

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027541.D
 Acq On : 26 Aug 2022 18:05
 Operator : SY/MD
 Sample : N4368-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

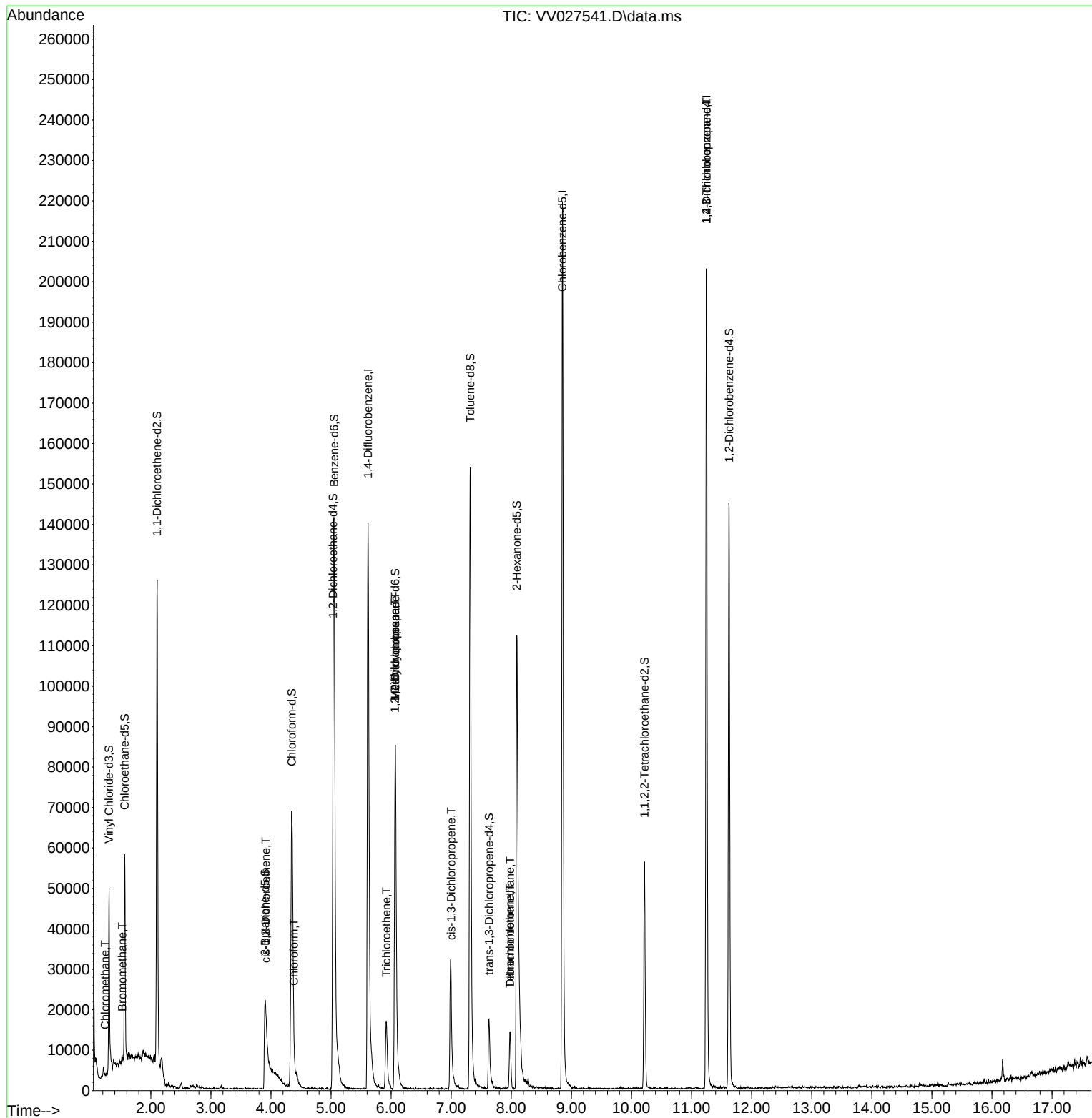
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126525	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30834	3.424	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.564	69	32122	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.105	63	63208	3.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.902	46	44347	39.573	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.140%
24) Chloroform-d	4.346	84	76756	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.034	65	35562	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.050	84	134434	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.069	67	41124	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.317	98	110370	3.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.628	79	11754	3.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.091	63	46183	41.149	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26117	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	37339	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	509	0.043	ug/L	96
6) Bromomethane	1.523	94	606	0.104	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	1892	0.180	ug/L	88
25) Chloroform	4.381	83	2521	0.114	ug/L	96
34) Trichloroethene	5.918	95	6158	0.569	ug/L	95
35) Methylcyclohexane	6.069	83	11080	0.728	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	5004	0.457	ug/L #	85
39) cis-1,3-Dichloropropene	6.998	75	889	0.067	ug/L #	80
47) Tetrachloroethene	7.976	164	3425	0.406	ug/L	83
49) Dibromochloromethane	7.979	129	2678	0.311	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	5973	1.273	ug/L #	67

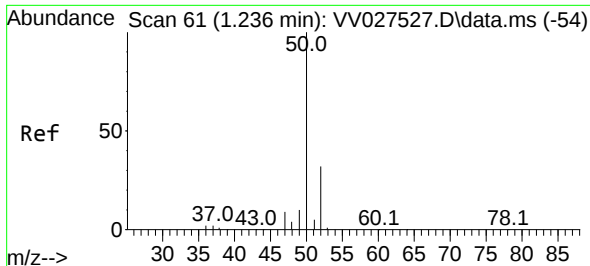
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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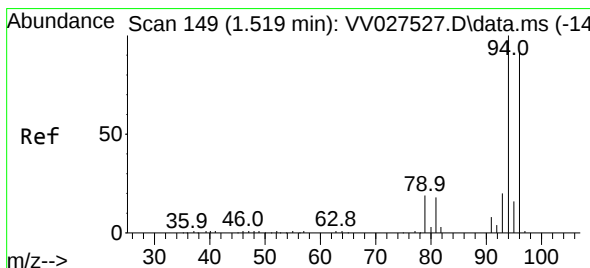
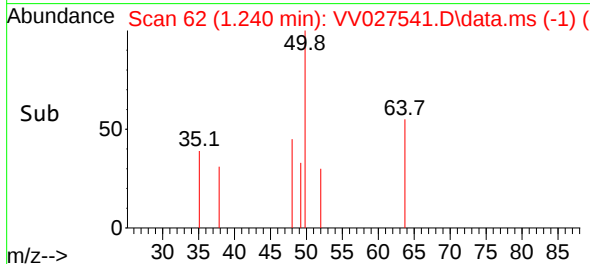
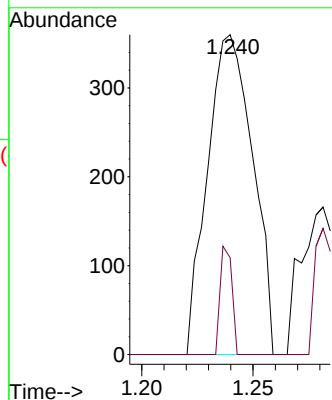
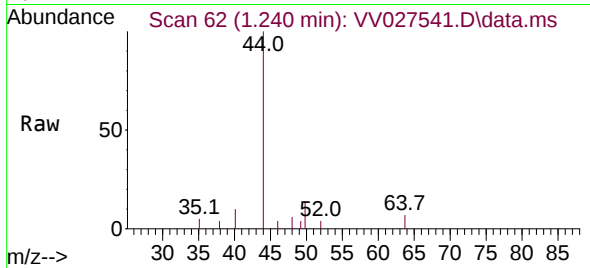




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027541.D
Acq: 26 Aug 2022 18:05

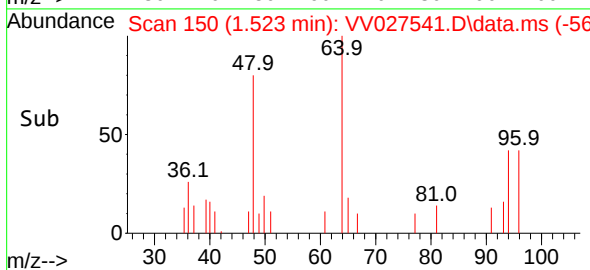
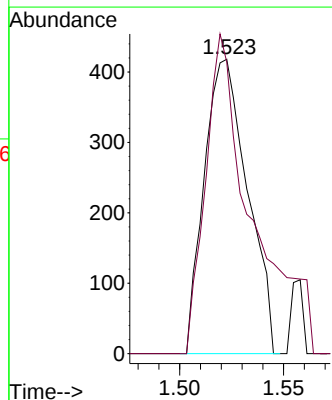
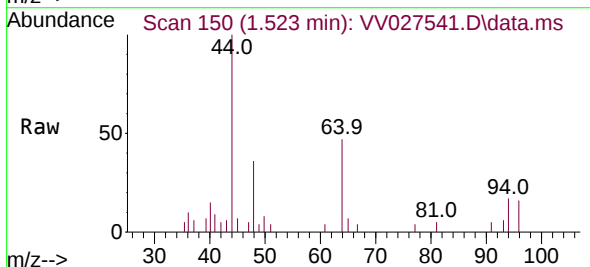
Instrument :
MSVOA_V
ClientSampleId :

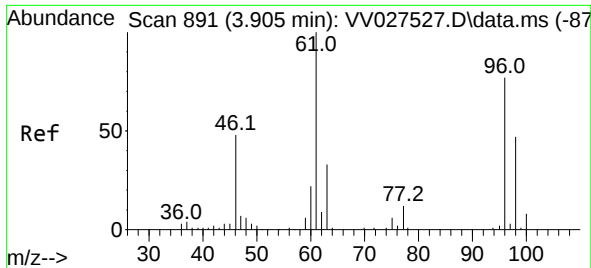
Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 30.3 22.8 42.4



#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027541.D
Acq: 26 Aug 2022 18:05

Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 99.0 65.2 121.0

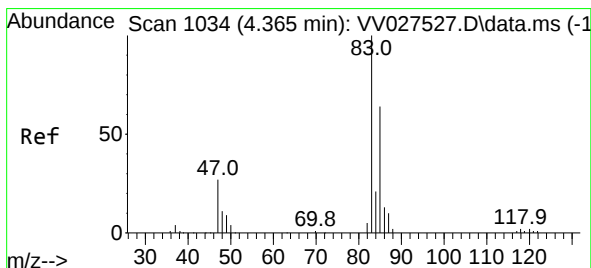
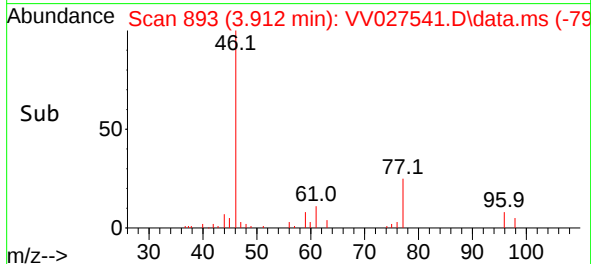
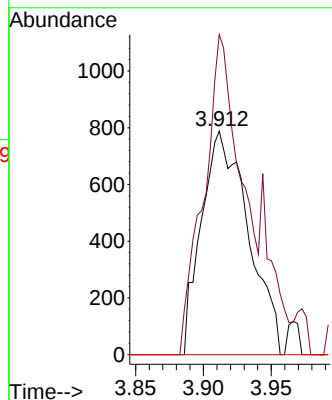
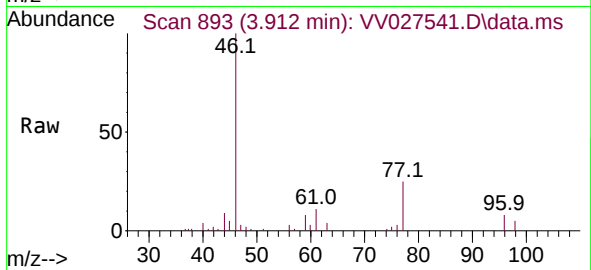




#22
 cis-1,2-Dichloroethene
 Concen: 0.180 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027541.D
 Acq: 26 Aug 2022 18:05

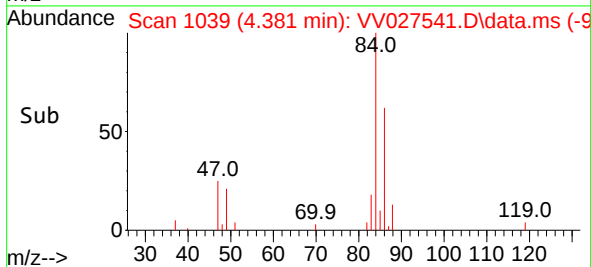
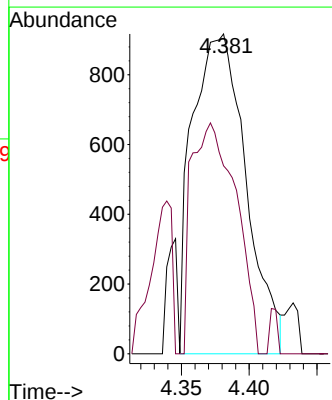
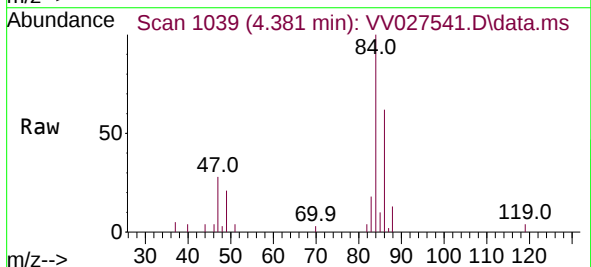
Instrument :
 MSVOA_V
 ClientSampleId :

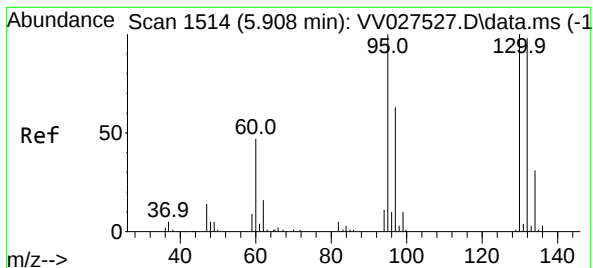
Tgt Ion: 96 Resp: 1892
 Ion Ratio Lower Upper
 96 100
 61 143.1 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.114 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.016 min
 Lab File: VV027541.D
 Acq: 26 Aug 2022 18:05

Tgt Ion: 83 Resp: 2521
 Ion Ratio Lower Upper
 83 100
 85 58.8 43.3 80.5





#34

Trichloroethene

Concen: 0.569 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027541.D

Acq: 26 Aug 2022 18:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6158

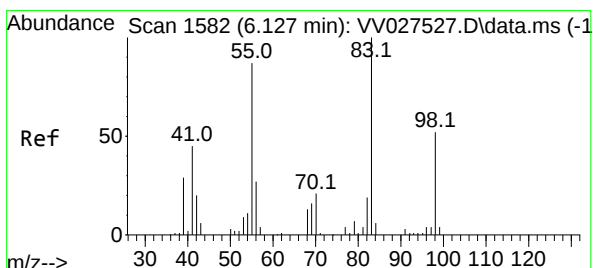
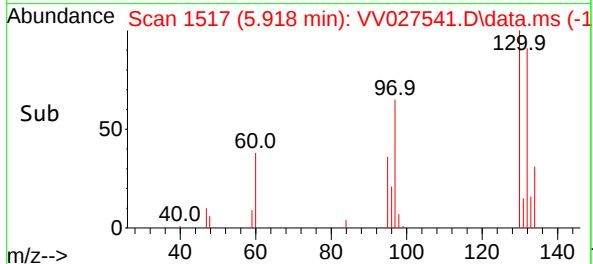
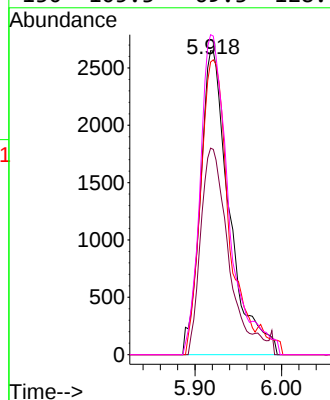
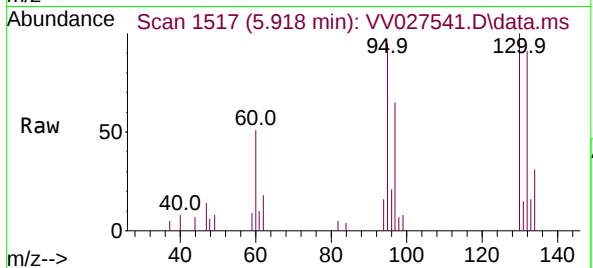
Ion Ratio Lower Upper

95 100

97 68.0 45.0 83.6

132 96.3 65.7 121.9

130 105.3 69.3 128.7



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027541.D

Acq: 26 Aug 2022 18:05

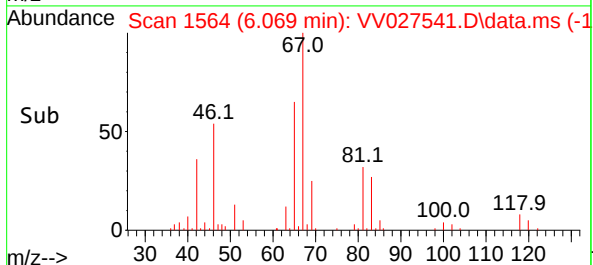
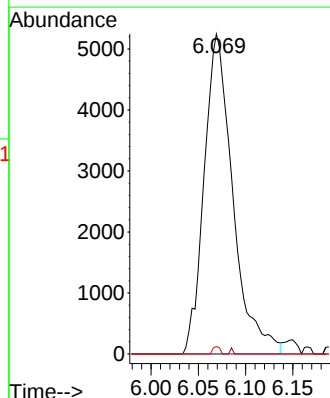
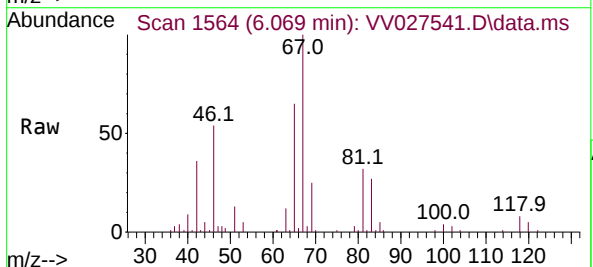
Tgt Ion: 83 Resp: 11080

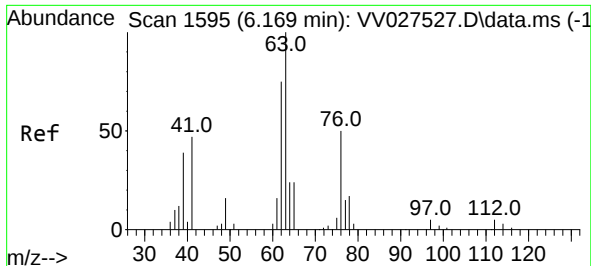
Ion Ratio Lower Upper

83 100

55 0.2 68.2 102.4#

98 0.6 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV027541.D

Acq: 26 Aug 2022 18:05

Instrument :

MSVOA_V

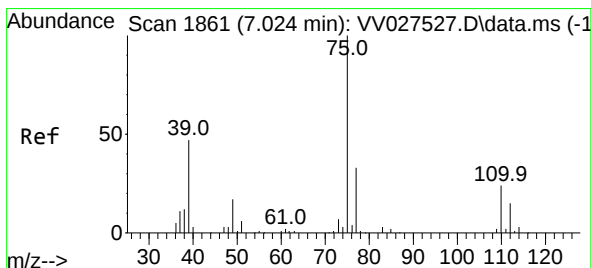
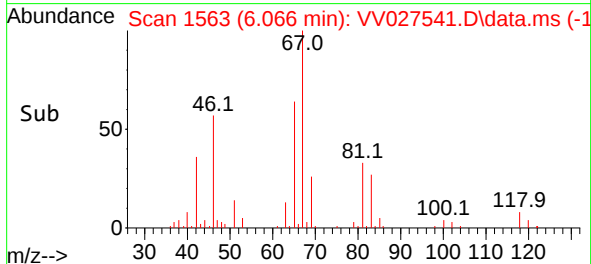
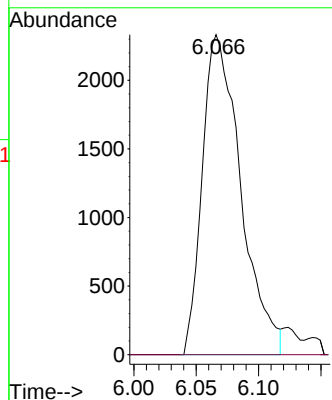
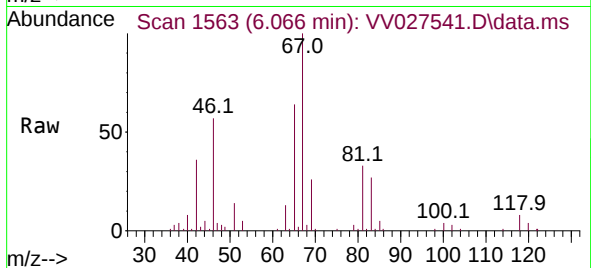
ClientSampleId :

Tgt Ion: 63 Resp: 5004

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.026 min

Lab File: VV027541.D

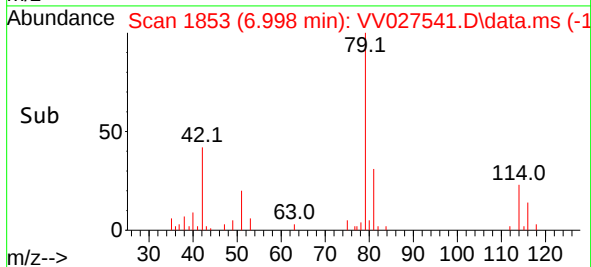
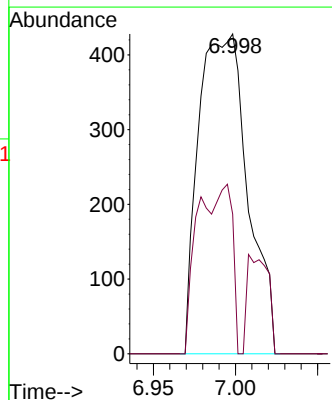
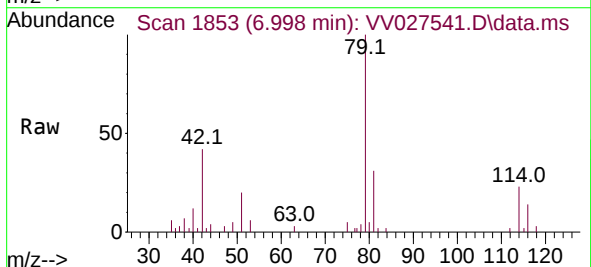
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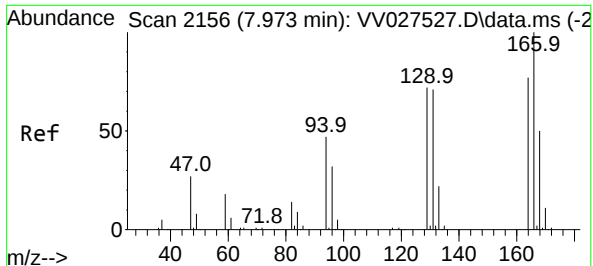
Tgt Ion: 75 Resp: 889

Ion Ratio Lower Upper

75 100

77 43.7 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.406 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

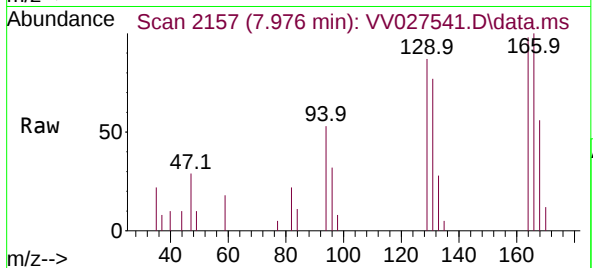
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MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3425

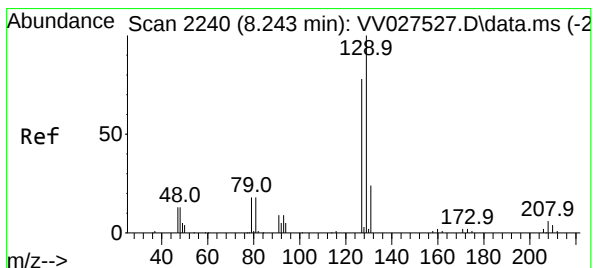
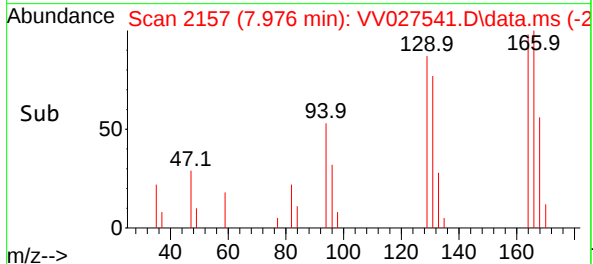
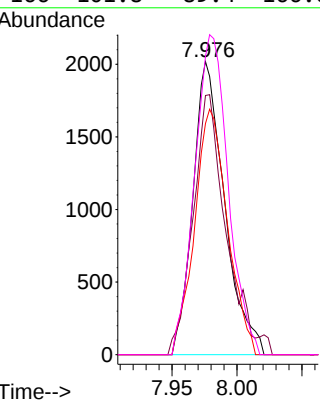
Ion Ratio Lower Upper

164 100

129 88.4 71.1 132.1

131 78.9 64.5 119.9

166 101.8 89.4 166.0



#49

Dibromochloromethane

Concen: 0.311 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027541.D

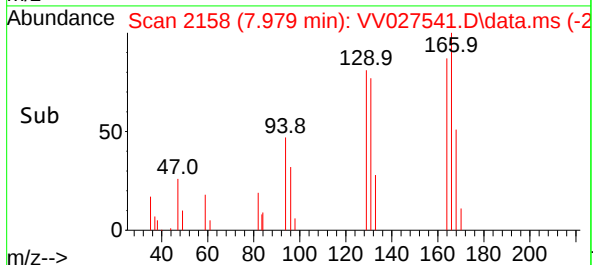
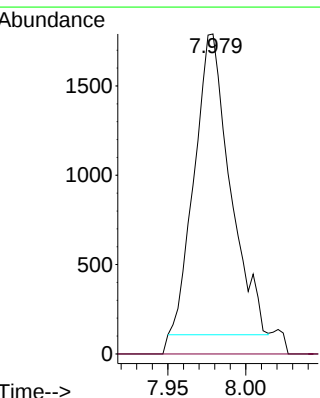
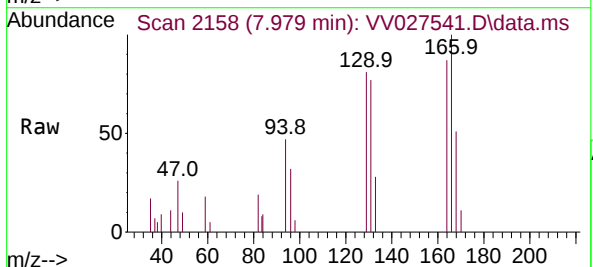
Acq: 26 Aug 2022 18:05

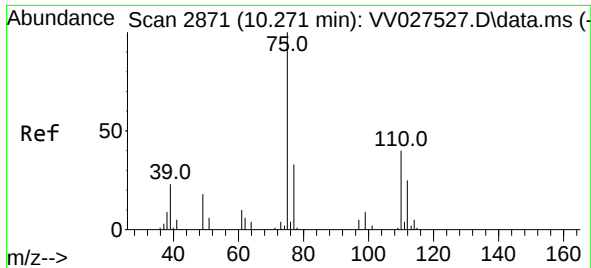
Tgt Ion:129 Resp: 2678

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.273 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

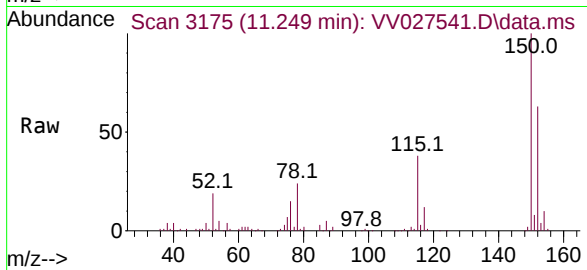
Lab File: VV027541.D

Acq: 26 Aug 2022 18:05

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ClientSampleId :



Tgt Ion: 75 Resp: 5973

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2

110 2.2 29.9 44.9#

