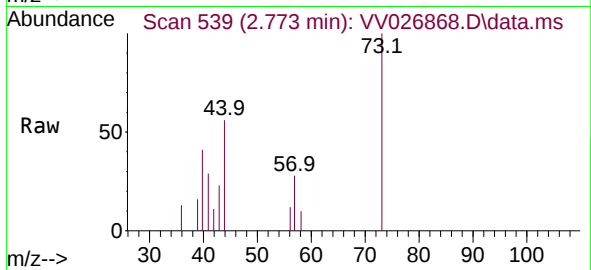
49 103.8 78.7 146.1



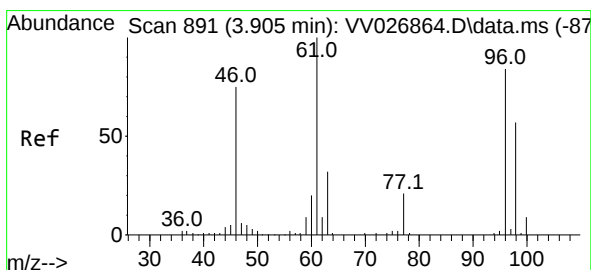
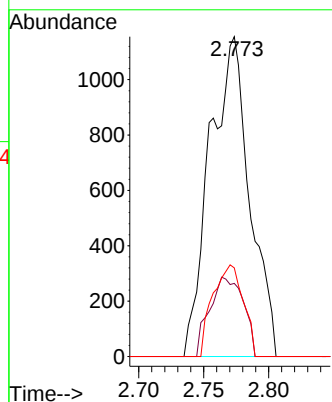
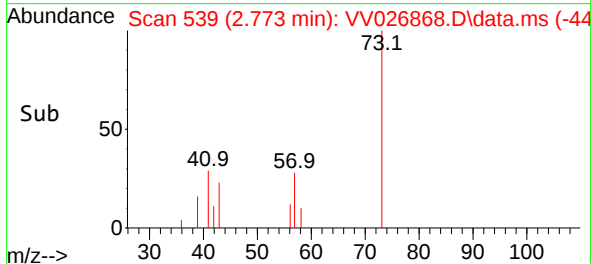


#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

Instrument :
MSVOA_V
ClientSampleId :

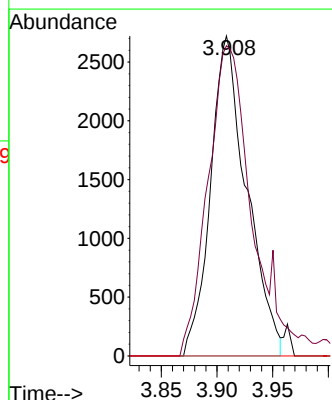
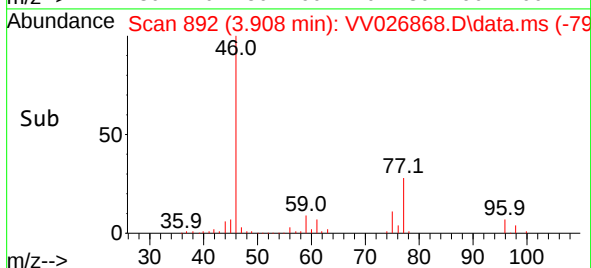
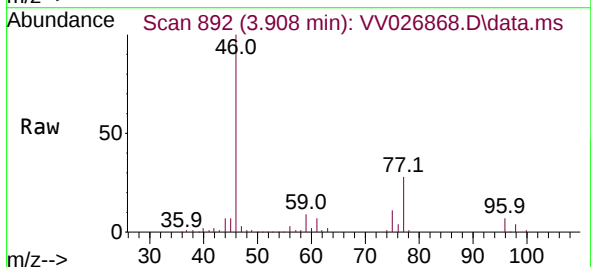


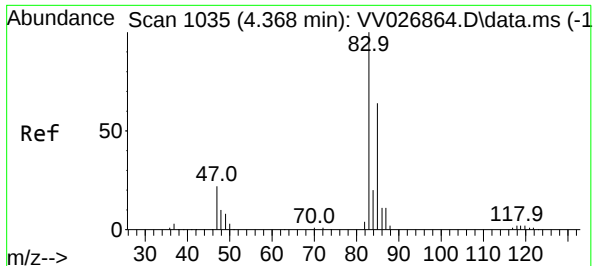
Tgt Ion: 73 Resp: 2462
Ion Ratio Lower Upper
73 100
43 21.0 14.0 21.0#
57 21.9 17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.367 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

Tgt Ion: 96 Resp: 6152
Ion Ratio Lower Upper
96 100
61 97.0 83.9 155.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.091 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

Instrument :

MSVOA_V

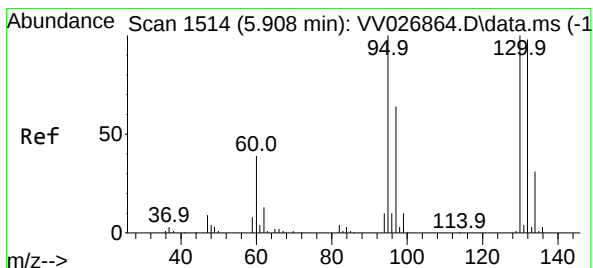
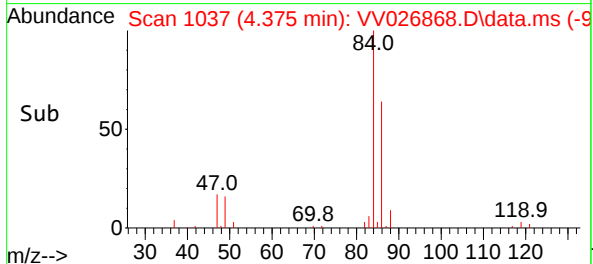
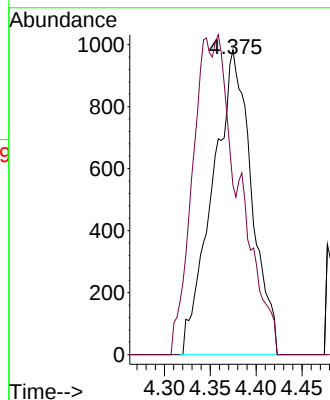
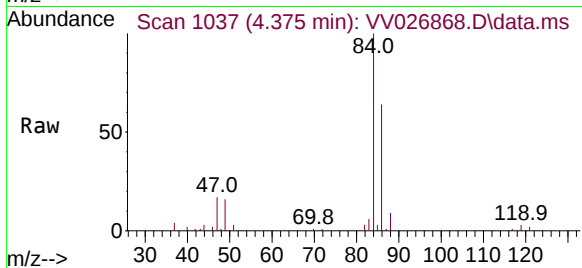
ClientSampleId :

Tgt Ion: 83 Resp: 2905

Ion Ratio Lower Upper

83 100

85 55.4 45.7 84.9



#34

Trichloroethene

Concen: 4.859 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

Tgt Ion: 95 Resp: 85729

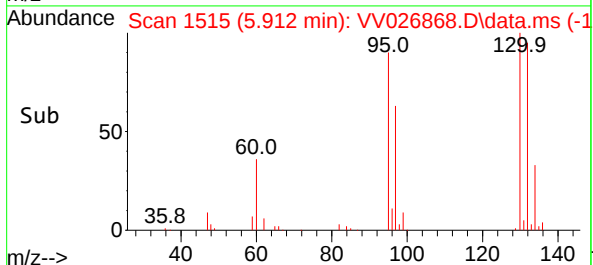
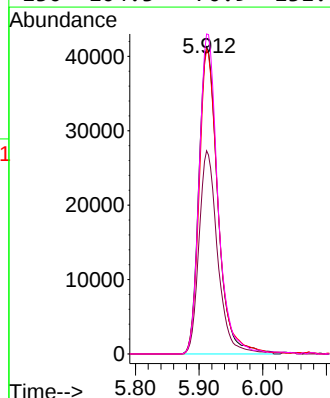
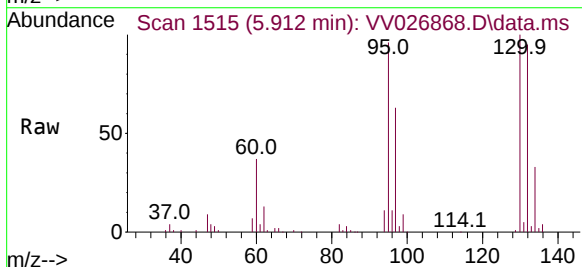
Ion Ratio Lower Upper

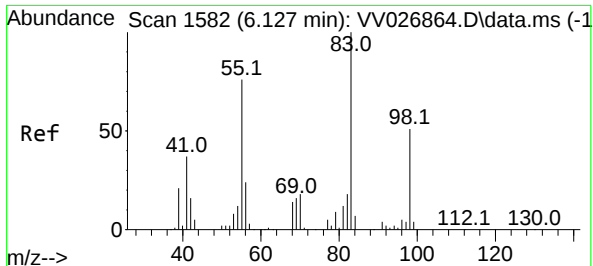
95 100

97 66.2 44.6 82.8

132 99.3 70.2 130.4

130 104.3 70.9 131.7

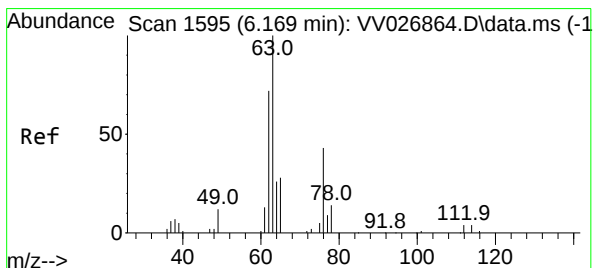
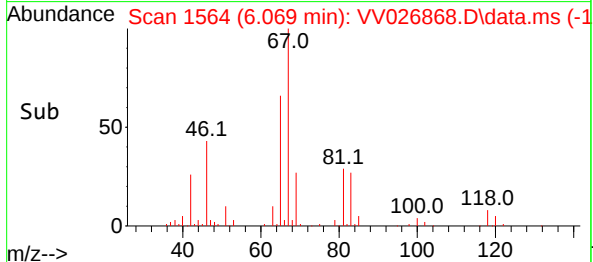
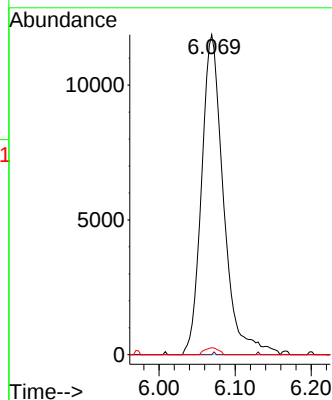
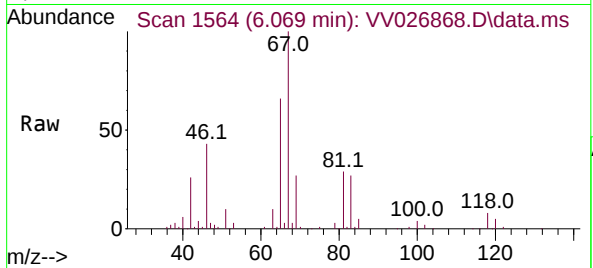




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

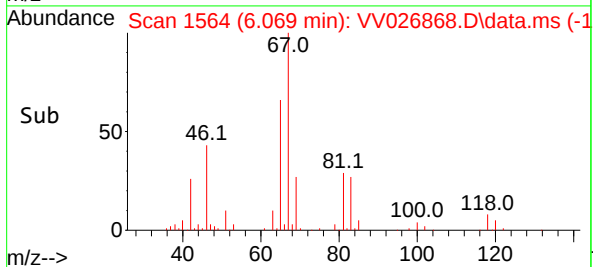
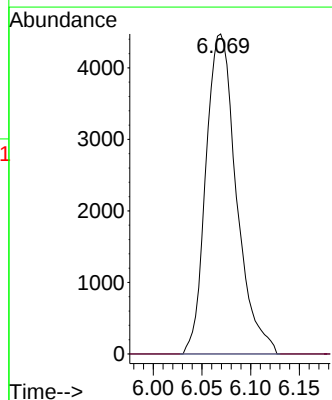
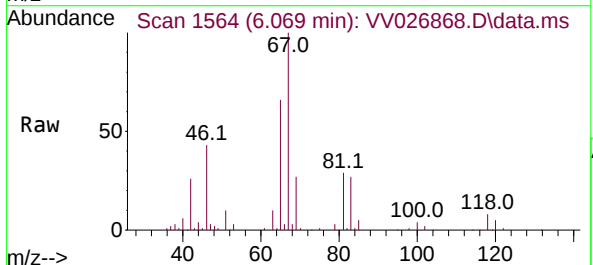
Instrument :
MSVOA_V
ClientSampleId :

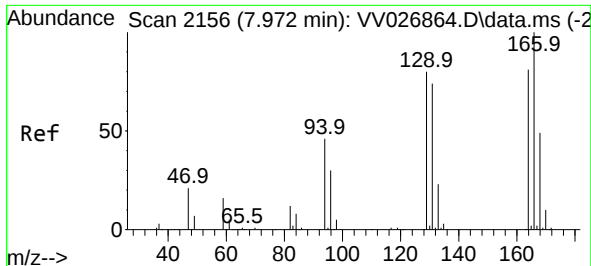
Tgt Ion: 83 Resp: 23876
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 1.4 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV026868.D
Acq: 21 Jul 2022 12:26

Tgt Ion: 63 Resp: 9758
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#47

Tetrachloroethene

Concen: 0.144 ug/L

RT: 7.985 min Scan# 21

Delta R.T. 0.013 min

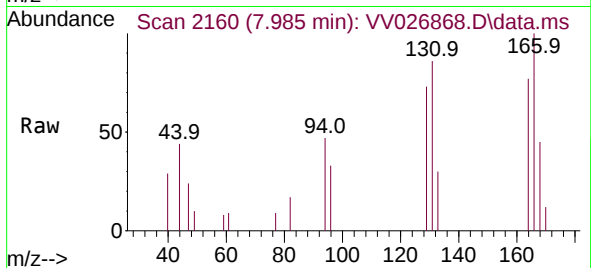
Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1997

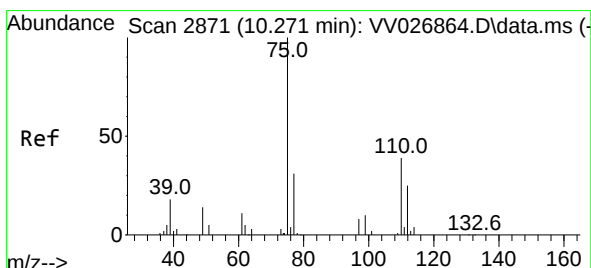
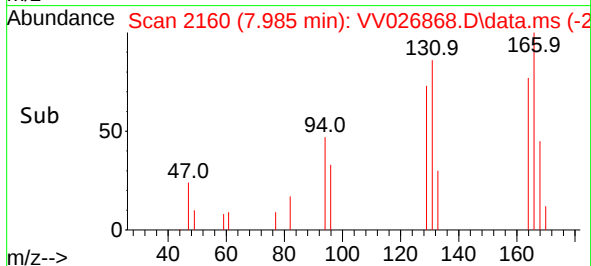
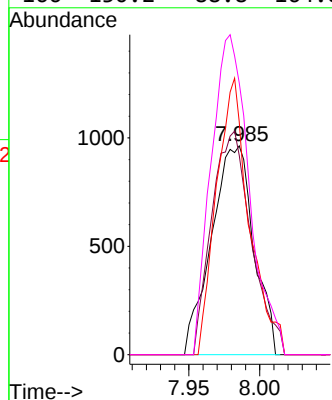
Ion Ratio Lower Upper

164 100

129 95.5 67.8 125.8

131 111.5 65.9 122.5

166 130.2 88.8 164.8



#61

1,2,3-Trichloropropane

Concen: 1.240 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026868.D

Acq: 21 Jul 2022 12:26

Tgt Ion: 75 Resp: 10322

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

110 2.0 31.8 47.6#

