

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017109.D
 Acq On : 25 Jun 2020 07:05
 Operator : SY/MD
 Sample : L3102-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L62

Quant Time: Jun 25 07:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	179941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174914	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81400	5.00	ug/L	0.00

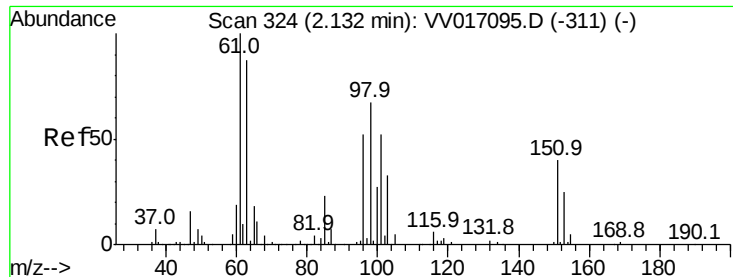
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38269	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	33043	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	61387	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.92	46	117122	42.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	4.38	84	102831	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	56347	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	193004	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.10	67	58435	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	175406	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.64	79	22106	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	86736	40.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42167	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	70091	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	886	0.093	ug/L #	36
13) Acetone	2.20	43	1812	1.302	ug/L	51
17) Methyl tert-butyl Ether	2.79	73	6772	0.312	ug/L #	83
22) cis-1,2-Dichloroethene	3.94	96	19472	1.556	ug/L	96
25) Chloroform	4.40	83	4833	0.215	ug/L	96
34) Trichloroethene	5.94	95	9313	0.694	ug/L	93
35) Methylcyclohexane	6.10	83	15436	0.740	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7680	0.677	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1793	0.106	ug/L #	14
49) Tetrachloroethene	8.00	164	76316	7.069	ug/L	98
50) 2-Hexanone	8.11	43	12197	2.618	ug/L #	70
51) Dibromochloromethane	8.00	129	68249	7.001	ug/L #	11

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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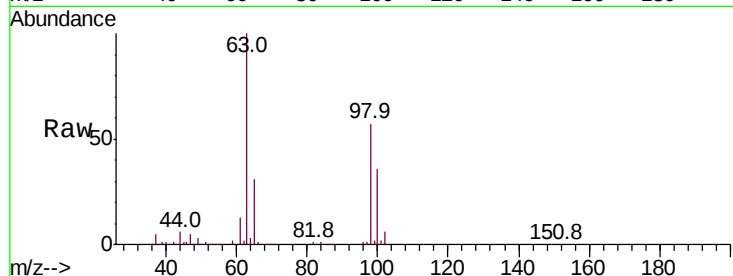
Tot Ion:101 Resp: 886

Ion Ratio Lower Upper

101 100

85 12.9 35.4 53.2#

151 15.3 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13

600

400

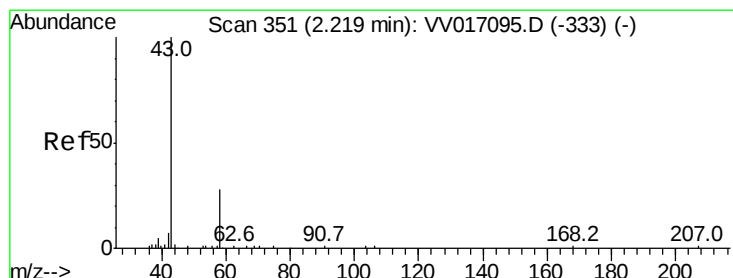
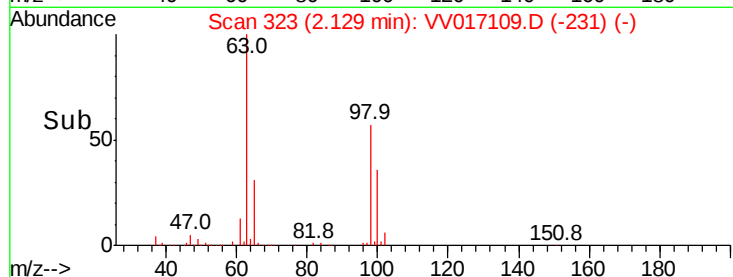
200

0

2.10

2.15

Time-->



#13

Acetone

Concen: 1.302 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV017109.D

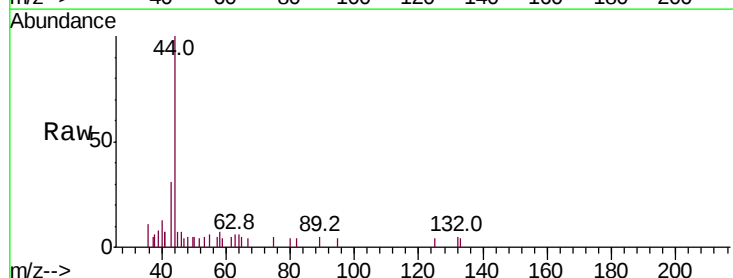
Acq: 25 Jun 2020 07:05

Tgt Ion: 43 Resp: 1812

Ion Ratio Lower Upper

43 100

58 3.2 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

800

600

400

200

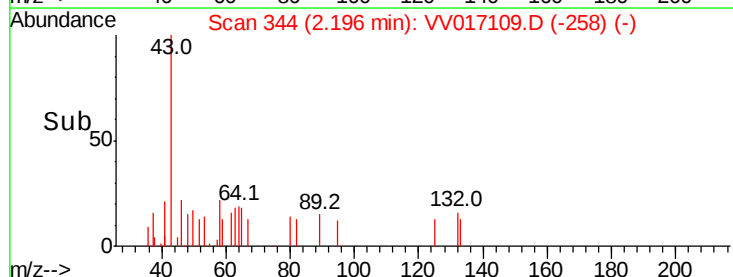
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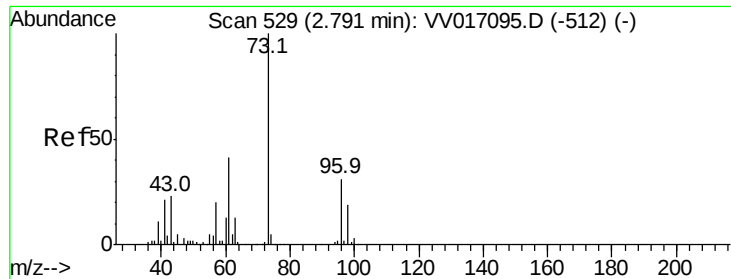
2.15

2.20

2.25

Time-->

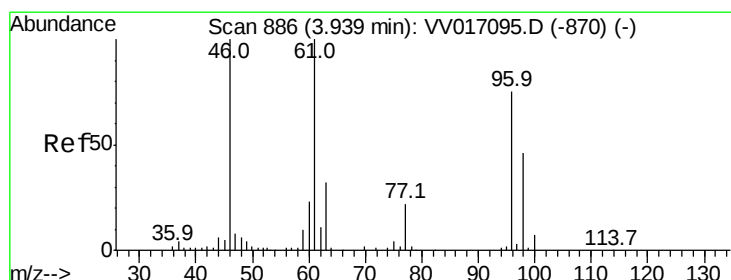
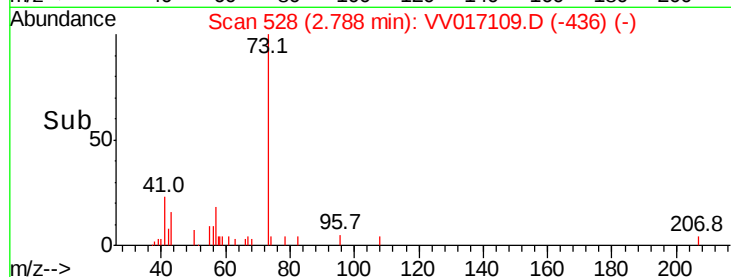
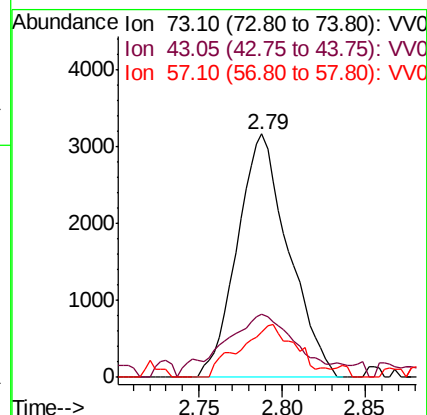
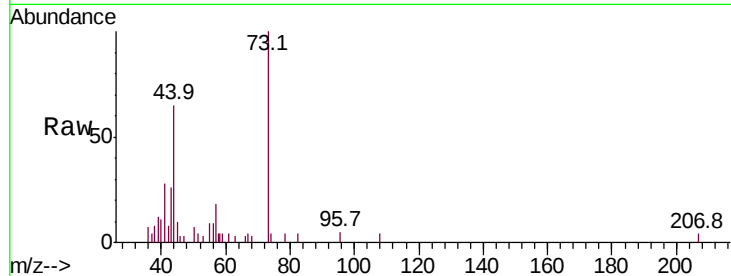




#17
Methvl tert-butvl Ether
Concen: 0.312 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

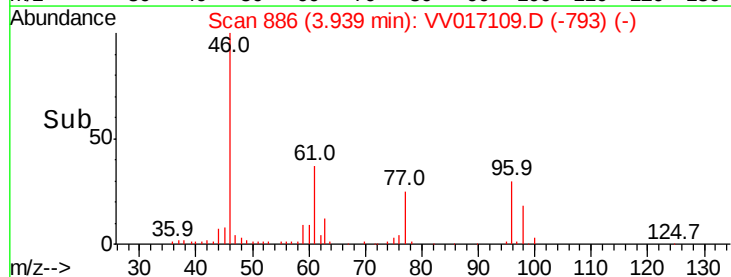
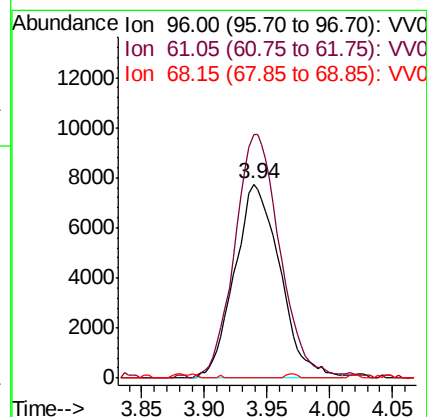
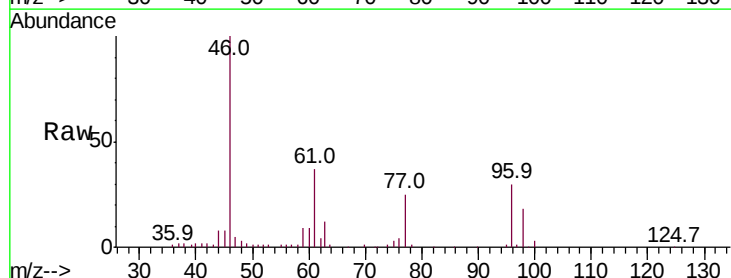
Instrument :
MSVOA_V
ClientSampled :
F9L62

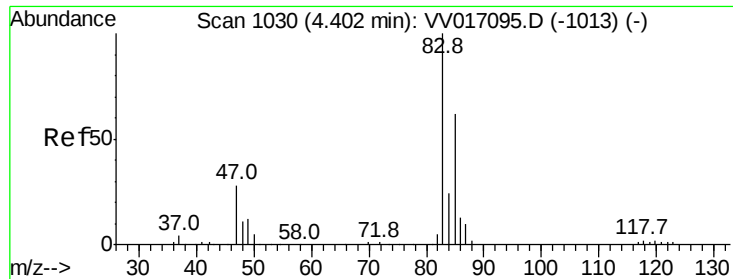
Tot Ion: 73 Resp: 6772
Ion Ratio Lower Upper
73 100
43 36.3 18.6 28.0#
57 23.3 16.4 24.6



#22
cis-1,2-Dichloroethene
Concen: 1.556 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 96 Resp: 19472
Ion Ratio Lower Upper
96 100
61 125.5 91.0 169.0
68 0.0 0.0 0.0

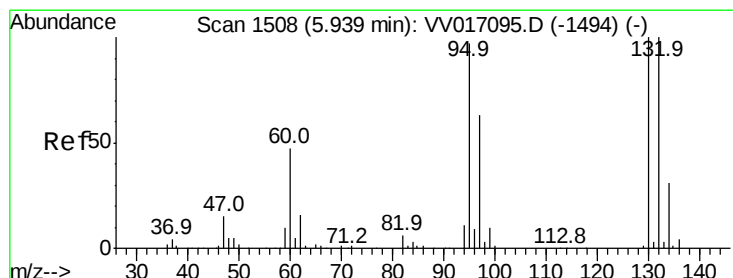
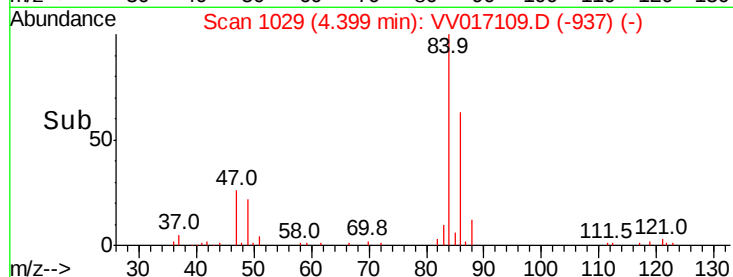
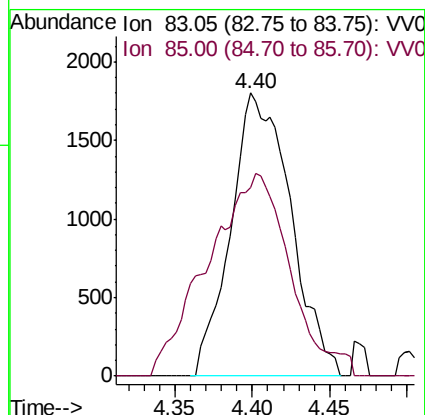
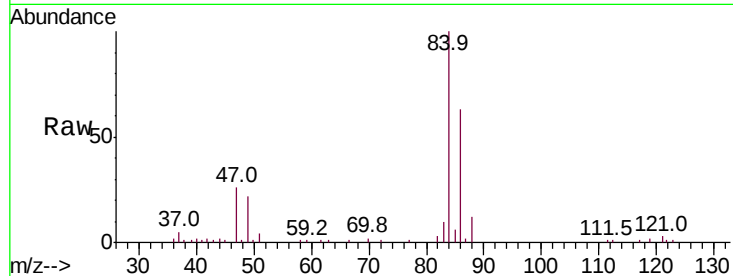




#25
Chloroform
Concen: 0.215 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

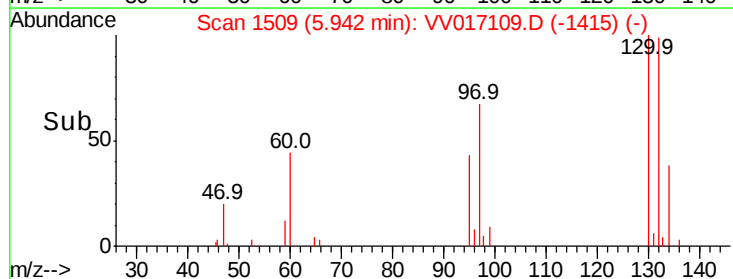
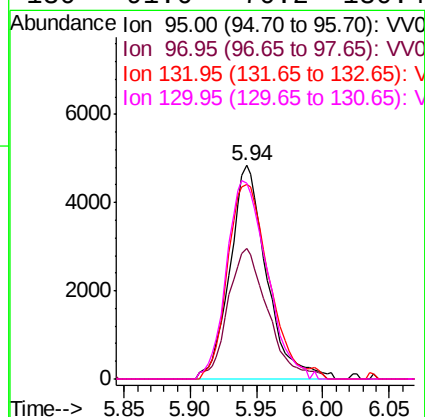
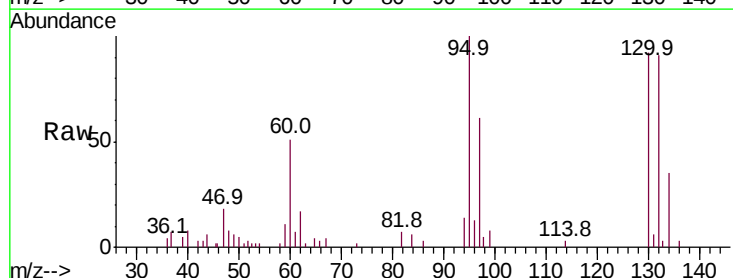
Instrument :
MSVOA_V
ClientSampled :
F9L62

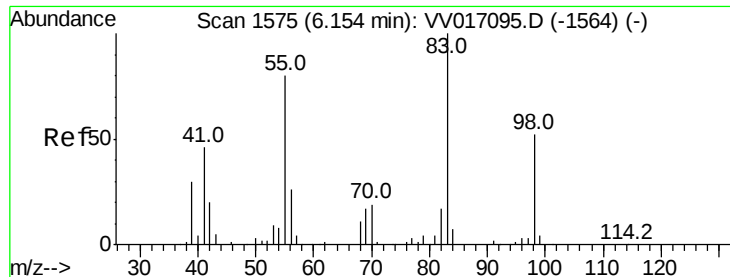
Tot Ion: 83 Resp: 4833
Ion Ratio Lower Upper
83 100
85 66.4 44.2 82.2



#34
Trichloroethene
Concen: 0.694 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 95 Resp: 9313
Ion Ratio Lower Upper
95 100
97 61.2 45.3 84.1
132 91.0 68.8 127.8
130 91.6 70.2 130.4

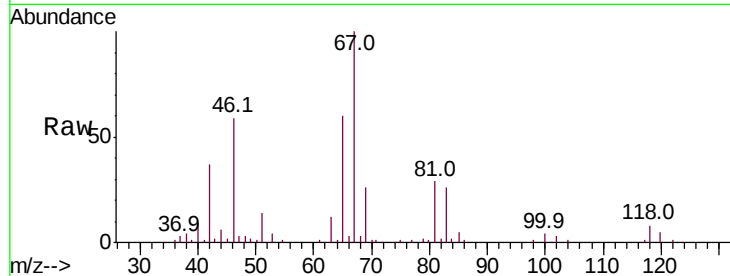




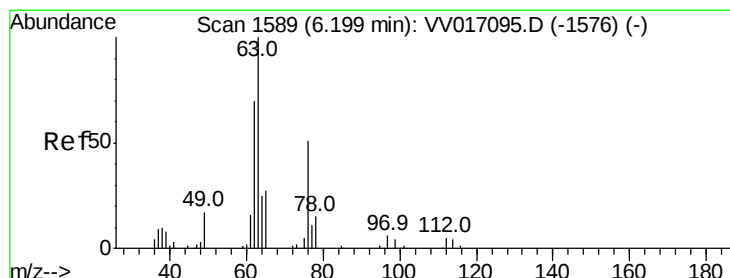
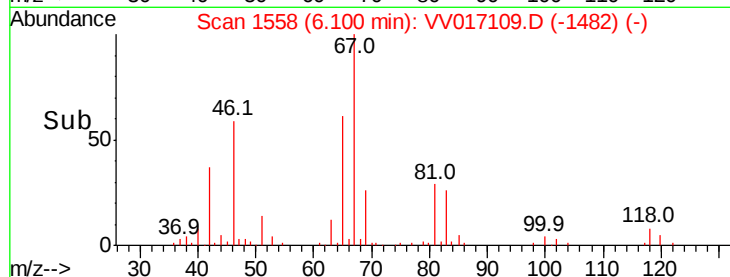
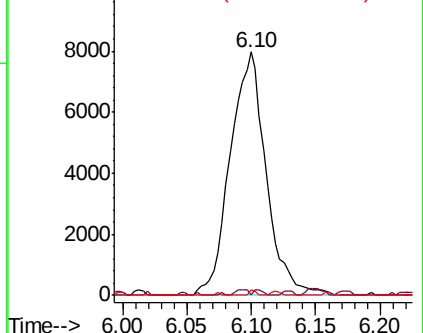
#35
Methvlcvclohexane
Concen: 0.740 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Instrument :
MSVOA_V
ClientSampled :
F9L62

Tot Ion: 83 Resp: 15436
Ion Ratio Lower Upper
83 100
55 0.6 63.6 95.4#
98 0.4 38.8 58.2#

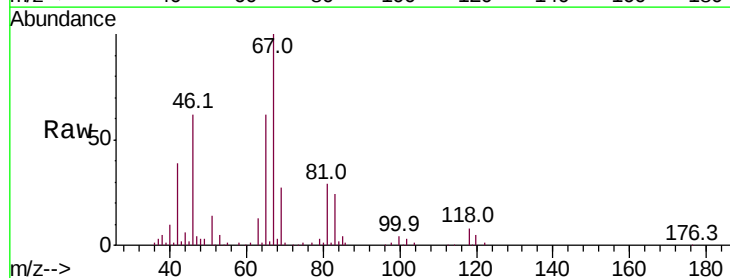


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

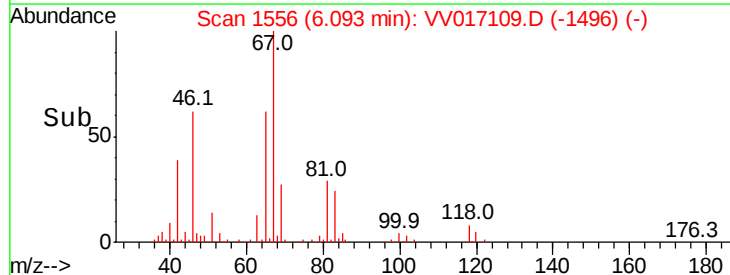
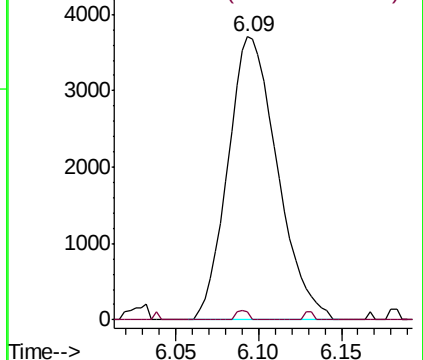


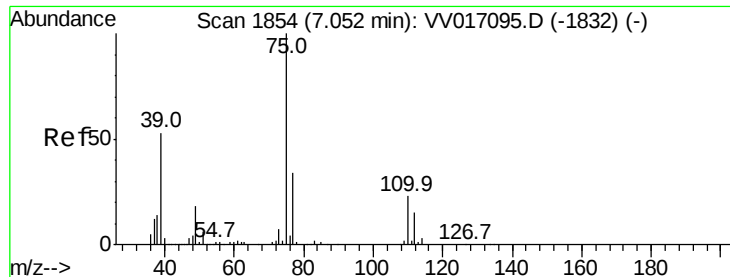
#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 63 Resp: 7680
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



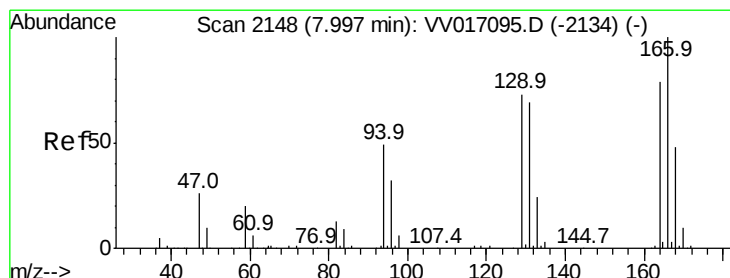
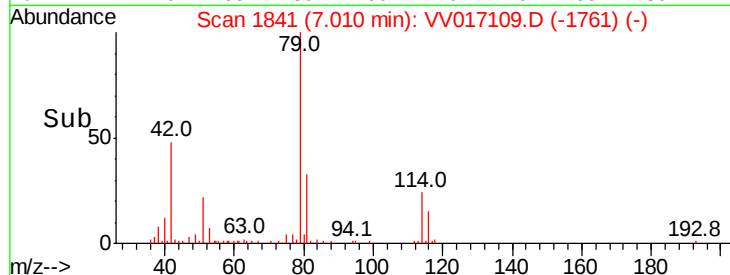
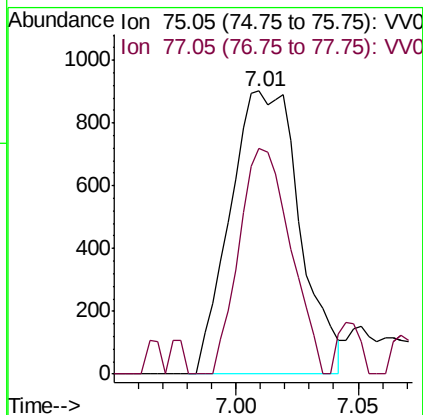
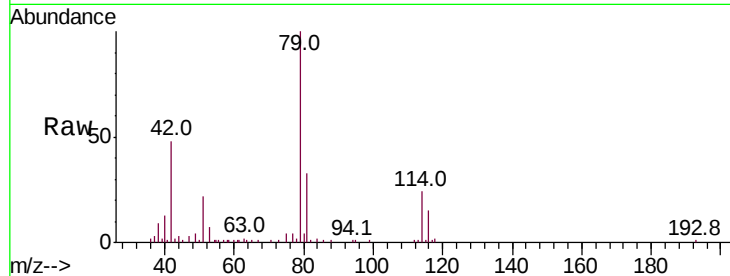


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

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MSVOA_V
ClientSampleId :
F9L62

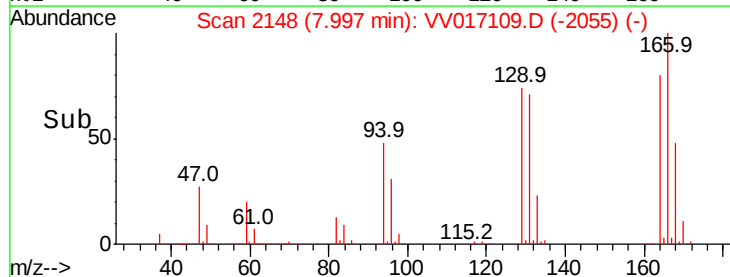
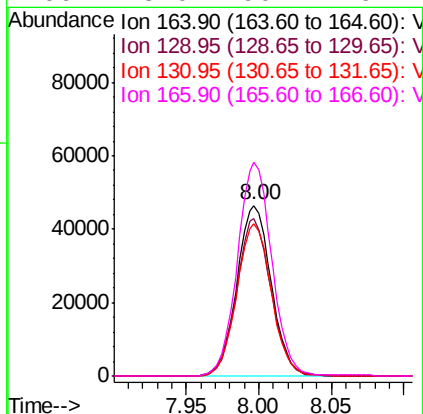
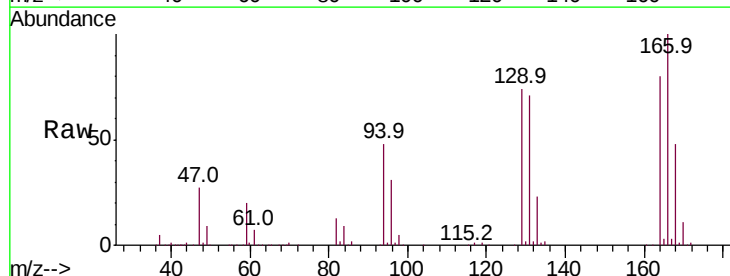
Tot Ion: 75 Resp: 1793
Ion Ratio Lower Upper
75 100
77 79.8 22.3 41.5#

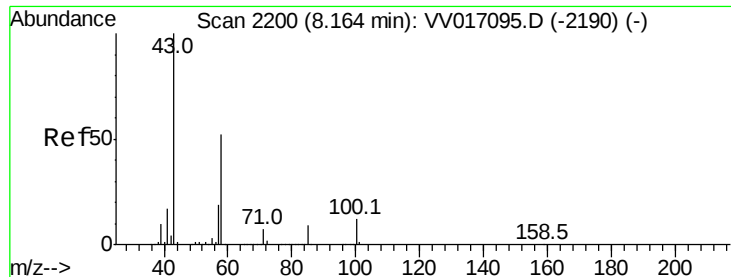


#49

Tetrachloroethene
Concen: 7.069 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 164 Resp: 76316
Ion Ratio Lower Upper
164 100
129 92.4 65.2 121.0
131 88.9 64.1 119.1
166 125.0 90.2 167.4

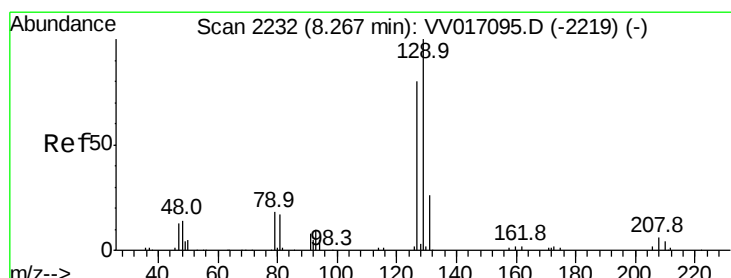
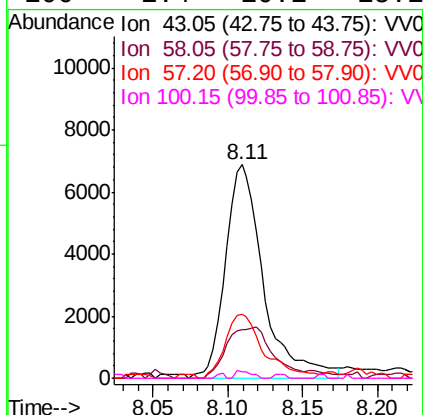
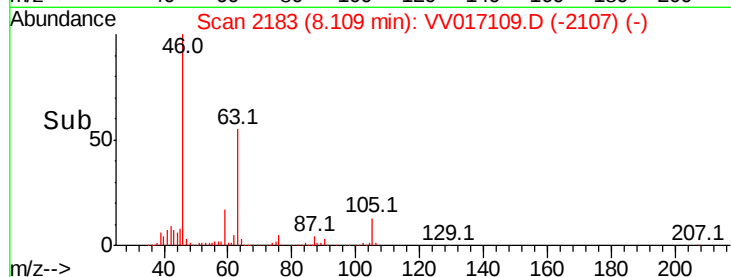
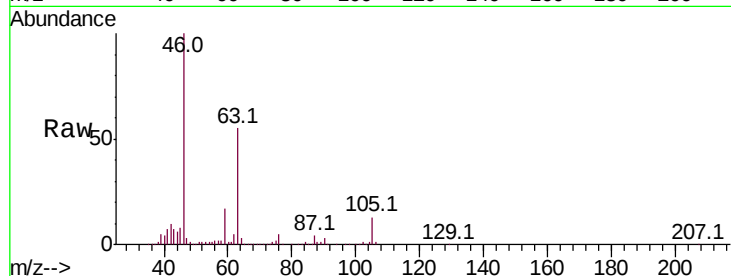




#50
2-Hexanone
Concen: 2.618 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

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MSVOA_V
ClientSampleId :
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Tot Ion: 43 Resp: 12197
Ion Ratio Lower Upper
43 100
58 28.9 41.6 62.4#
57 30.7 15.4 23.0#
100 1.4 10.1 15.1#



#51
Dibromochloromethane
Concen: 7.001 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 129 Resp: 68249
Ion Ratio Lower Upper
129 100
127 0.3 54.1 100.5#

