

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027668.D
 Acq On : 01 Sep 2022 14:16
 Operator : SY/MD
 Sample : N4369-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

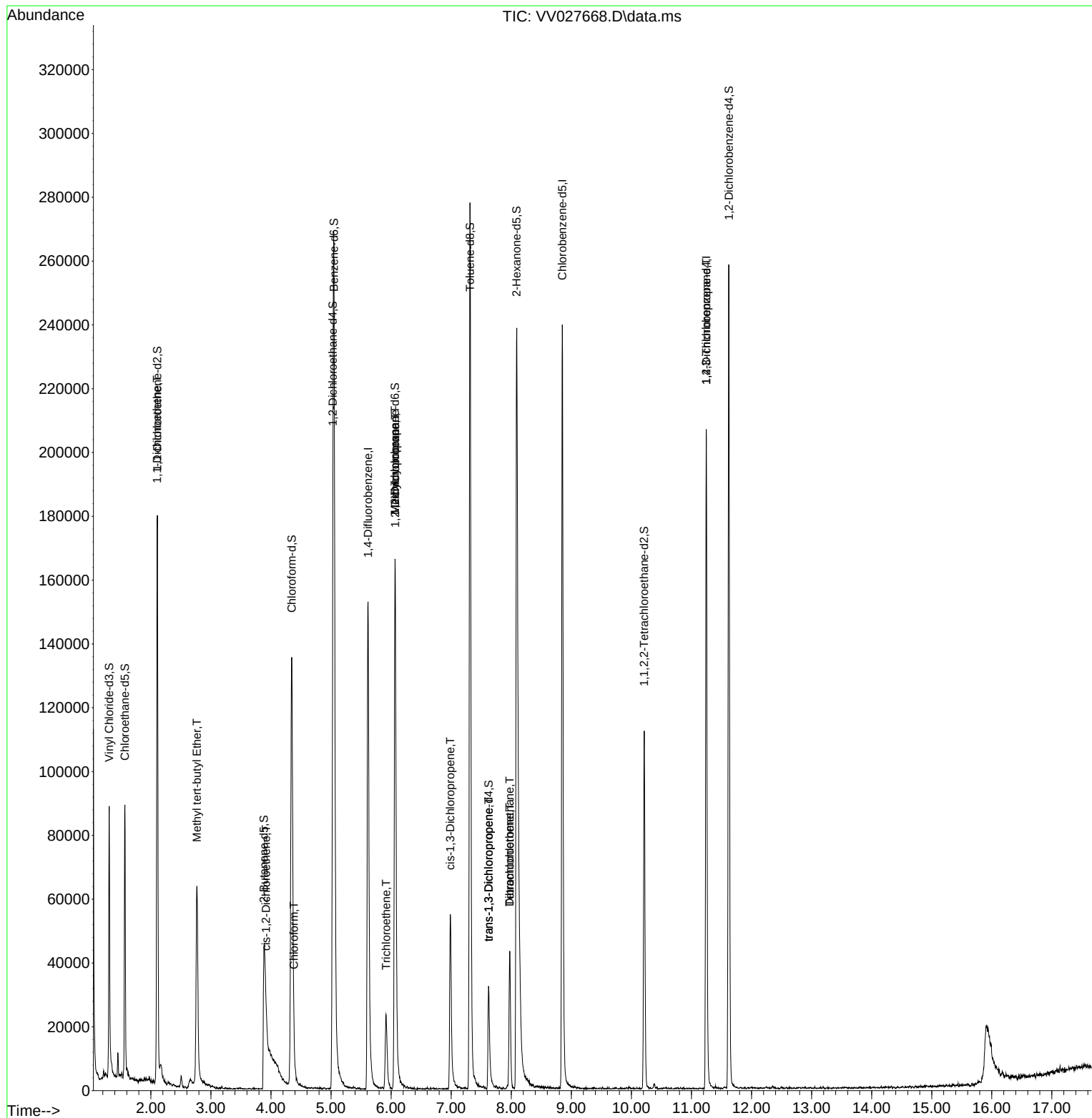
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	54019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61883	4.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	55068	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.108	63	98782	3.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.883	46	83419	33.543	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.080%
24) Chloroform-d	4.346	84	142260	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.031	65	67606	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	248035	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.066	67	80613	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.314	98	187339	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.622	79	21274	4.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	96585	49.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52961	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	63986	5.291	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	975	0.086	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	61144	2.532	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	2302	0.180	ug/L	75
25) Chloroform	4.381	83	2598	0.099	ug/L	99
34) Trichloroethene	5.915	95	8156	0.644	ug/L	90
35) Methylcyclohexane	6.066	83	20579	1.047	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	9417	0.724	ug/L #	89
39) cis-1,3-Dichloropropene	6.986	75	1422	0.089	ug/L	85
44) trans-1,3-Dichloropropene	7.622	75	1047	0.081	ug/L	96
47) Tetrachloroethene	7.976	164	9705	0.945	ug/L	95
49) Dibromochloromethane	7.976	129	9595	0.965	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6613	1.210	ug/L #	68

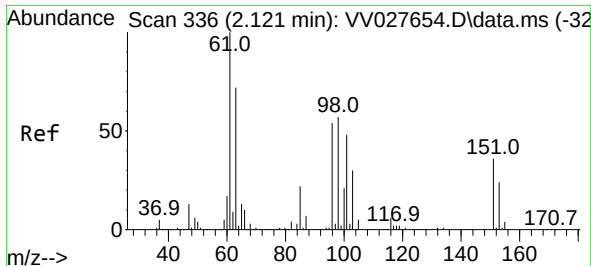
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

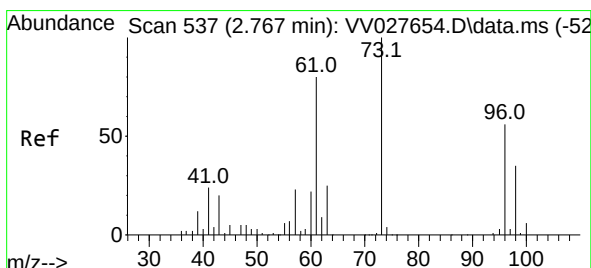
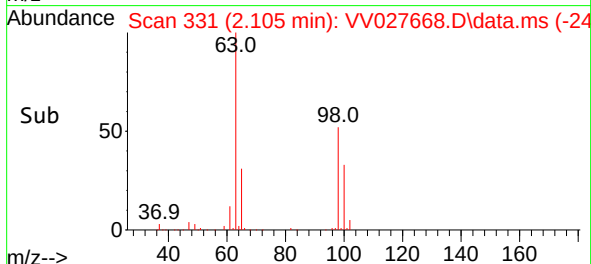
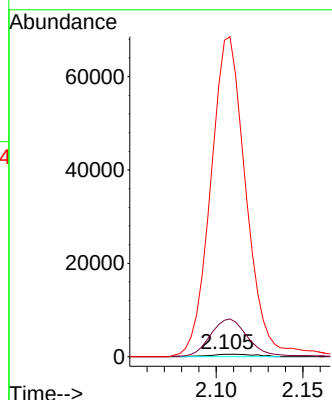
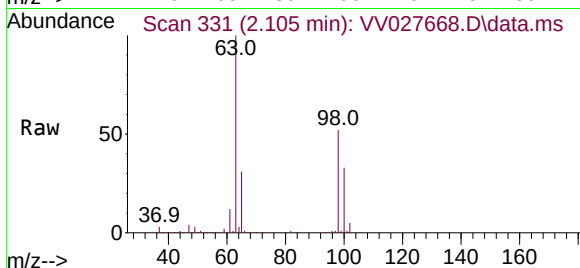
Tgt Ion: 96 Resp: 975

Ion Ratio Lower Upper

96 100

61 1474.2 134.3 249.3#

63 12768.4 105.7 196.3#



#17

Methyl tert-butyl Ether

Concen: 2.532 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

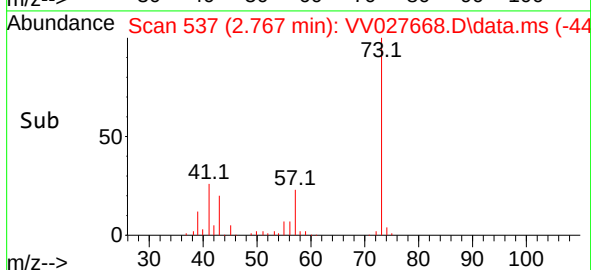
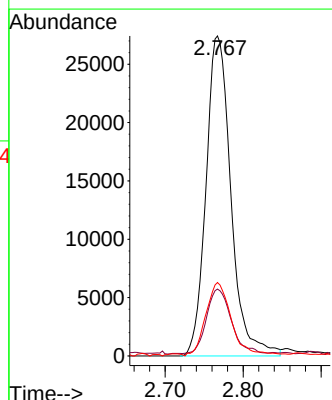
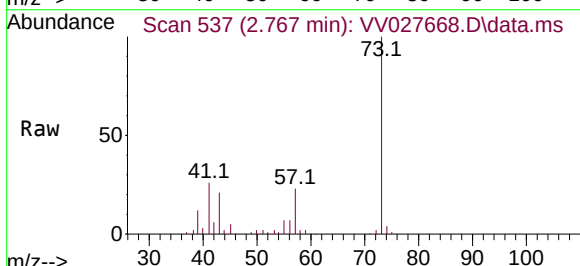
Tgt Ion: 73 Resp: 61144

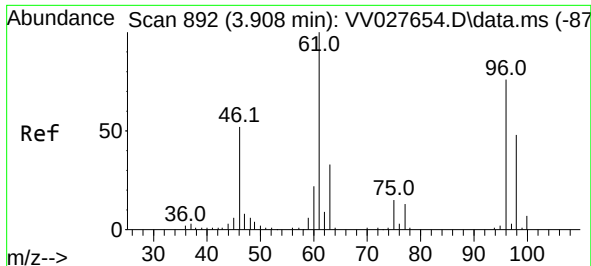
Ion Ratio Lower Upper

73 100

43 19.7 16.5 24.7

57 23.8 18.2 27.2





#22

cis-1,2-Dichloroethene

Concen: 0.180 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.007 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

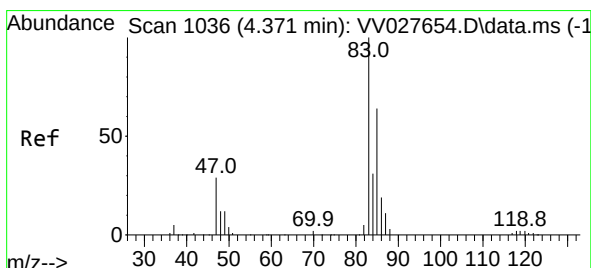
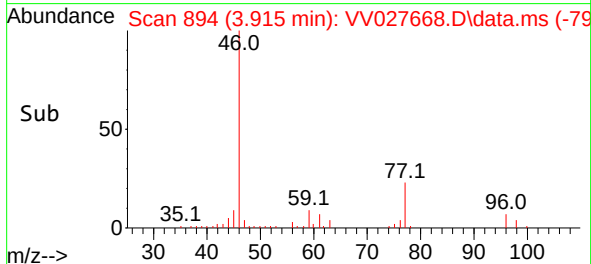
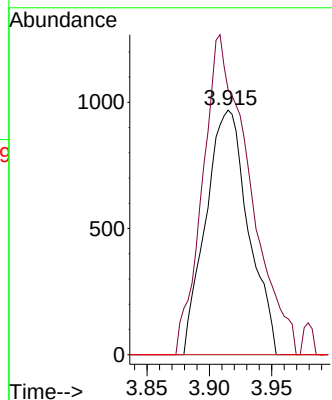
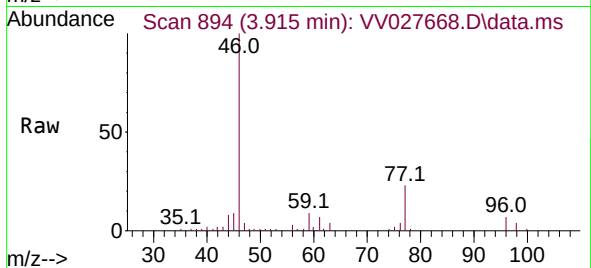
Tgt Ion: 96 Resp: 2302

Ion Ratio Lower Upper

96 100

61 108.5 96.9 180.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.099 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV027668.D

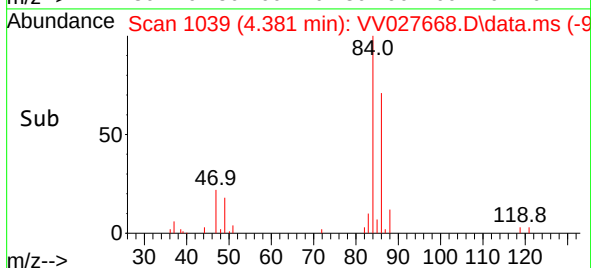
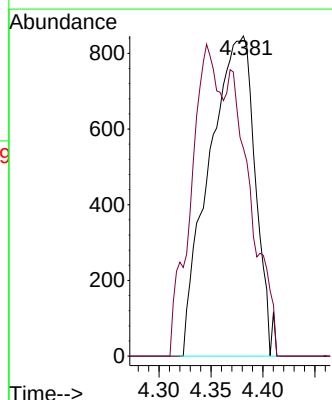
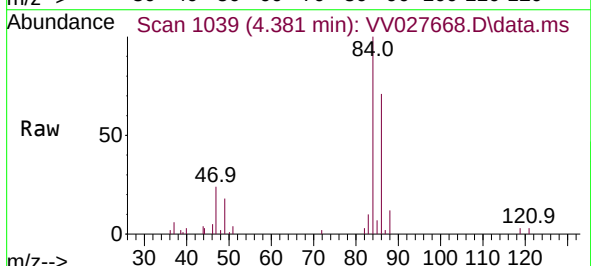
Acq: 01 Sep 2022 14:16

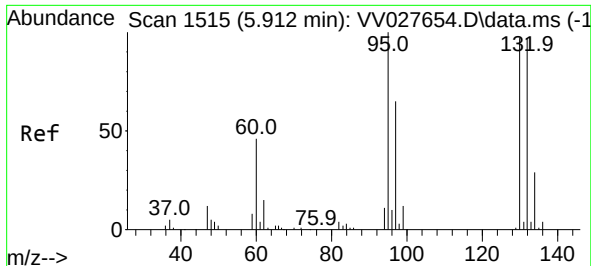
Tgt Ion: 83 Resp: 2598

Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1



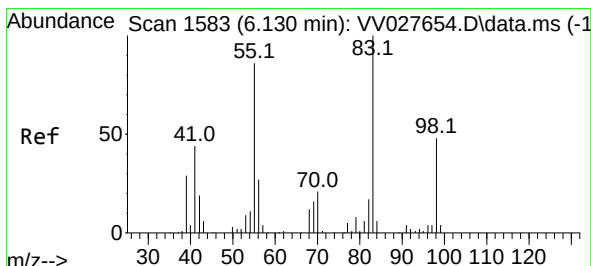
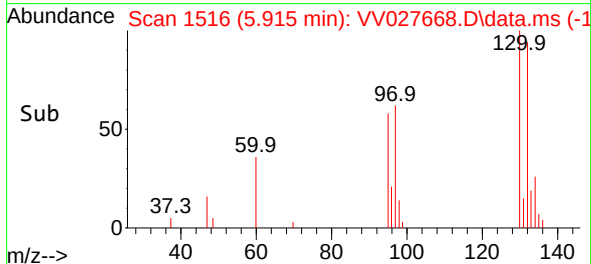
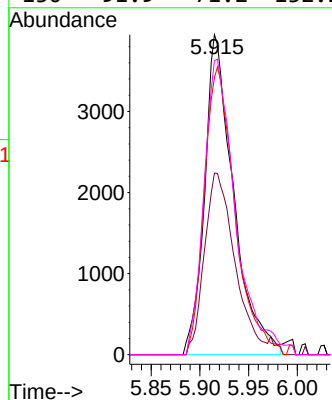
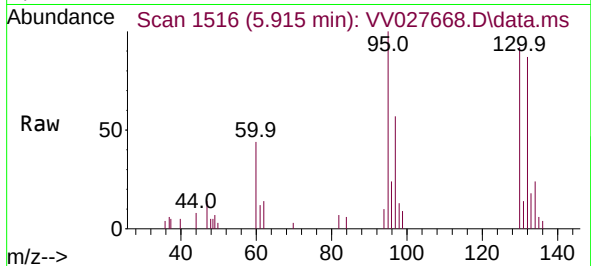


#34
Trichloroethene
Concen: 0.644 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027668.D
Acq: 01 Sep 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 8156

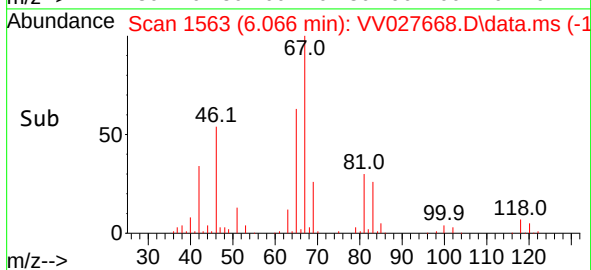
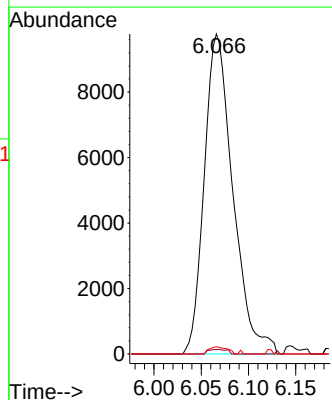
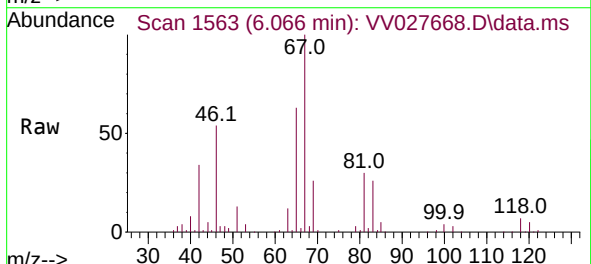
Ion	Ratio	Lower	Upper
95	100		
97	56.8	46.1	85.5
132	86.6	67.3	125.1
130	91.9	71.2	132.2

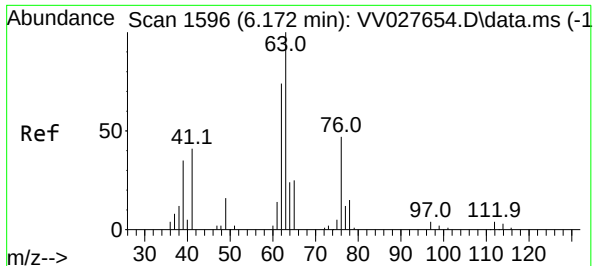


#35
Methylcyclohexane
Concen: 1.047 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV027668.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 83 Resp: 20579

Ion	Ratio	Lower	Upper
83	100		
55	0.9	66.0	99.0#
98	1.4	36.9	55.3#





#37

1,2-Dichloropropane

Concen: 0.724 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_V

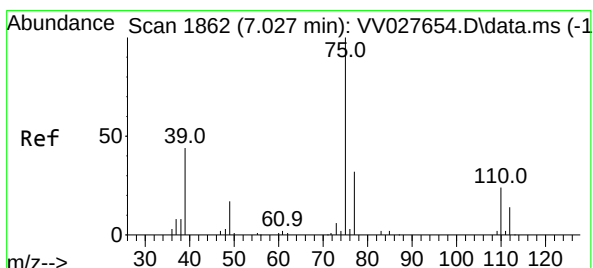
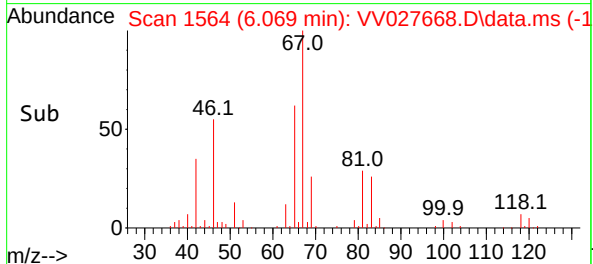
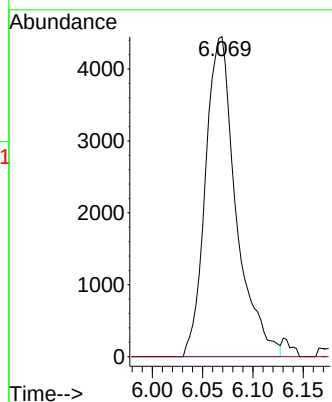
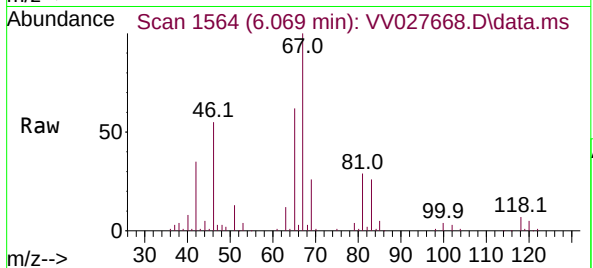
ClientSampleId :

Tgt Ion: 63 Resp: 9417

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV027668.D

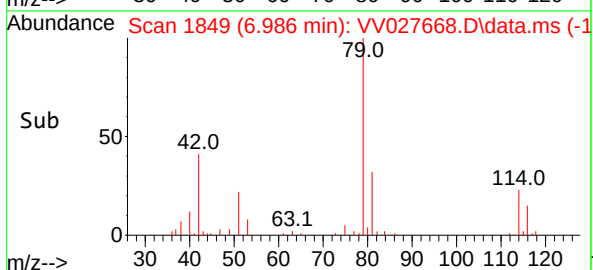
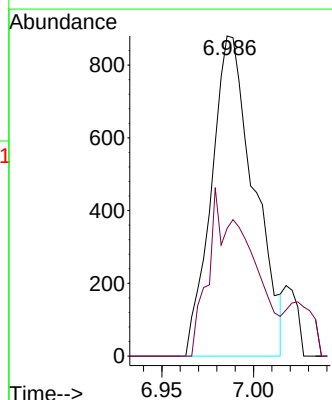
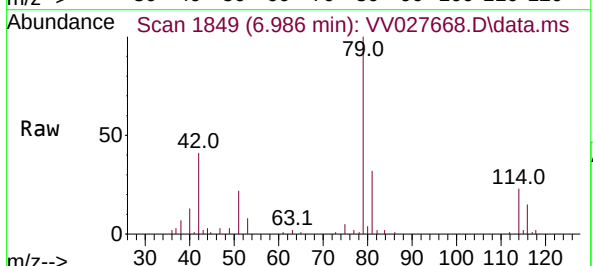
Acq: 01 Sep 2022 14:16

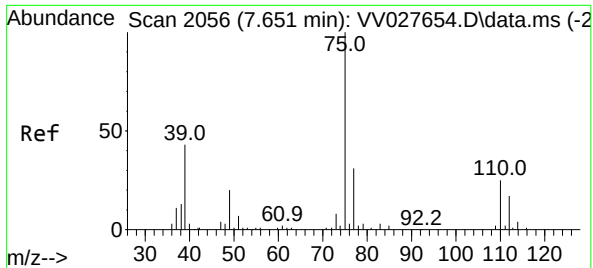
Tgt Ion: 75 Resp: 1422

Ion Ratio Lower Upper

75 100

77 39.9 22.3 41.3

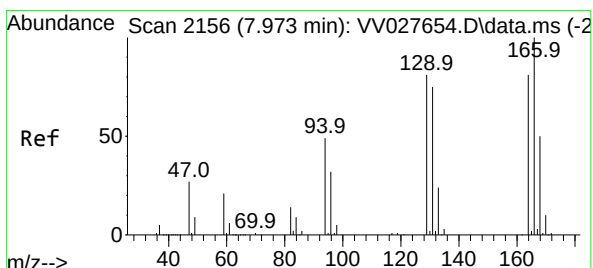
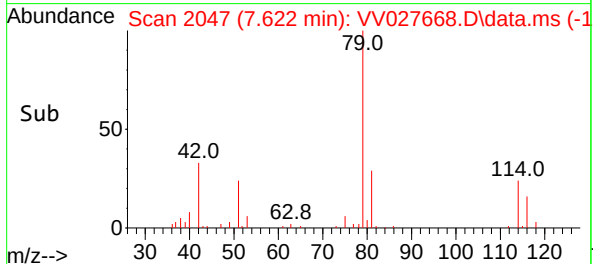
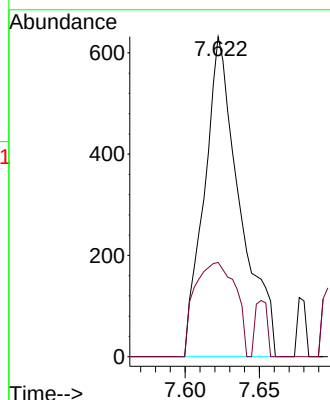
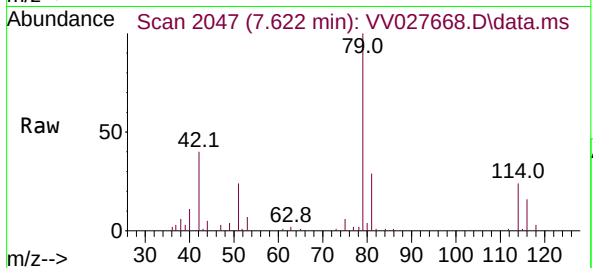




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.622 min Scan# 2056
Delta R.T. -0.029 min
Lab File: VV027668.D
Acq: 01 Sep 2022 14:16

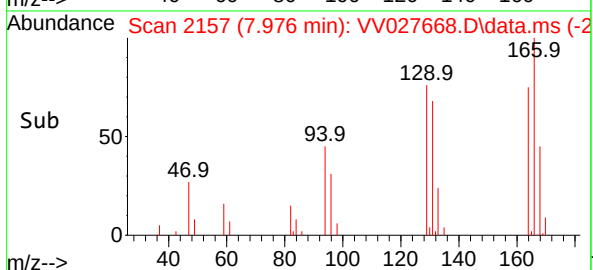
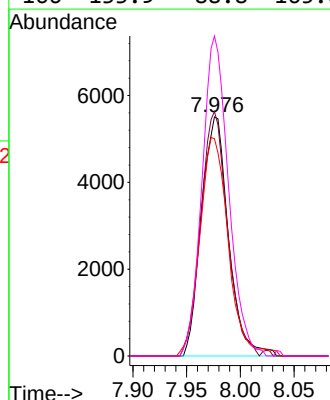
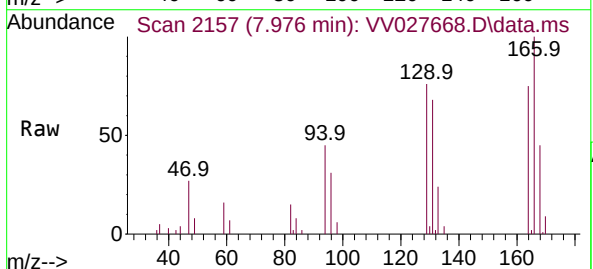
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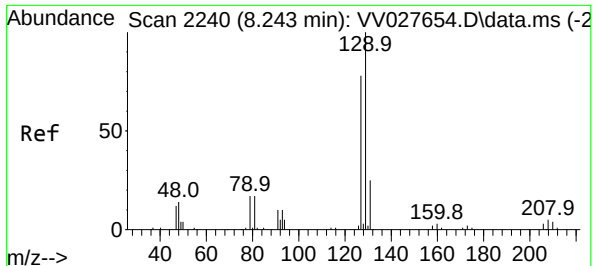
Tgt Ion: 75 Resp: 1047
Ion Ratio Lower Upper
75 100
77 29.4 22.0 41.0



#47
Tetrachloroethene
Concen: 0.945 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027668.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 164 Resp: 9705
Ion Ratio Lower Upper
164 100
129 102.3 65.9 122.3
131 90.9 64.5 119.7
166 133.9 88.8 165.0





#49

Dibromochloromethane

Concen: 0.965 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_V

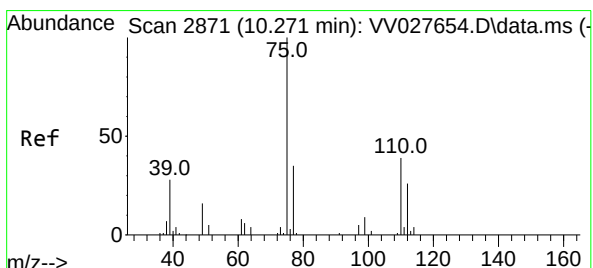
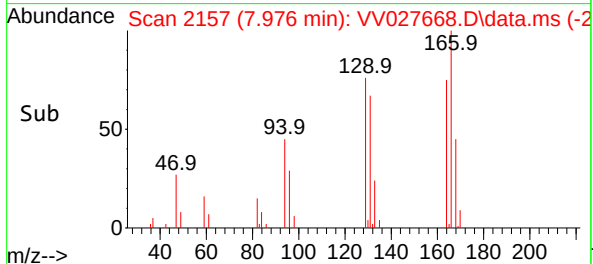
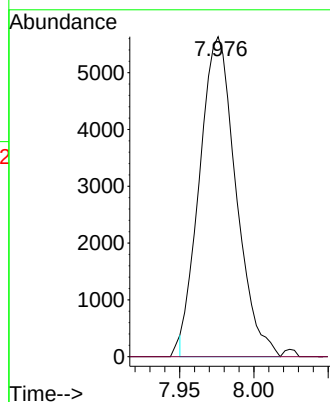
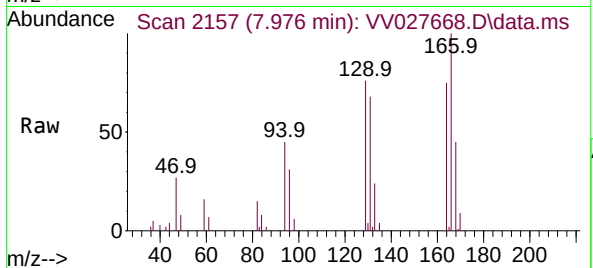
ClientSampleId :

Tgt Ion:129 Resp: 9595

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027668.D

Acq: 01 Sep 2022 14:16

Tgt Ion: 75 Resp: 6613

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.6

110 2.5 29.8 44.8#

