

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017103.D
 Acq On : 25 Jun 2020 04:41
 Operator : SY/MD
 Sample : L3102-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L56

Quant Time: Jun 25 05:29:59 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	175672	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167889	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36601	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.58	69	31110	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.13	63	59991	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.94	46	119133	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	4.38	84	98938	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	54540	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.08	84	183862	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.09	67	56791	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.34	98	166563	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	7.65	79	21245	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	83678	40.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40831	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	68208	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	19339	1.678	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	767	0.082	ug/L # 20
12) 1,1-Dichloroethene	2.13	96	744	0.088	ug/L # 1
13) Acetone	2.22	43	15053	11.082	ug/L 75
14) Carbon disulfide	2.32	76	3571	0.141	ug/L # 84
15) Methyl Acetate	2.22	43	13577	4.088	ug/L # 52
30) Cyclohexane	4.70	56	3381	0.177	ug/L # 48
35) Methylcyclohexane	6.10	83	14485	0.724	ug/L # 18
39) cis-1,3-Dichloropropene	7.01	75	2306	0.143	ug/L 83
42) Toluene	7.41	91	6193	0.121	ug/L 99
46) trans-1,3-Dichloropropene	7.65	75	1182	0.085	ug/L 95
50) 2-Hexanone	8.11	43	11698	2.616	ug/L # 74
54) Ethylbenzene	9.04	91	6572	0.120	ug/L 100
55) m,p-xylene	9.16	106	10703	0.500	ug/L 87
56) o-xylene	9.57	106	7478	0.374	ug/L 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017103.D
Acq On : 25 Jun 2020 04:41
Operator : SY/MD
Sample : L3102-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9L56

Quant Time: Jun 25 05:29:59 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

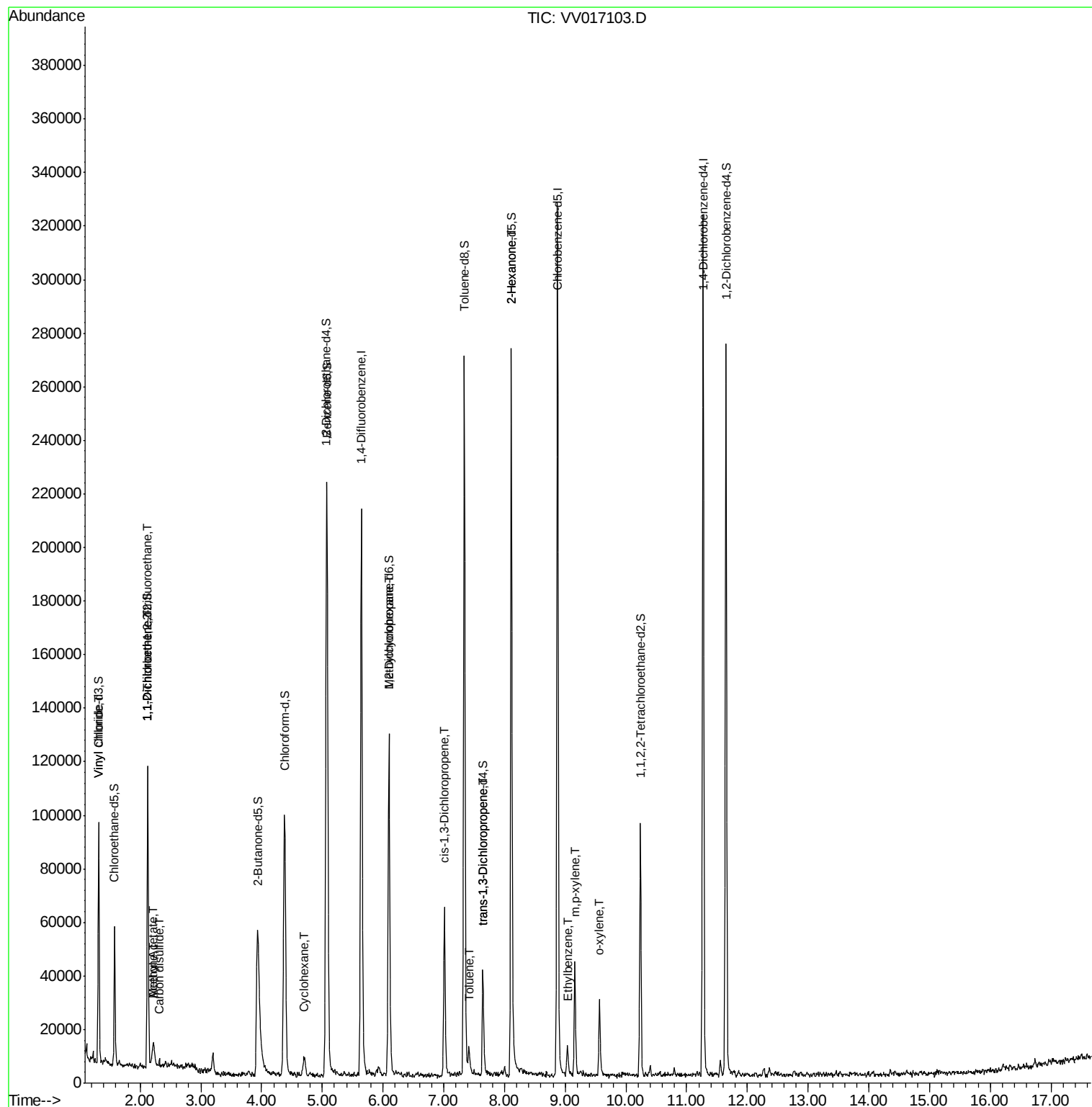
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

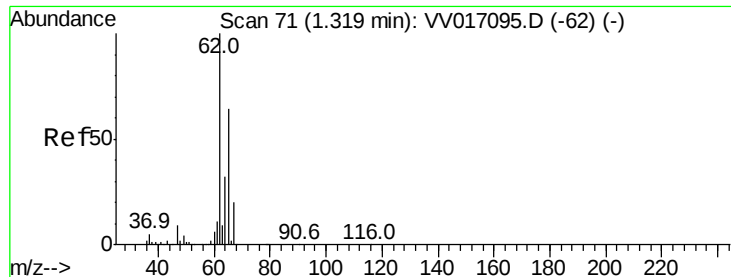
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017103.D
Acq On : 25 Jun 2020 04:41
Operator : SY/MD
Sample : L3102-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9L56

Quant Time: Jun 25 05:29:59 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





#5

Vinyl chloride

Concen: 1.678 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

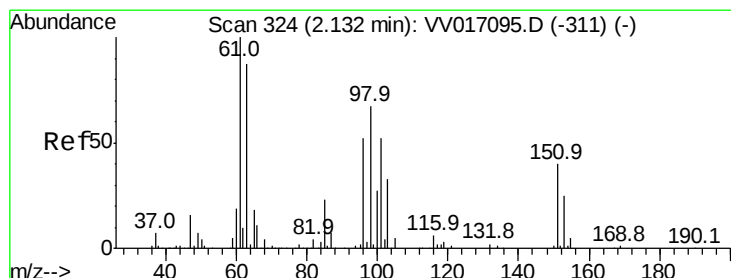
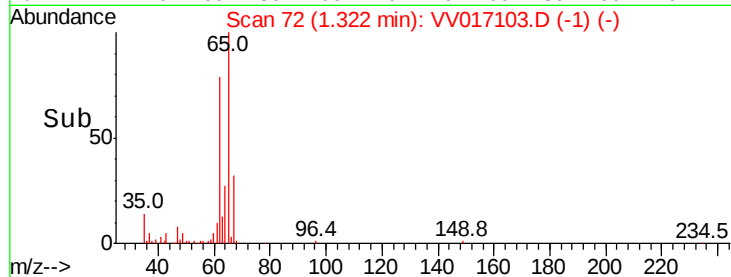
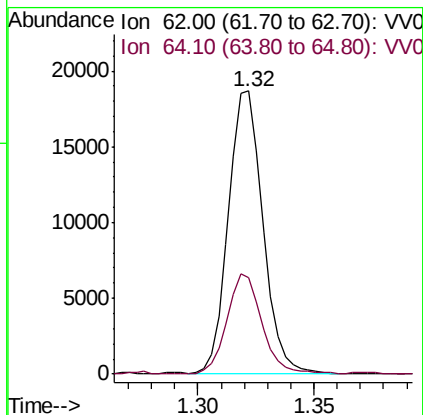
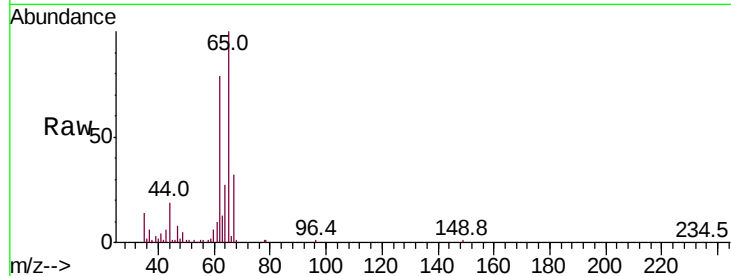
F9L56

Tot Ion: 62 Resp: 19339

Ion Ratio Lower Upper

62 100

64 34.3 22.5 41.7



#10

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

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

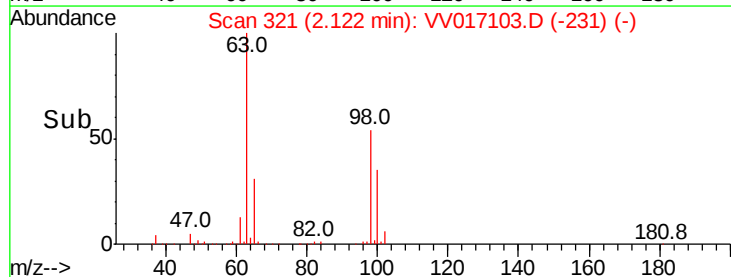
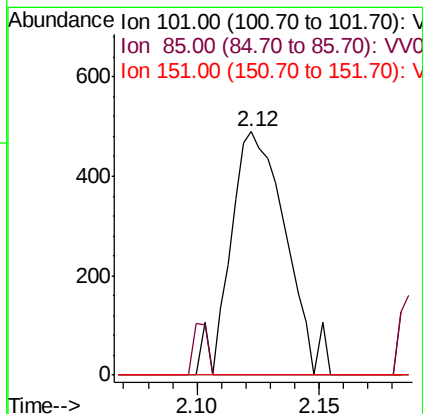
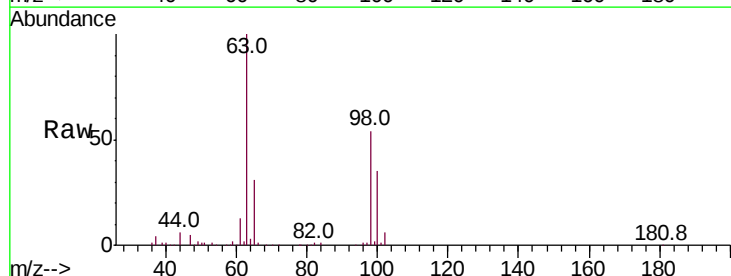
Tgt Ion: 101 Resp: 767

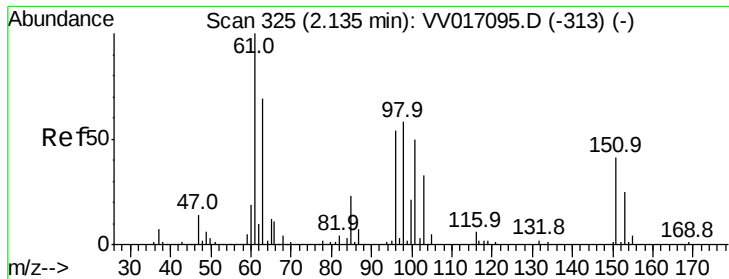
Ion Ratio Lower Upper

101 100

85 5.2 35.4 53.2#

151 0.0 63.9 95.9#

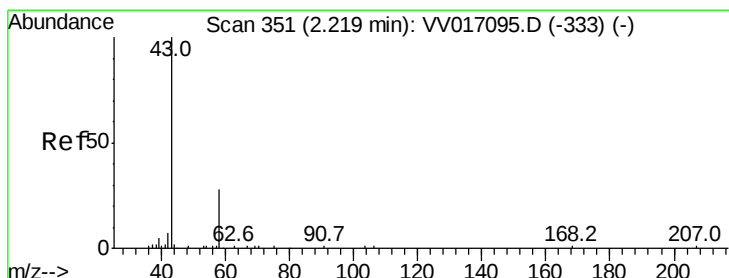
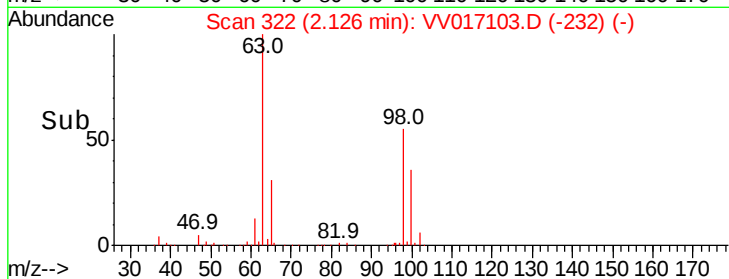
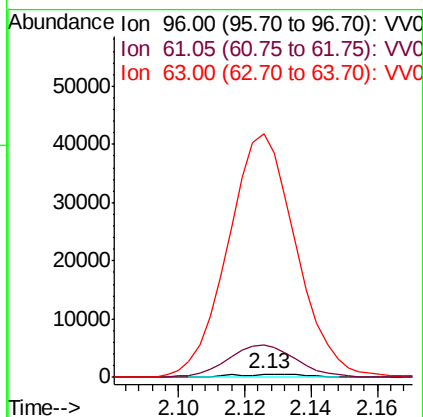
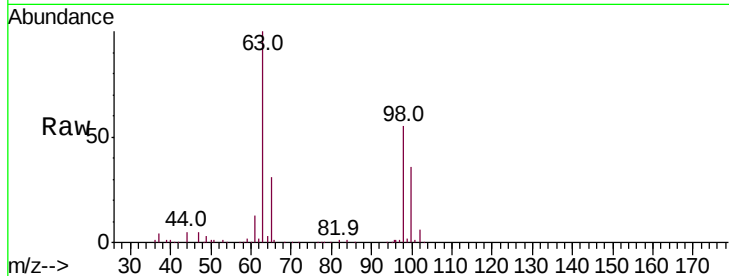




#12
 1,1-Dichloroethene
 Concen: 0.088 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV017103.D
 Acq: 25 Jun 2020 04:41

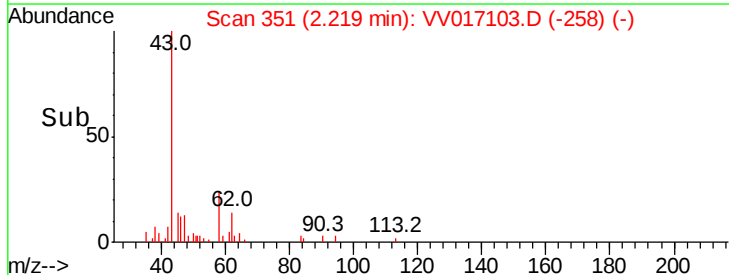
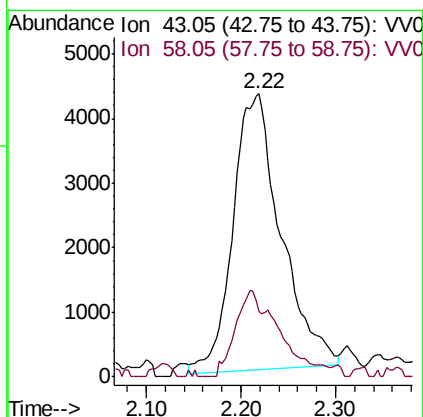
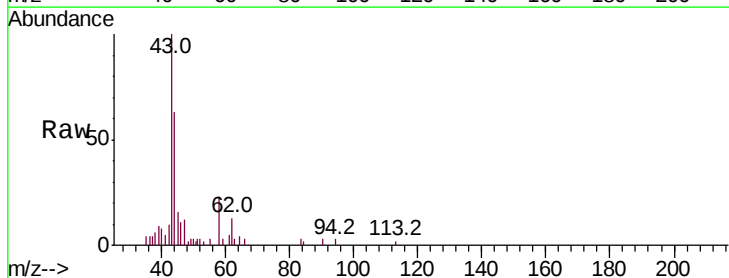
Instrument :
 MSVOA_V
 ClientSampled :
 F9L56

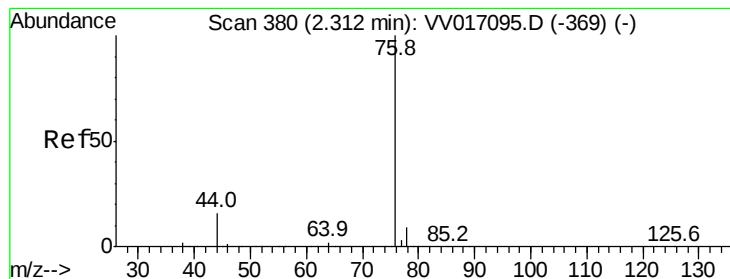
Tot Ion: 96 Resp: 744
 Ion Ratio Lower Upper
 96 100
 61 1063.6 125.0 232.2#
 63 8055.5 109.8 203.8#



#13
 Acetone
 Concen: 11.082 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VV017103.D
 Acq: 25 Jun 2020 04:41

Tgt Ion: 43 Resp: 15053
 Ion Ratio Lower Upper
 43 100
 58 16.0 0.0 58.4





#14

Carbon disulfide

Concen: 0.141 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampled :

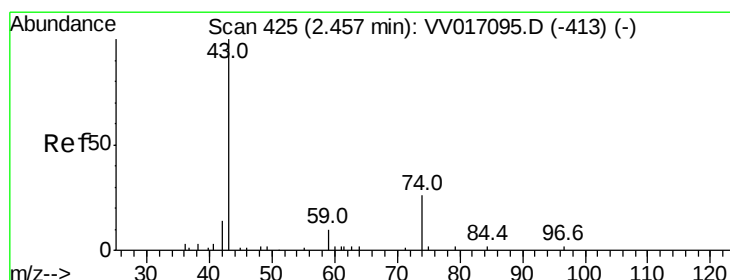
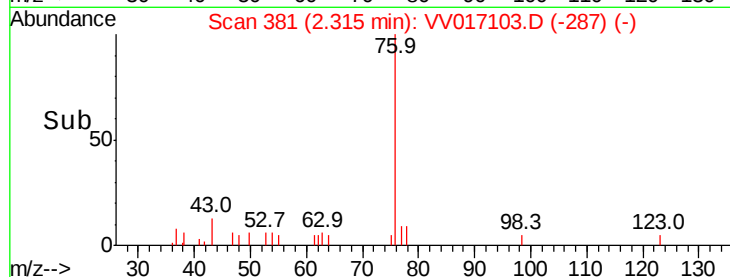
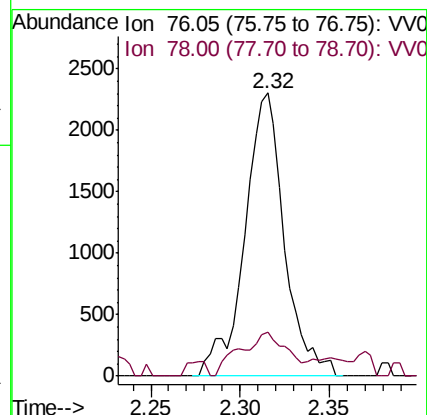
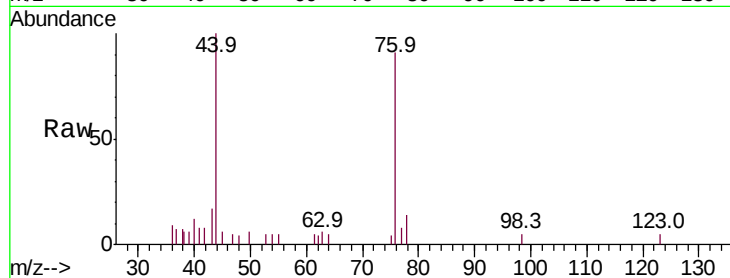
F9L56

Tot Ion: 76 Resp: 3571

Ion Ratio Lower Upper

76 100

78 15.6 7.7 11.5#



#15

Methyl Acetate

Concen: 4.088 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.24 min

Lab File: VV017103.D

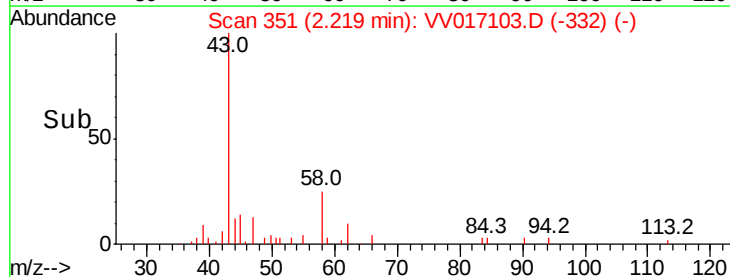
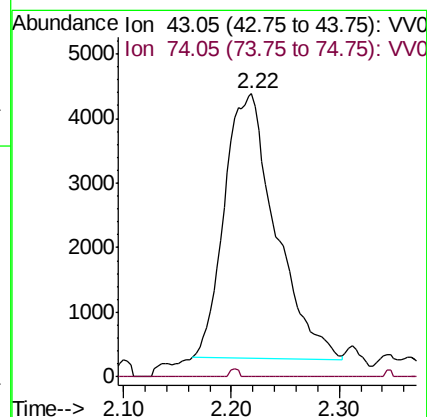
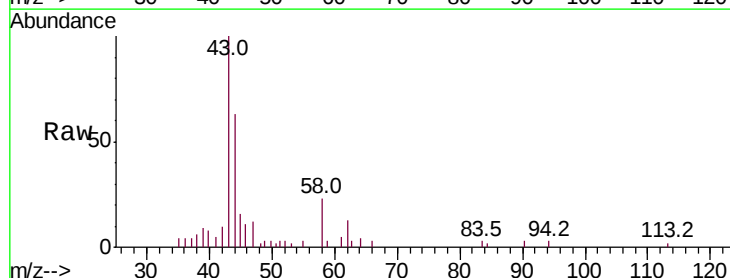
Acq: 25 Jun 2020 04:41

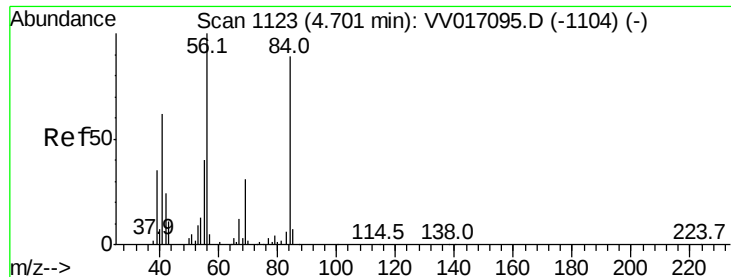
Tgt Ion: 43 Resp: 13577

Ion Ratio Lower Upper

43 100

74 0.5 19.1 28.7#

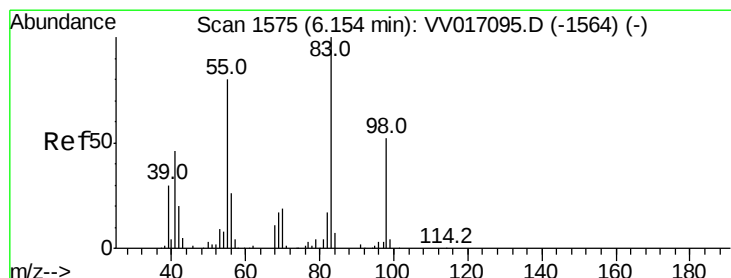
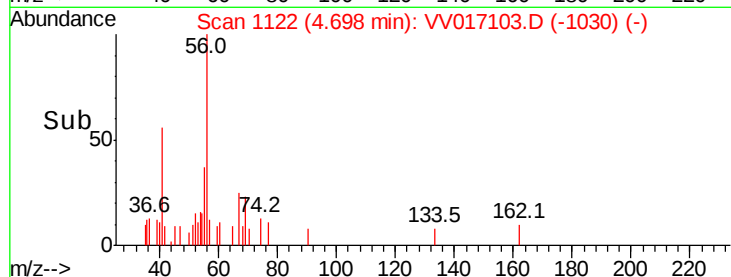
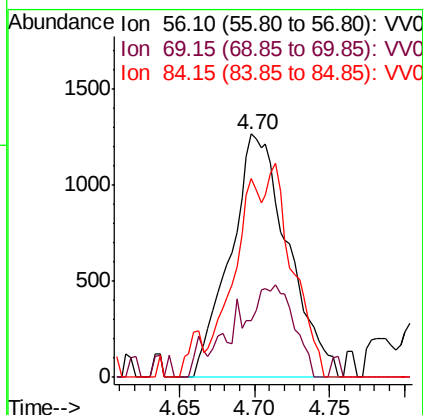
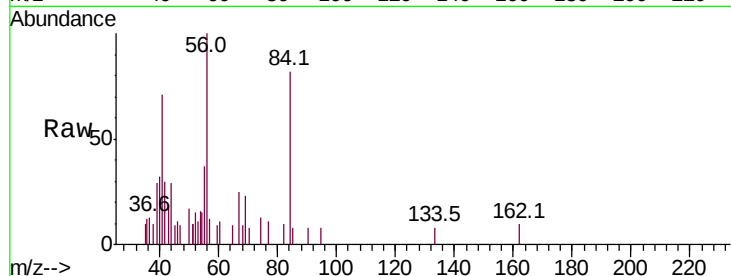




#30
Cyclohexane
Concen: 0.177 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV017103.D
Acq: 25 Jun 2020 04:41

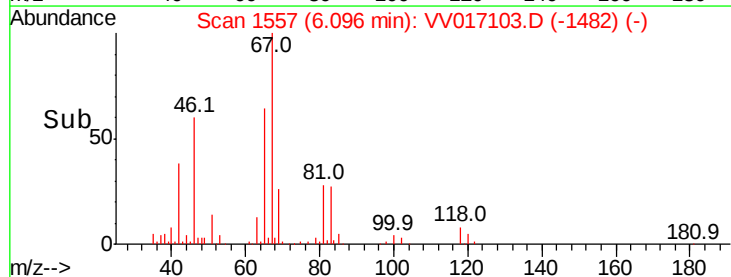
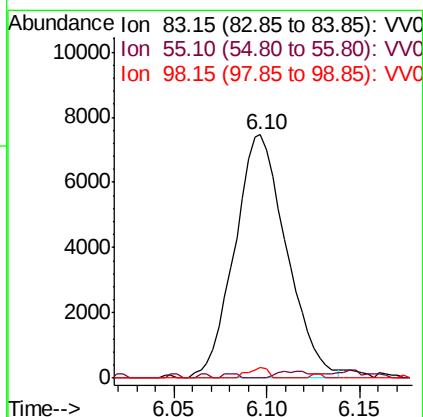
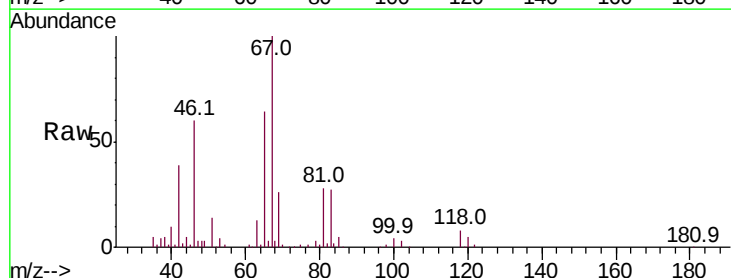
Instrument :
MSVOA_V
ClientSampleId :
F9L56

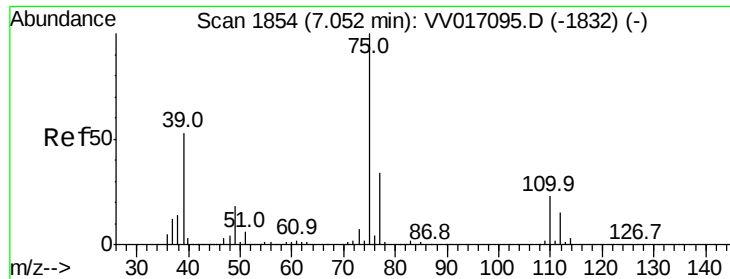
Tot Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 10.9 24.4 36.6#
84 33.7 69.9 104.9#



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017103.D
Acq: 25 Jun 2020 04:41

Tgt Ion: 83 Resp: 14485
Ion Ratio Lower Upper
83 100
55 0.5 63.6 95.4#
98 1.6 38.8 58.2#

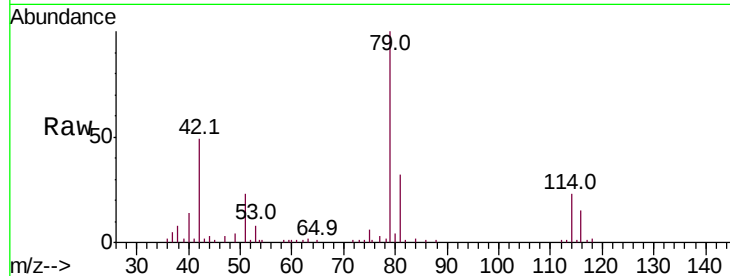




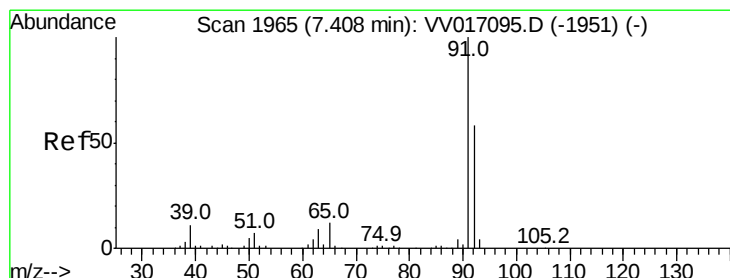
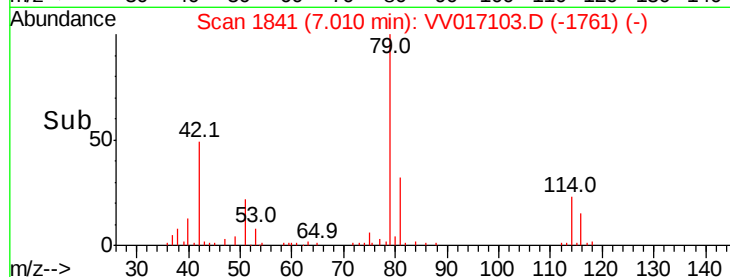
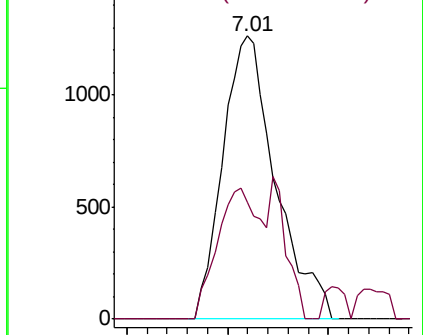
#39
 cis-1,3-Dichloropropene
 Concen: 0.143 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017103.D
 Acq: 25 Jun 2020 04:41

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L56

Tot Ion: 75 Resp: 2306
 Ion Ratio Lower Upper
 75 100
 77 41.4 22.3 41.5

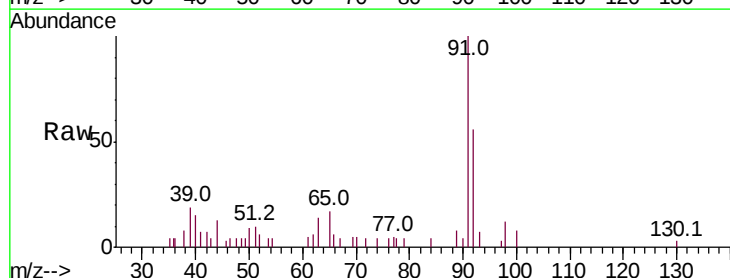


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

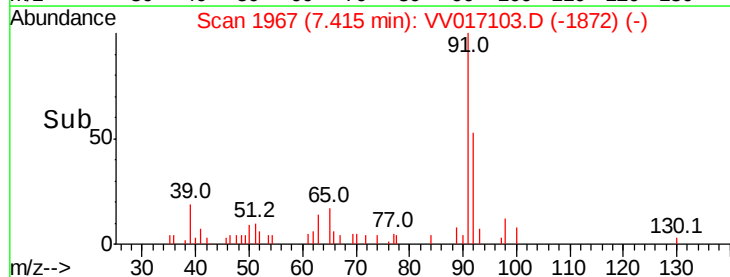
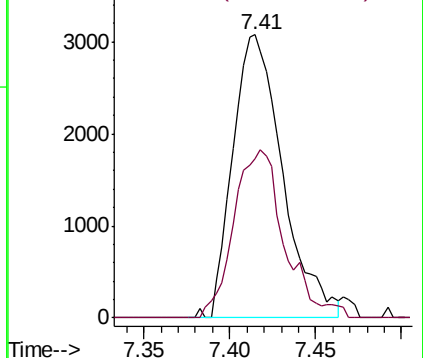


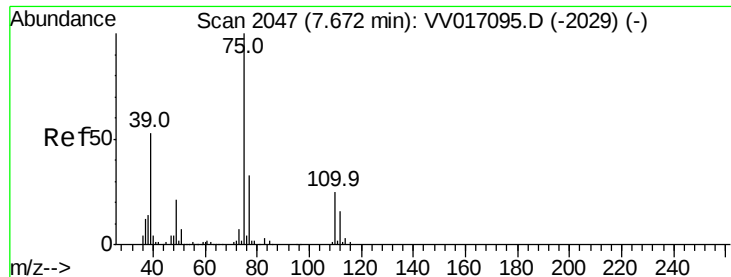
#42
 Toluene
 Concen: 0.121 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017103.D
 Acq: 25 Jun 2020 04:41

Tgt Ion: 91 Resp: 6193
 Ion Ratio Lower Upper
 91 100
 92 56.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#46

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

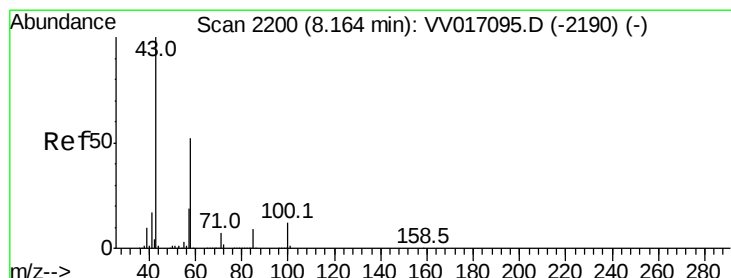
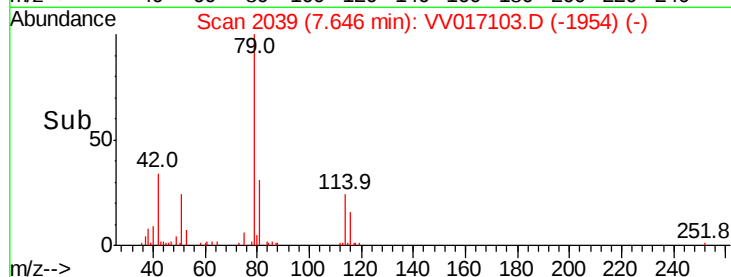
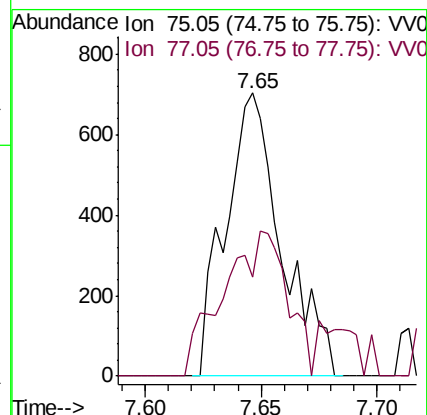
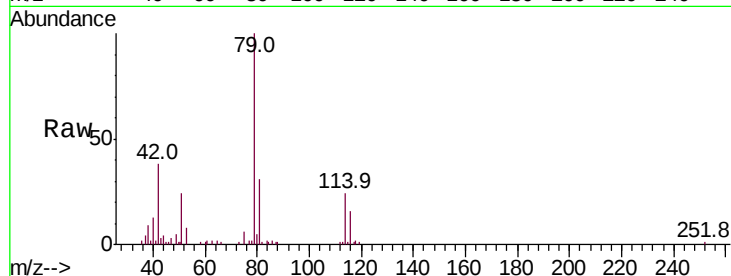
F9L56

Tot Ion: 75 Resp: 1182

Ion Ratio Lower Upper

75 100

77 34.9 22.3 41.3



#50

2-Hexanone

Concen: 2.616 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Tgt Ion: 43 Resp: 11698

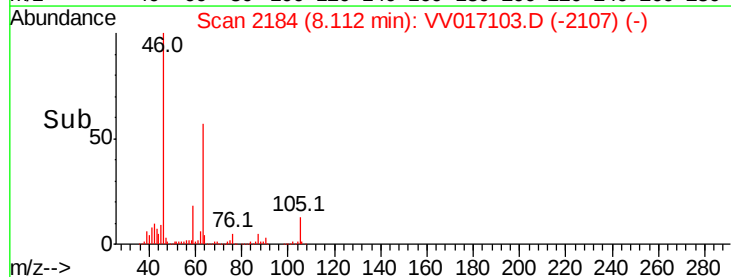
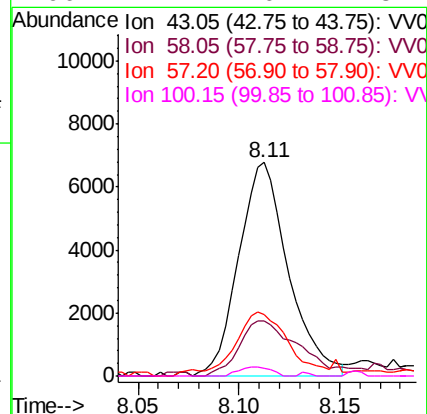
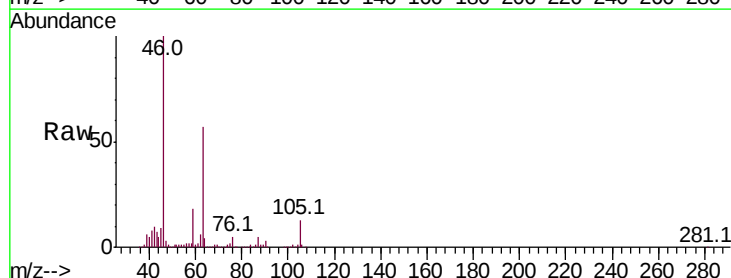
Ion Ratio Lower Upper

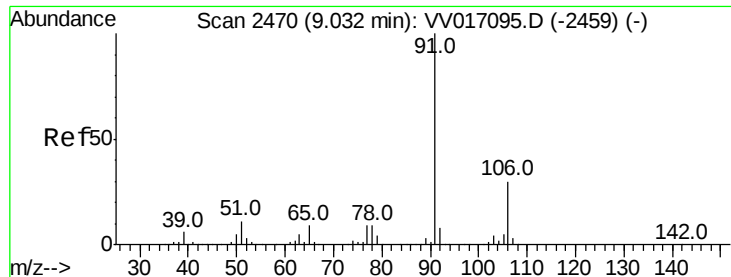
43 100

58 31.6 41.6 62.4#

57 27.0 15.4 23.0#

100 2.7 10.1 15.1#





#54

Ethylbenzene

Concen: 0.120 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017103.D

Acq: 25 Jun 2020 04:41

Instrument :

MSVOA_V

ClientSampleId :

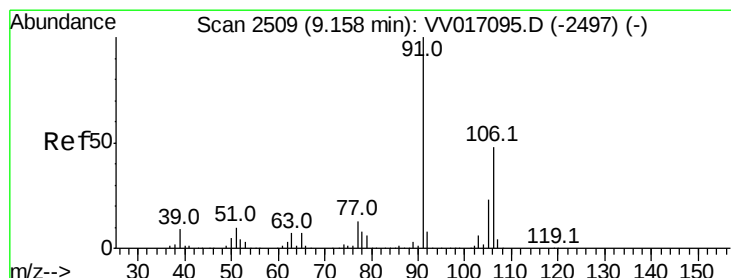
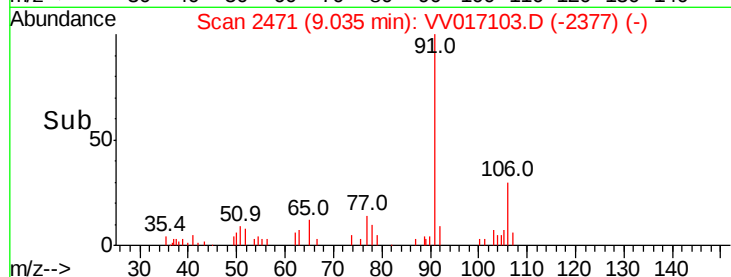
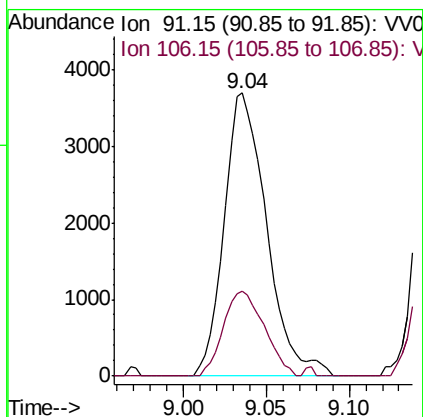
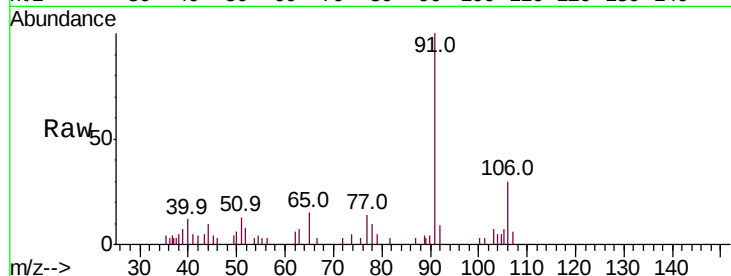
F9L56

Tot Ion: 91 Resp: 6572

Ion Ratio Lower Upper

91 100

106 30.1 21.1 39.1



#55

m,p-xylene

Concen: 0.500 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017103.D

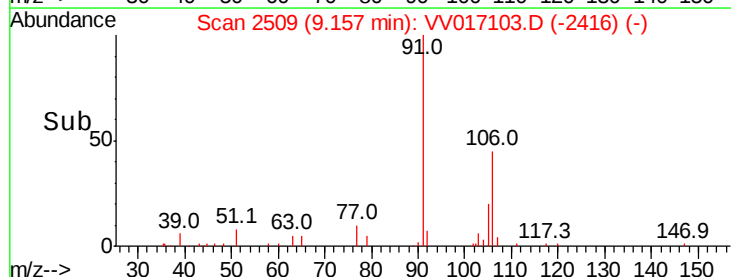
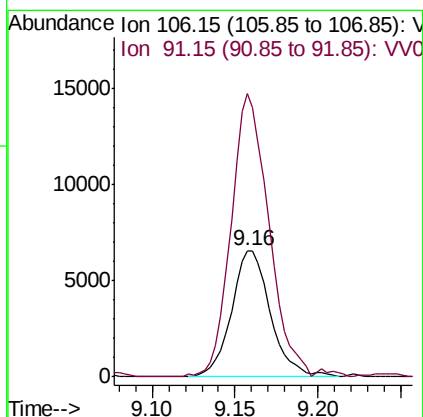
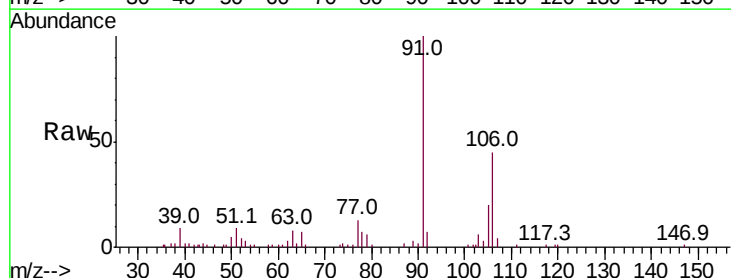
Acq: 25 Jun 2020 04:41

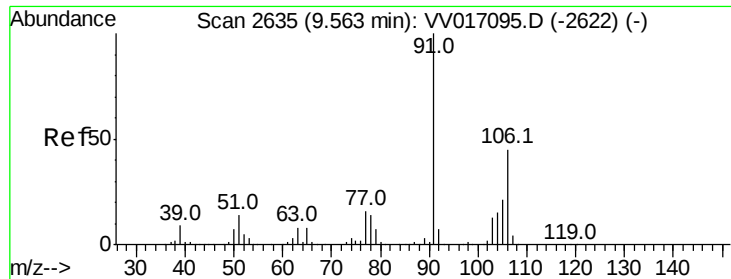
Tgt Ion: 106 Resp: 10703

Ion Ratio Lower Upper

106 100

91 224.3 142.7 264.9





#56
 o-xylene
 Concen: 0.374 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017103.D
 Acq: 25 Jun 2020 04:41

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L56

Tot Ion:106 Resp: 7478
 Ion Ratio Lower Upper
 106 100
 91 205.1 153.6 285.2

