

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027683.D
 Acq On : 01 Sep 2022 21:50
 Operator : SY/MD
 Sample : N4369-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:20:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

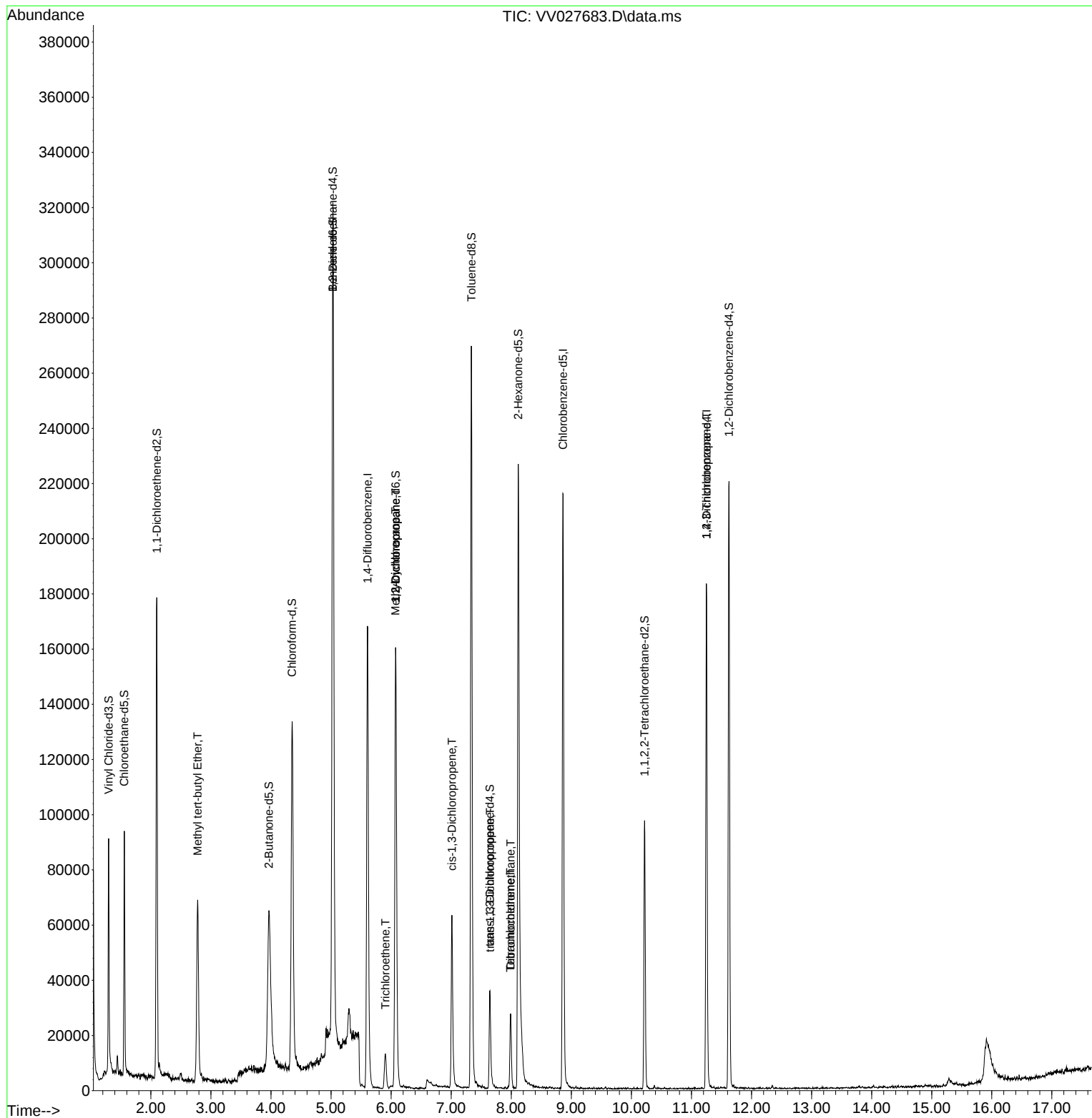
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	145845	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	117463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59180	3.735	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.558	69	53134	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.098	63	93000	2.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.963	46	134334	50.147	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.300%
24) Chloroform-d	4.352	84	126475	3.976	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.027	65	67011	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.031	84	235793	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.076	67	75385	5.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.336	98	181919	4.366	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.645	79	20698	4.514	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.117	63	75683	43.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45387	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	57144	5.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.780	73	66521	2.558	ug/L	97
34) Trichloroethene	5.905	95	3253	0.289	ug/L	89
35) Methylcyclohexane	6.072	83	19219	1.100	ug/L #	17
37) 1,2-Dichloropropane	6.076	63	8926	0.772	ug/L #	89
39) cis-1,3-Dichloropropene	7.011	75	1637	0.116	ug/L #	30
44) trans-1,3-Dichloropropene	7.648	75	1003	0.087	ug/L #	72
47) Tetrachloroethene	7.986	164	6065	0.664	ug/L	91
49) Dibromochloromethane	7.989	129	6057	0.685	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5066	1.001	ug/L #	63

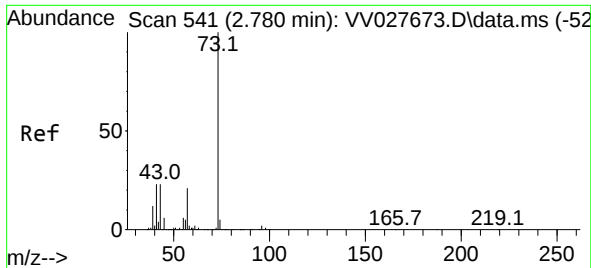
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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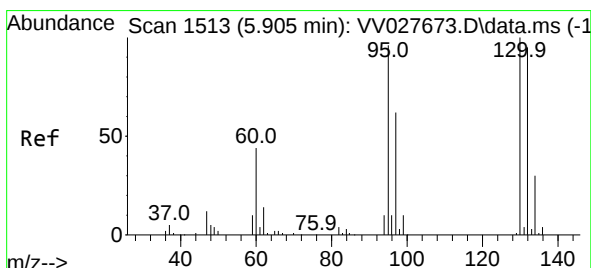
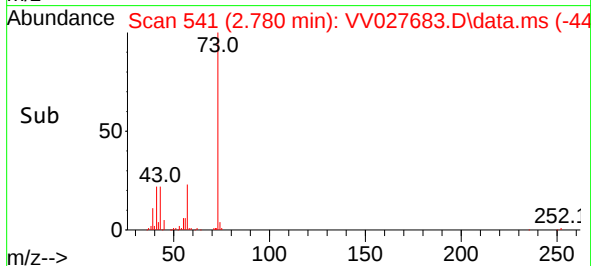
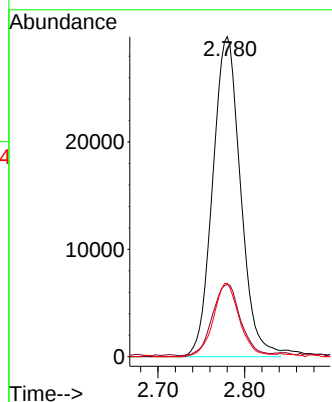
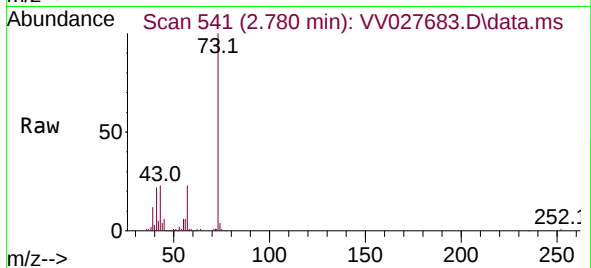




#17
Methyl tert-butyl Ether
Concen: 2.558 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.000 min
Lab File: VV027683.D
Acq: 01 Sep 2022 21:50

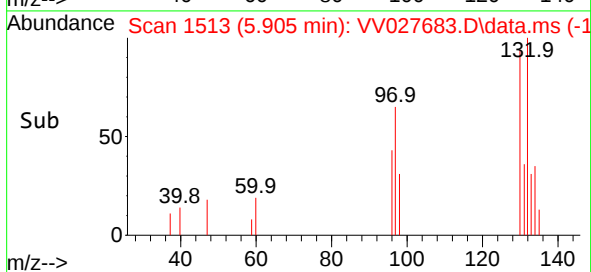
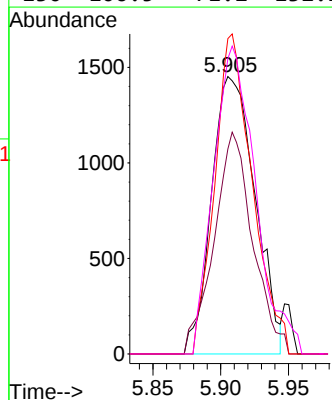
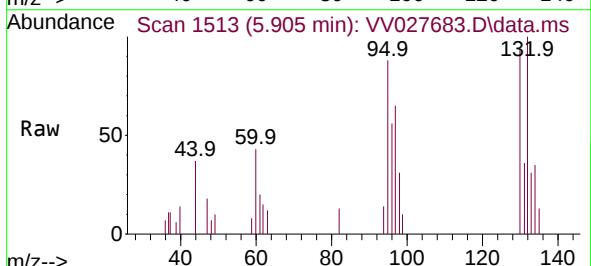
Instrument :
MSVOA_V
ClientSampleId :

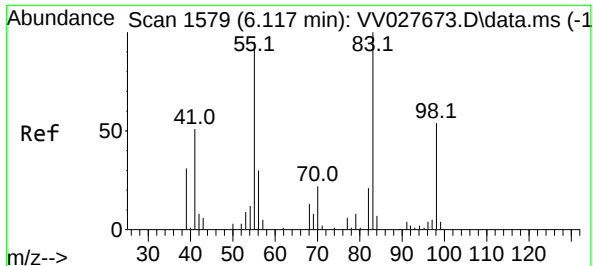
Tgt Ion: 73	Resp: 66521
Ion Ratio	Lower Upper
73	100
43	22.4 16.5 24.7
57	21.6 18.2 27.2



#34
Trichloroethene
Concen: 0.289 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV027683.D
Acq: 01 Sep 2022 21:50

Tgt Ion: 95	Resp: 3253
Ion Ratio	Lower Upper
95	100
97	73.9 46.1 85.5
132	113.7 67.3 125.1
130	106.5 71.2 132.2





#35

Methylcyclohexane

Concen: 1.100 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.045 min

Lab File: VV027683.D

Acq: 01 Sep 2022 21:50

Instrument :

MSVOA_V

ClientSampleId :

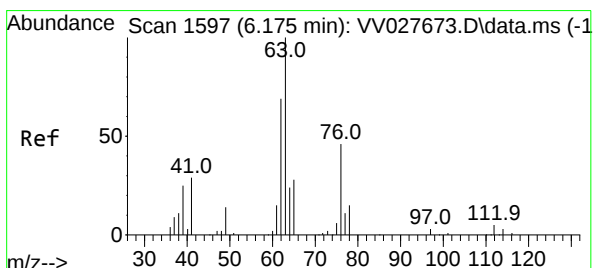
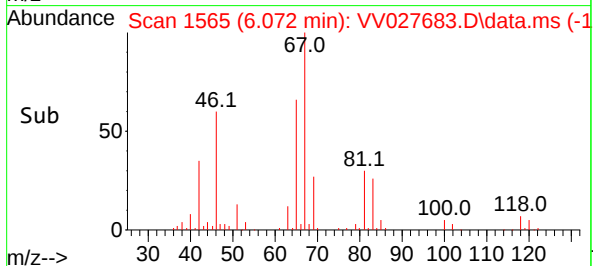
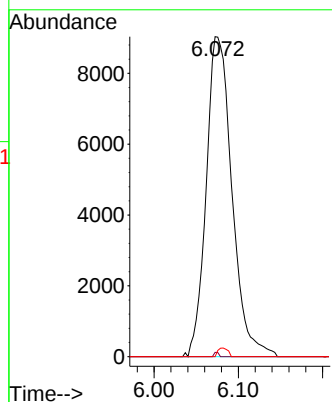
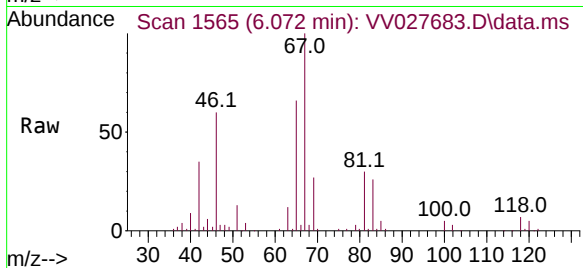
Tgt Ion: 83 Resp: 19219

Ion Ratio Lower Upper

83 100

55 0.2 66.0 99.0#

98 1.0 36.9 55.3#



#37

1,2-Dichloropropane

Concen: 0.772 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV027683.D

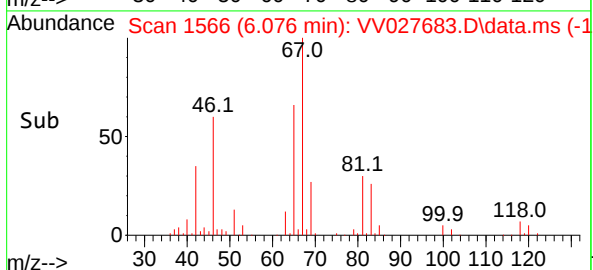
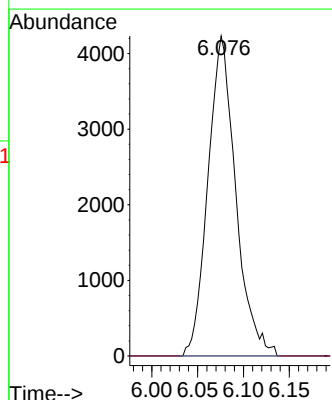
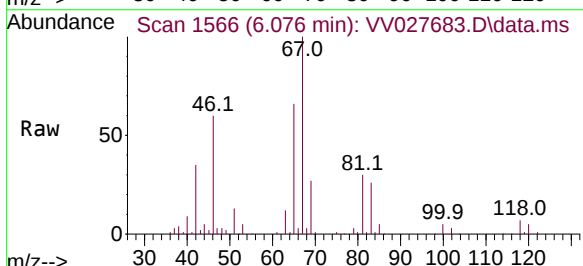
Acq: 01 Sep 2022 21:50

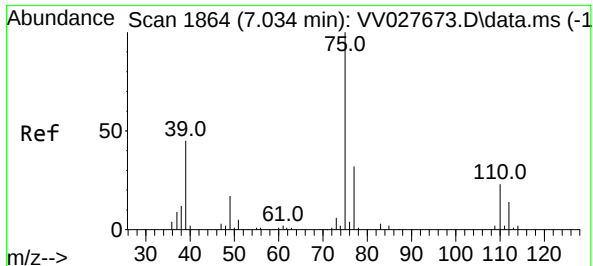
Tgt Ion: 63 Resp: 8926

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.011 min Scan# 11

Delta R.T. -0.022 min

Lab File: VV027683.D

Acq: 01 Sep 2022 21:50

Instrument :

MSVOA_V

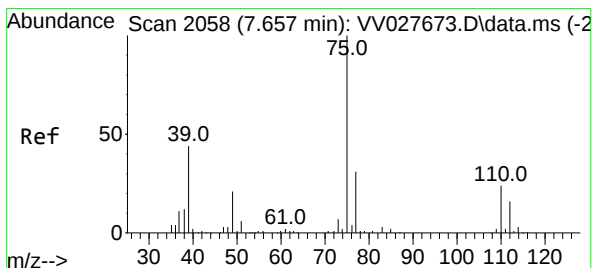
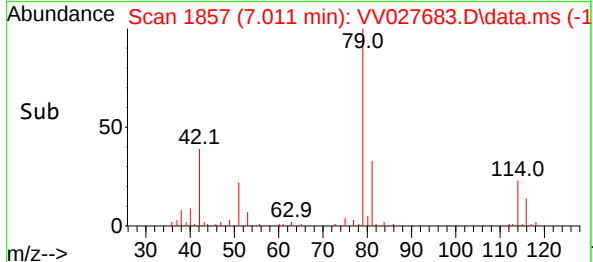
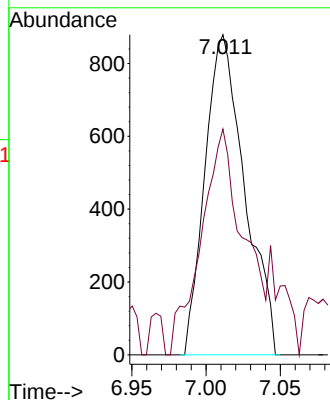
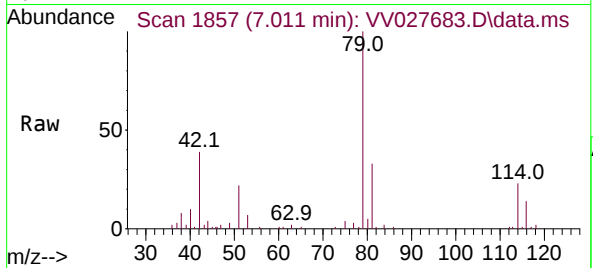
ClientSampleId :

Tgt Ion: 75 Resp: 1637

Ion Ratio Lower Upper

75 100

77 70.5 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.010 min

Lab File: VV027683.D

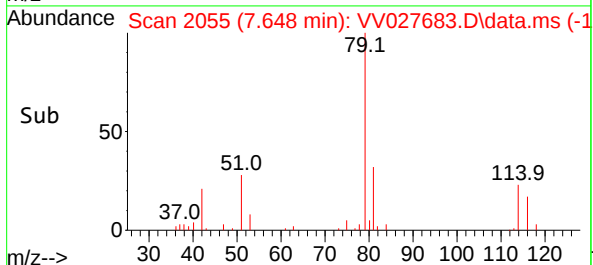
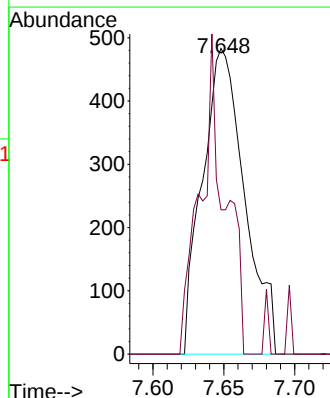
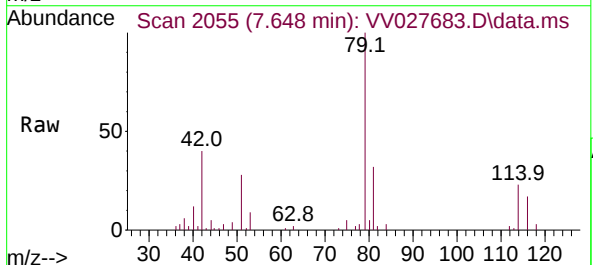
Acq: 01 Sep 2022 21:50

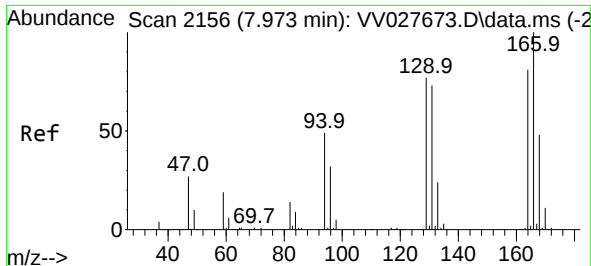
Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 47.2 22.0 41.0#





#47

Tetrachloroethene

Concen: 0.664 ug/L

RT: 7.986 min Scan# 2156

Delta R.T. 0.013 min

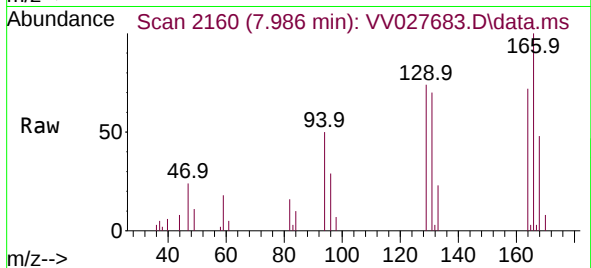
Lab File: VV027683.D

Acq: 01 Sep 2022 21:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6065

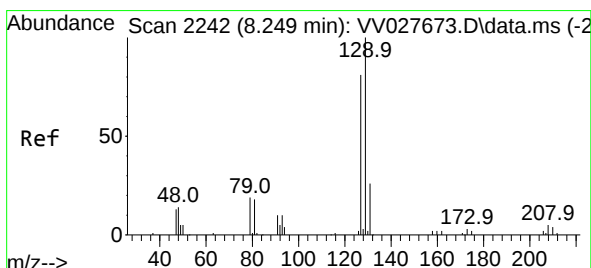
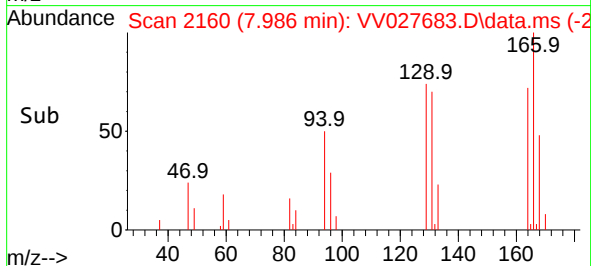
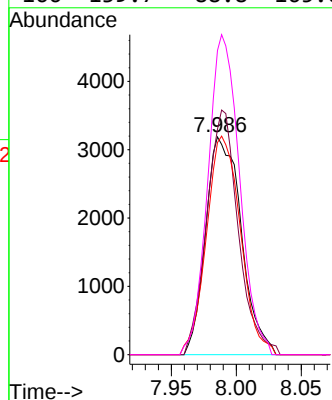
Ion Ratio Lower Upper

164 100

129 103.5 65.9 122.3

131 97.4 64.5 119.7

166 139.7 88.8 165.0



#49

Dibromochloromethane

Concen: 0.685 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.260 min

Lab File: VV027683.D

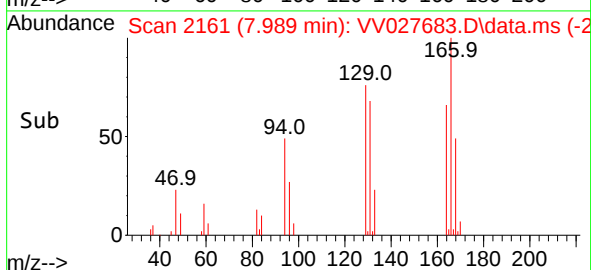
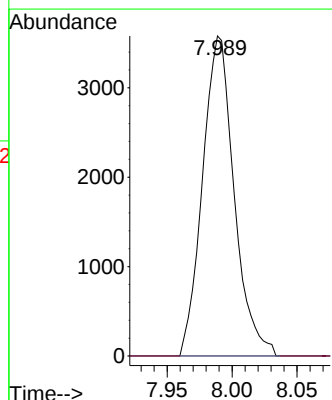
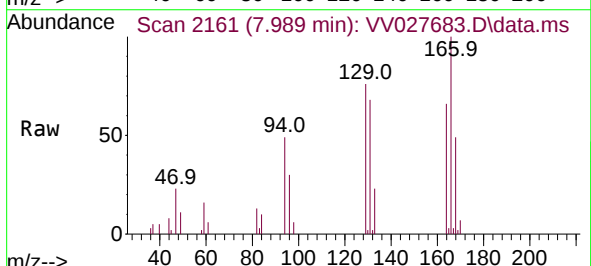
Acq: 01 Sep 2022 21:50

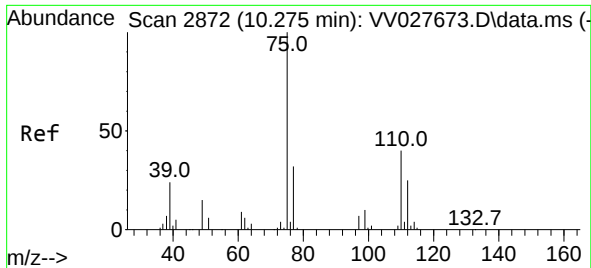
Tgt Ion:129 Resp: 6057

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.001 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

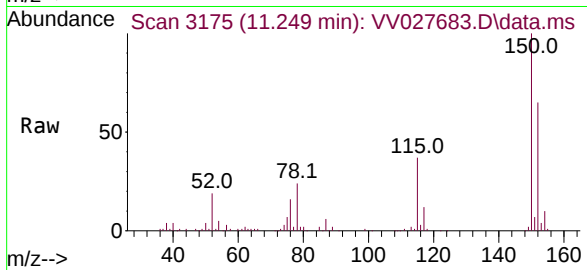
Lab File: VV027683.D

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MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5066

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6

110 1.5 29.8 44.8#

