

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016909.D
 Acq On : 13 Jun 2020 04:05
 Operator : SY/MD
 Sample : L2990-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG7

Quant Time: Jun 13 06:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	337897	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94869	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.56	69	71160	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	2.12	63	137668	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	3.89	46	163248	92.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.51%
24) Chloroform-d	4.62	84	214	0.04	ug/L	0.24
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.05	65	156819	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.07	84	407280	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
36) 1,2-Dichloropropane-d6	6.09	67	127641	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	379510	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.64	79	62119	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.04%
47) 2-Hexanone-d5	8.11	63	112066	88.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173878	45.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	168798	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

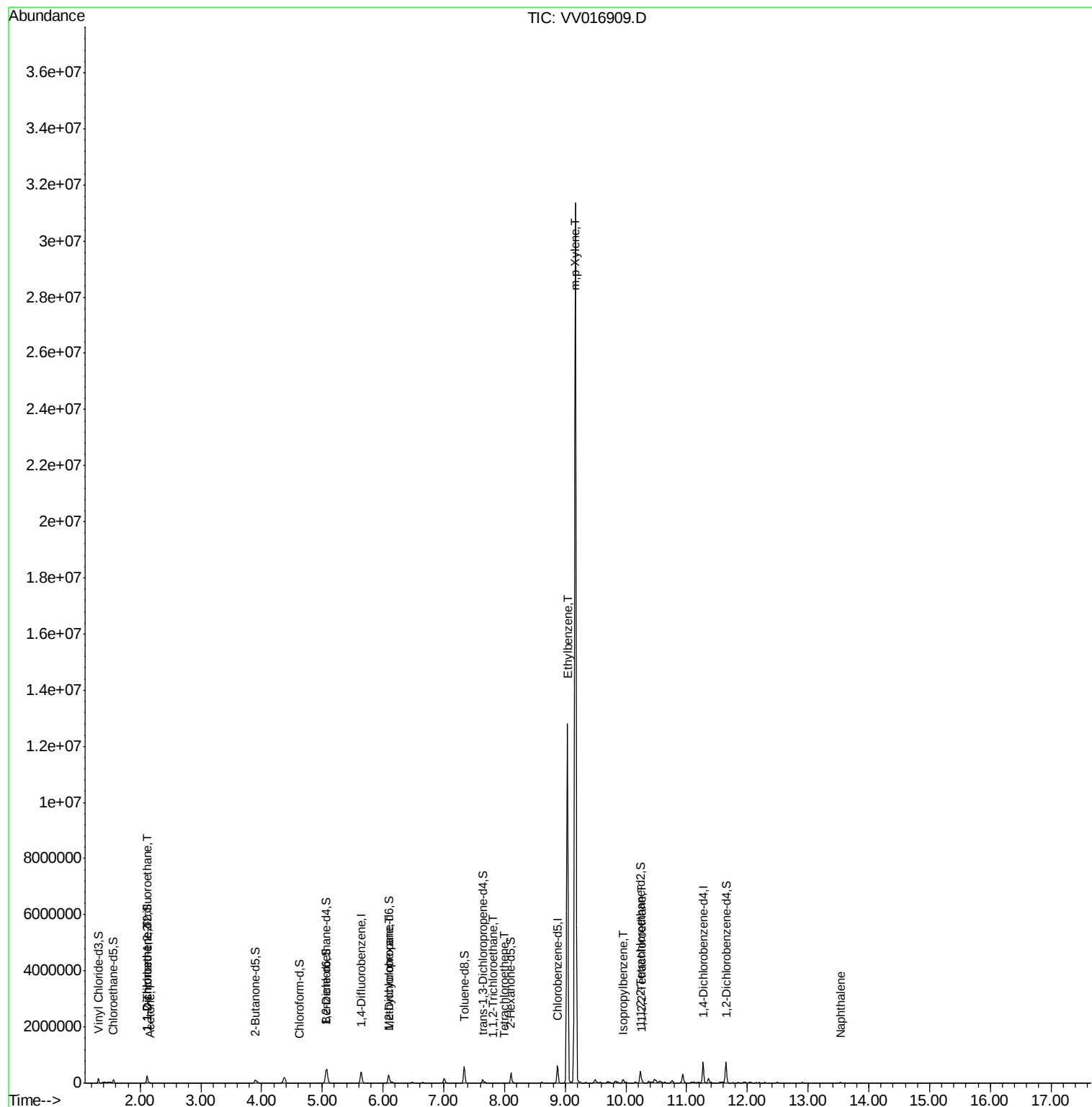
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1243	0.692	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1446	0.862	ug/L #	1
13) Acetone	2.17	43	2382	2.049	ug/L	80
35) Methylcyclohexane	6.09	83	32773	8.136	ug/L #	17
45) 1,1,2-Trichloroethane	7.81	97	2447	1.019	ug/L #	23
46) Tetrachloroethene	8.00	164	1796	0.889	ug/L	87
52) Ethylbenzene	9.04	91	8594975	768.874	ug/L	97
53) m,p-Xylene	9.17	106	8939441	2147.784	ug/L	73
56) Isopropylbenzene	9.95	105	71348	6.469	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	5350	1.453	ug/L #	42
69) Naphthalene	13.53	128	18192	1.672	ug/L #	92

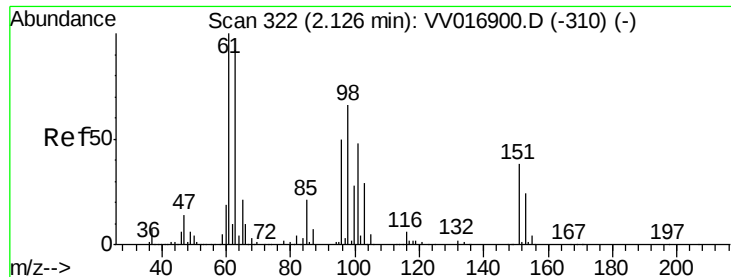
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.692 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

E3YG7

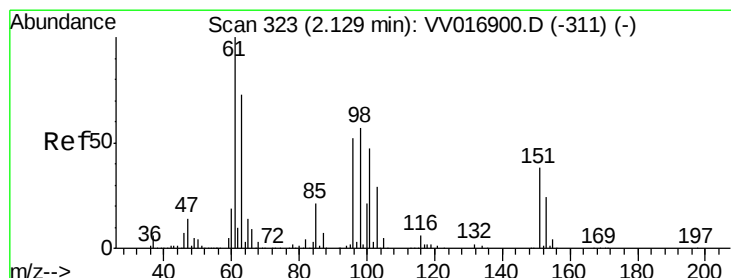
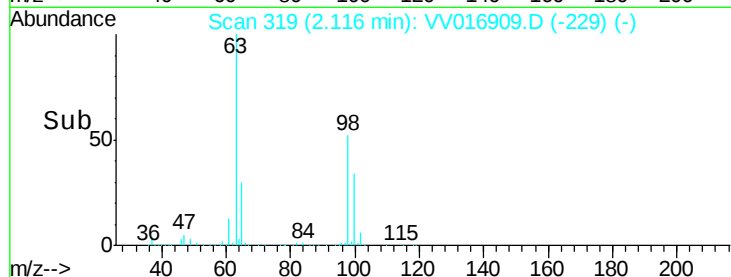
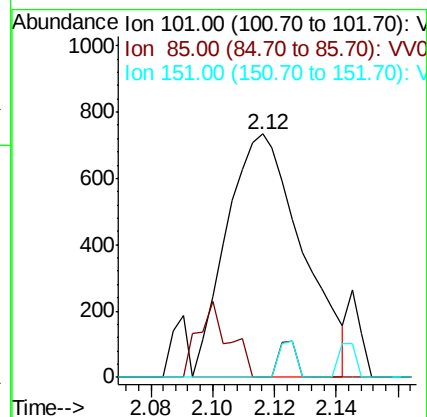
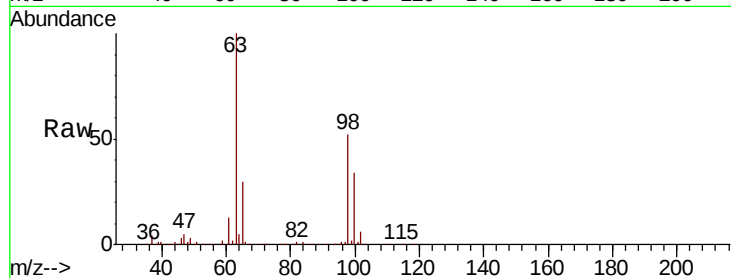
Tot Ion:101 Resp: 1243

Ion Ratio Lower Upper

101 100

85 3.5 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.862 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

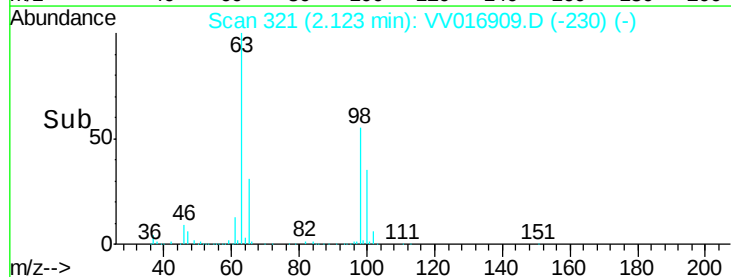
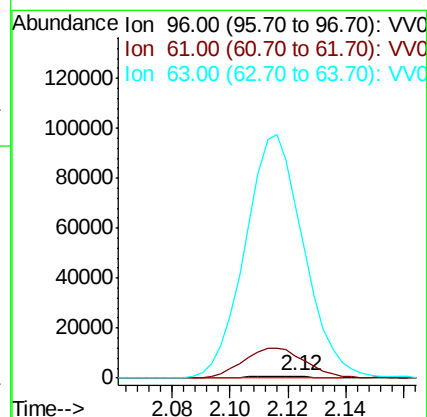
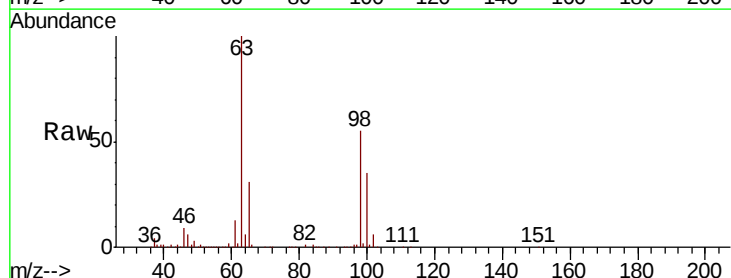
Tgt Ion: 96 Resp: 1446

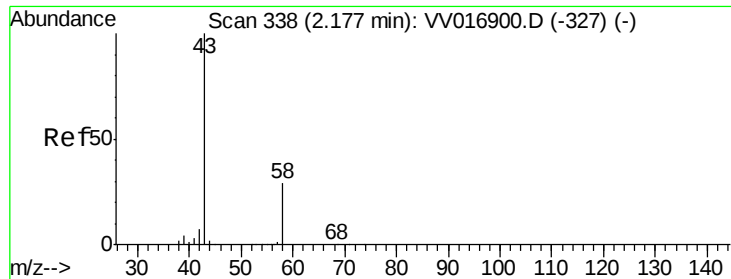
Ion Ratio Lower Upper

96 100

61 1015.2 130.4 242.2#

63 7774.0 103.3 191.9#





#13

Acetone

Concen: 2.049 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

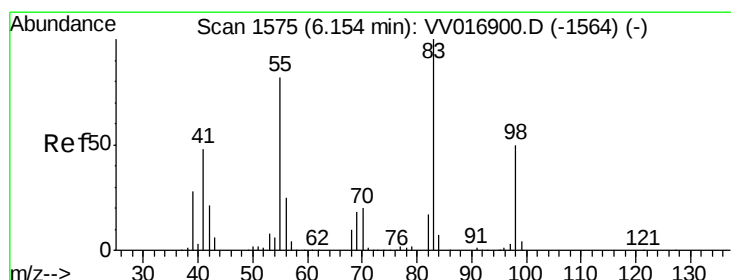
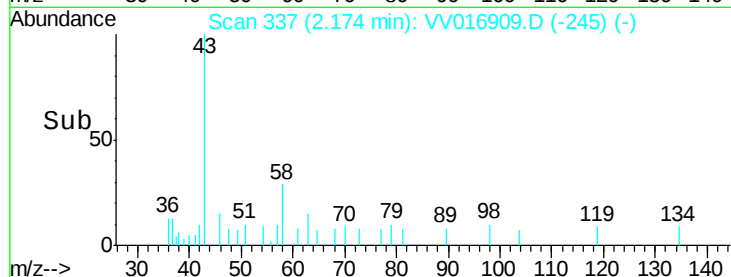
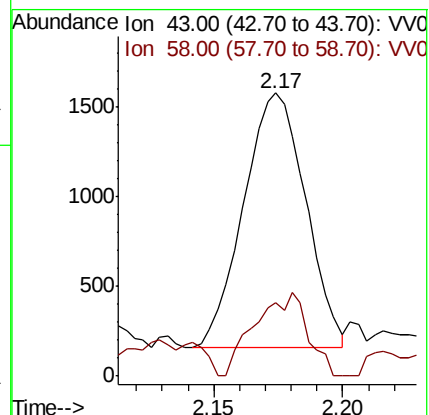
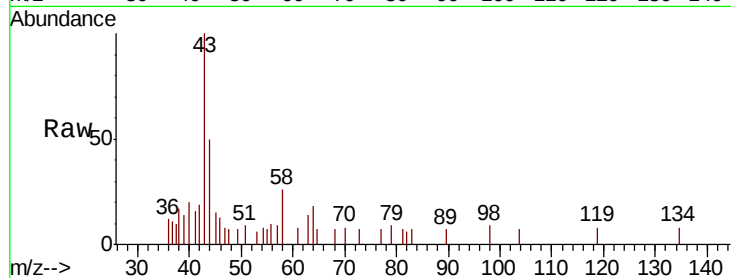
E3YG7

Tot Ion: 43 Resp: 2382

Ion Ratio Lower Upper

43 100

58 17.0 0.0 55.2



#35

Methylcyclohexane

Concen: 8.136 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

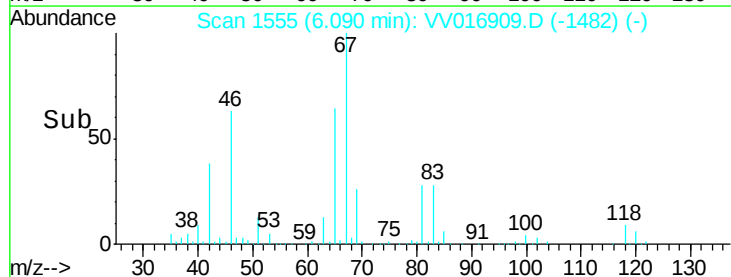
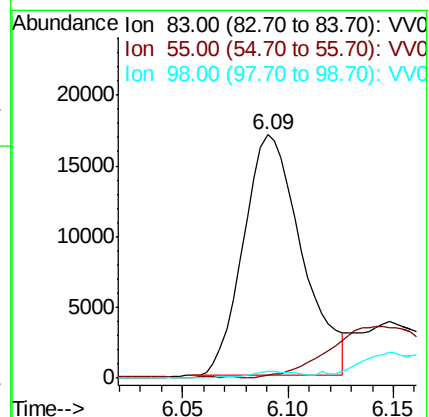
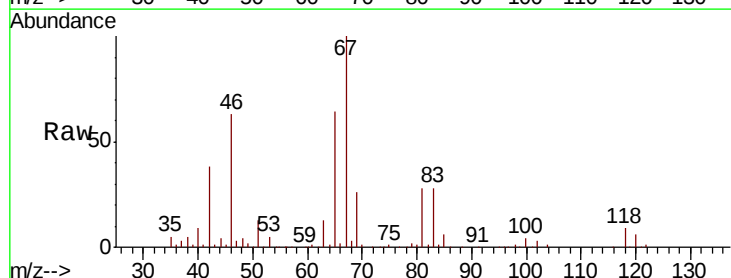
Tgt Ion: 83 Resp: 32773

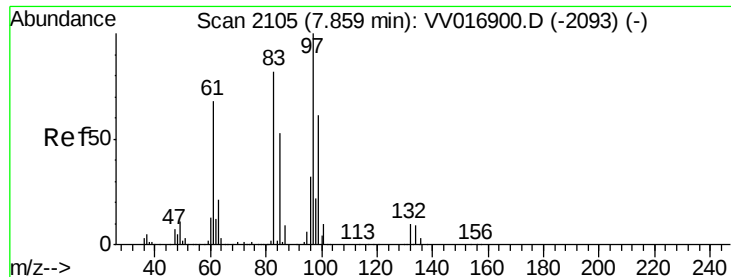
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

98 1.2 40.3 60.5#





#45

1,1,2-Trichloroethane

Concen: 1.019 ug/L

RT: 7.81 min Scan# 2089

Delta R.T. -0.05 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

E3YG7

Tot Ion: 97 Resp: 2447

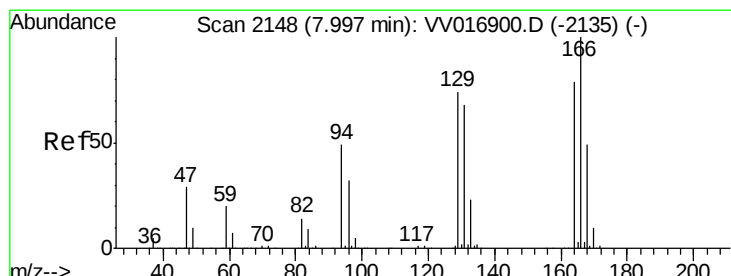
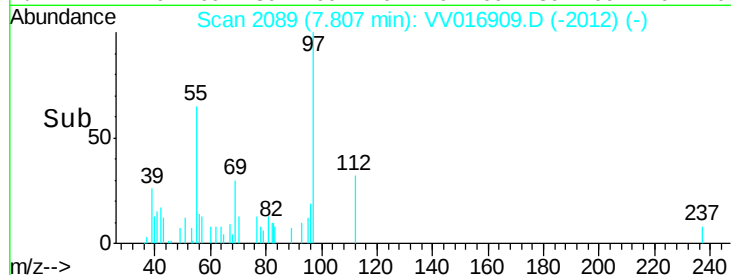
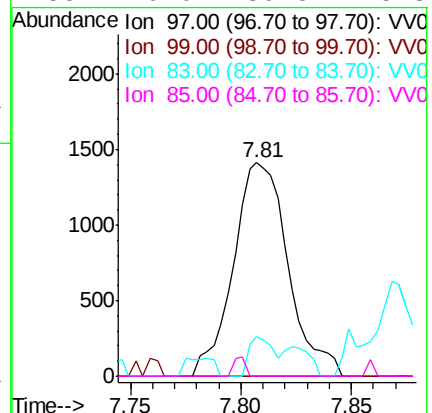
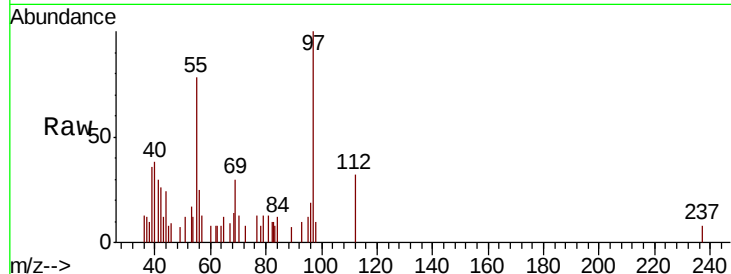
Ion Ratio Lower Upper

97 100

99 0.0 44.3 82.3#

83 18.5 60.0 111.4#

85 0.0 39.5 73.3#



#46

Tetrachloroethene

Concen: 0.889 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Tgt Ion: 164 Resp: 1796

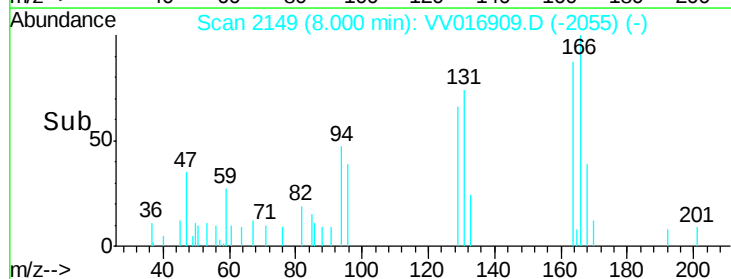
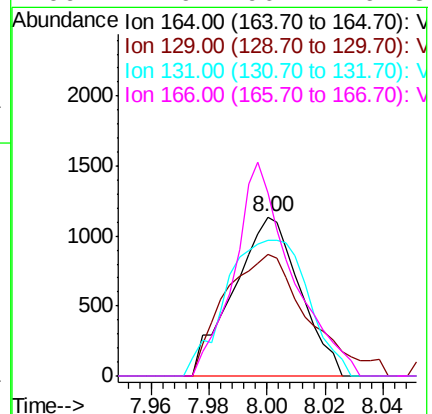
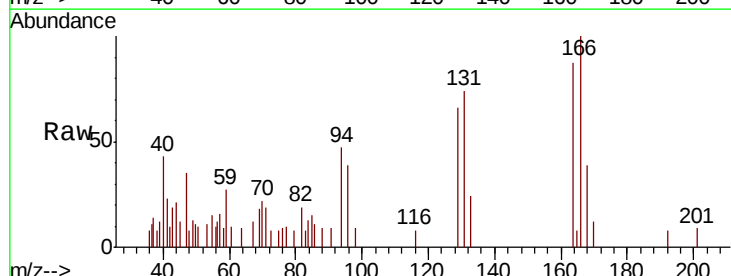
Ion Ratio Lower Upper

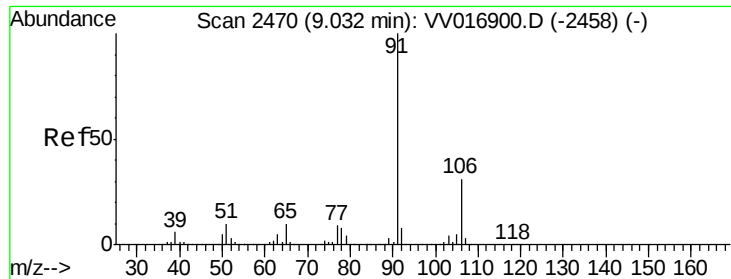
164 100

129 76.2 67.0 124.4

131 85.1 64.8 120.3

166 114.9 90.4 167.8





#52

Ethylbenzene

Concen: 768.874 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

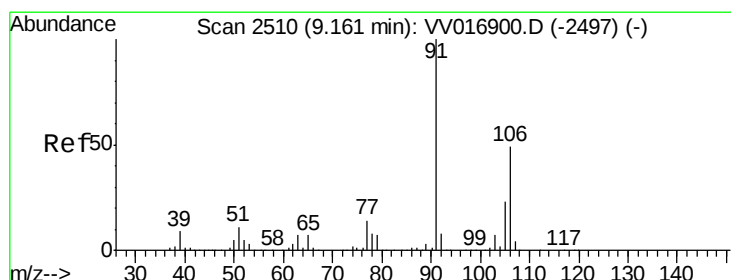
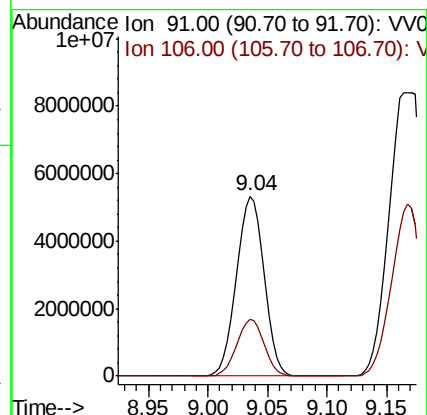
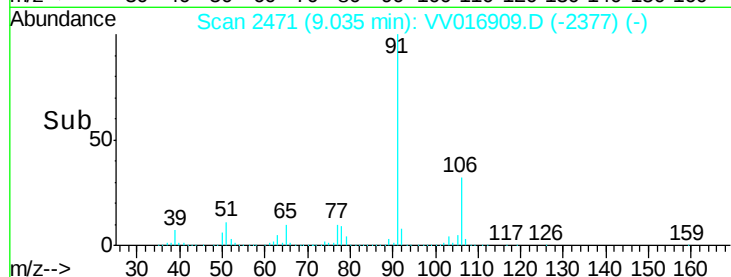
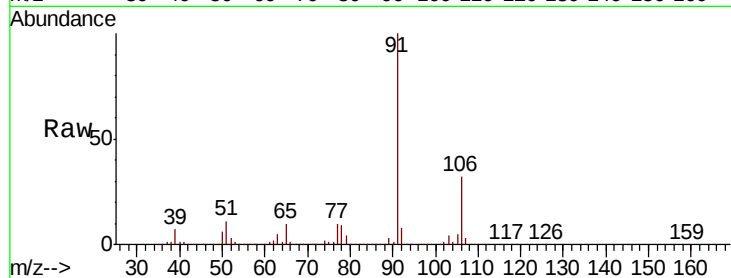
E3YG7

Tot Ion: 91 Resp: 8594975

Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.1



#53

m,p-Xylene

Concen: 2147.784 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016909.D

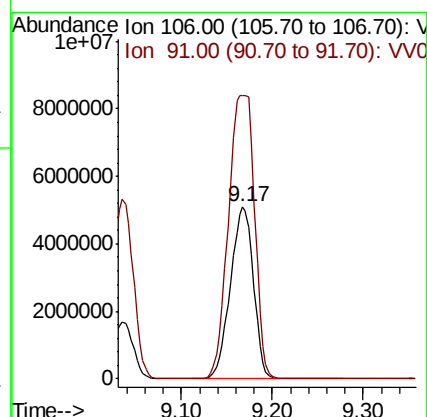
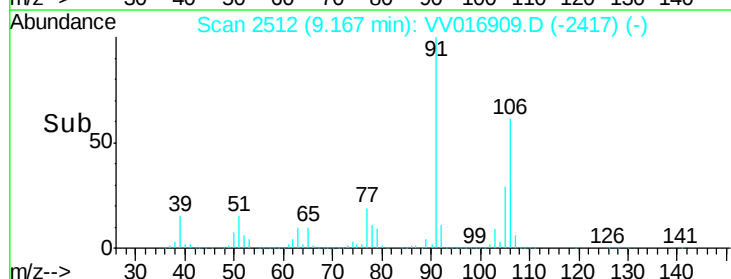
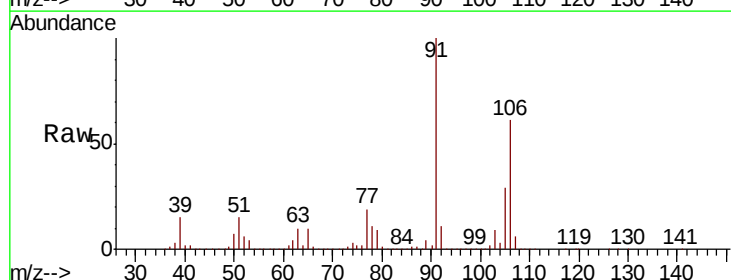
Acq: 13 Jun 2020 04:05

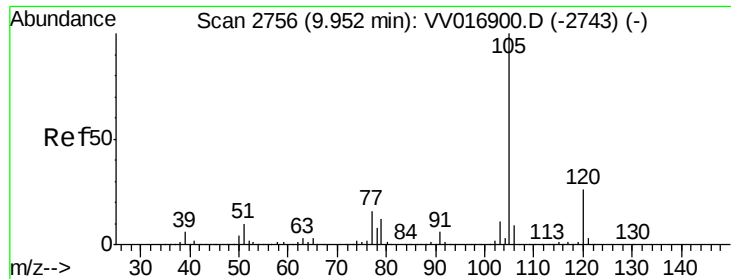
Tgt Ion: 106 Resp: 8939441

Ion Ratio Lower Upper

106 100

91 164.5 144.6 268.6





#56

Isopropylbenzene

Concen: 6.469 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampled :

E3YG7

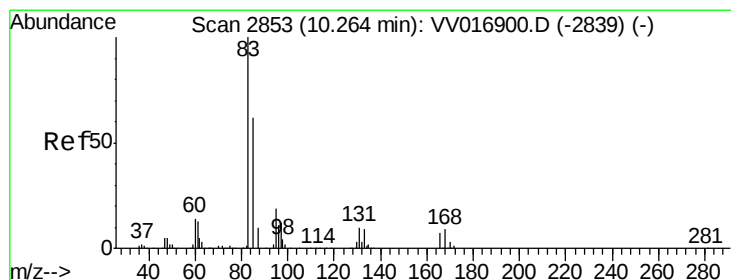
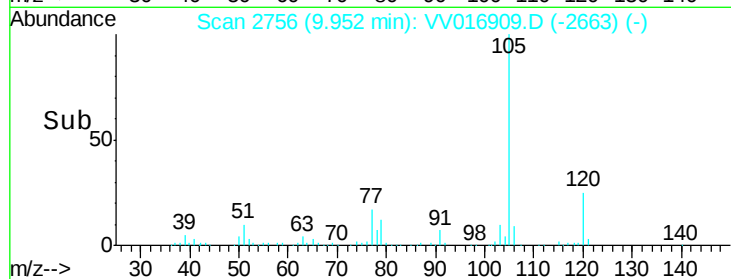
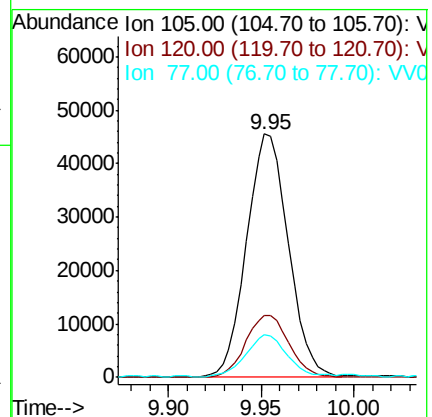
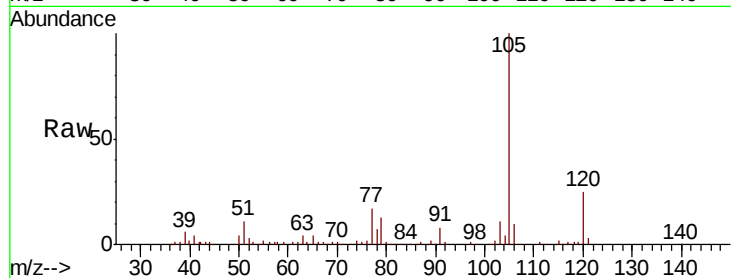
Tot Ion:105 Resp: 71348

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 17.4 13.0 19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 1.453 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

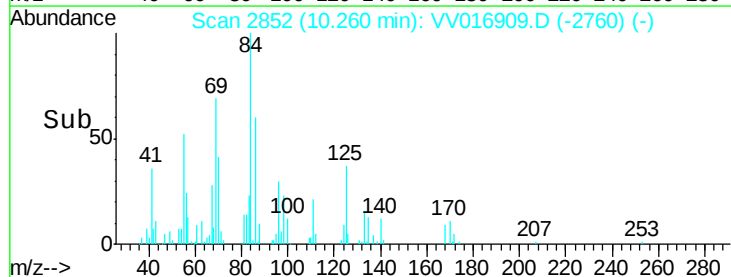
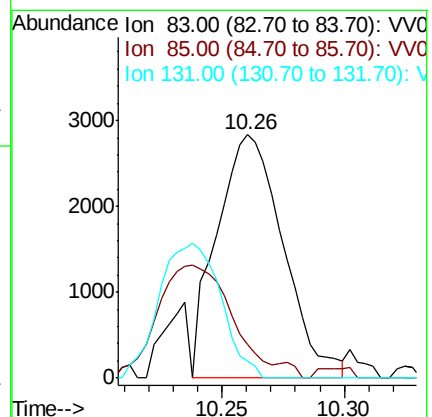
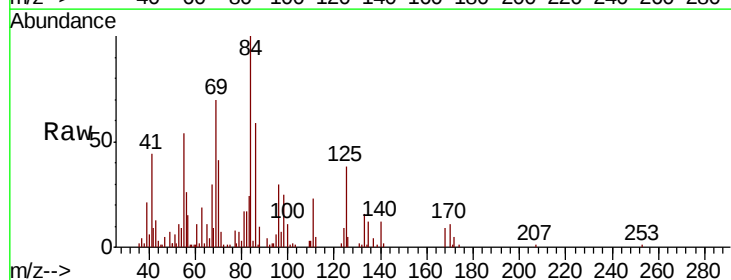
Tgt Ion: 83 Resp: 5350

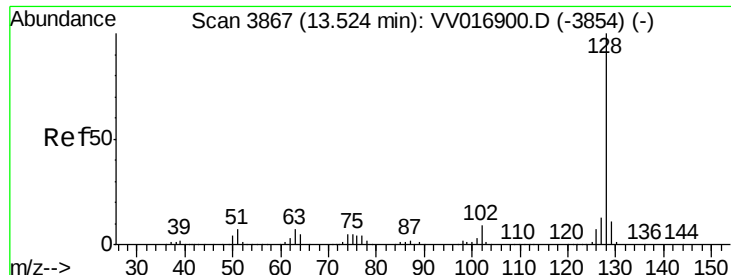
Ion Ratio Lower Upper

83 100

85 13.7 46.8 86.8#

131 11.4 7.9 11.9





#69

Naphthalene

Concen: 1.672 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

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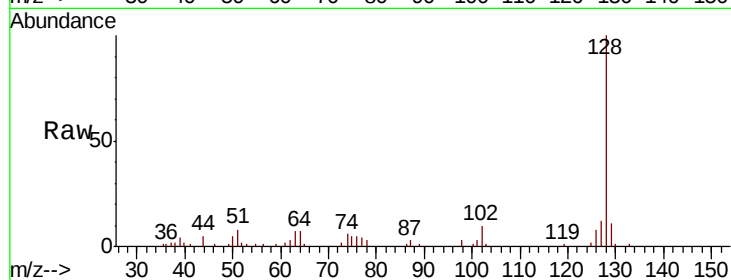
Tot Ion:128 Resp: 18192

Ion Ratio Lower Upper

128 100

127 8.7 10.5 15.7#

129 12.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

