

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016365.D
 Acq On : 30 May 2020 17:25
 Operator : SY/MD
 Sample : L2756-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKX0

Quant Time: Jun 01 05:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84254	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80765	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33995	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	26235	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	45838	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.94	46	83412	52.41	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.38	84	58329	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	31617	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	117502	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.10	67	35193	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	109864	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
45) trans-1,3-Dichloropropene-	7.64	79	12585	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
48) 2-Hexanone-d5	8.11	63	69425	58.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24577	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	40085	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

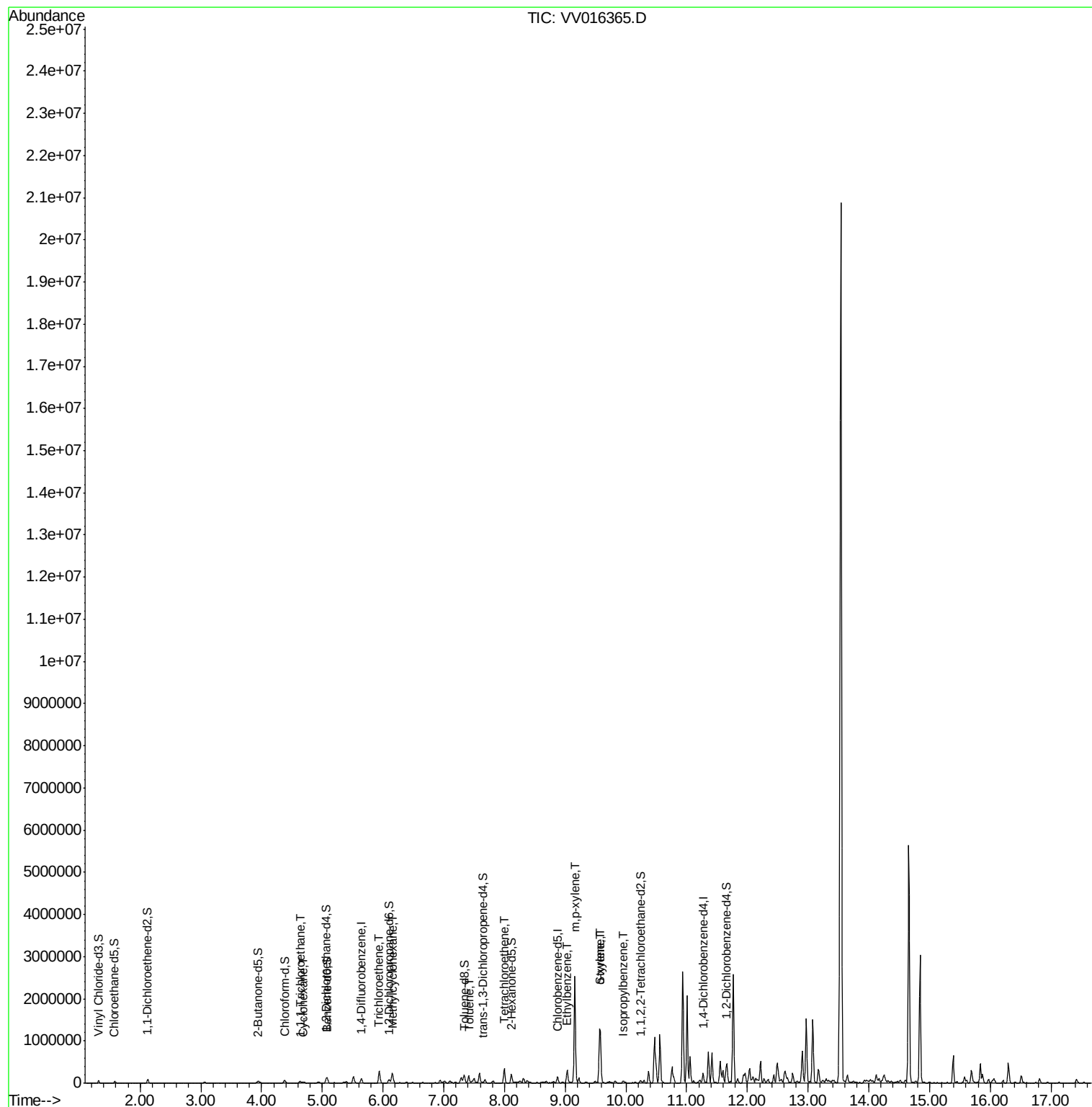
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) 1,1,1-Trichloroethane	4.64	97	33526	3.521	ug/L	98
30) Cyclohexane	4.69	56	9059	0.884	ug/L	# 68
34) Trichloroethene	5.94	95	98388	15.693	ug/L	98
35) Methylcyclohexane	6.15	83	93635	9.272	ug/L	99
42) Toluene	7.41	91	118913	4.678	ug/L	100
49) Tetrachloroethene	8.00	164	70099	15.244	ug/L	98
54) Ethylbenzene	9.03	91	191573	6.833	ug/L	98
55) m,p-xylene	9.16	106	627125	59.764	ug/L	100
56) o-xylene	9.57	106	219597	22.220	ug/L	98
57) Styrene	9.58	104	410096	24.302	ug/L	99
58) Isopropylbenzene	9.95	105	28574	1.061	ug/L	98

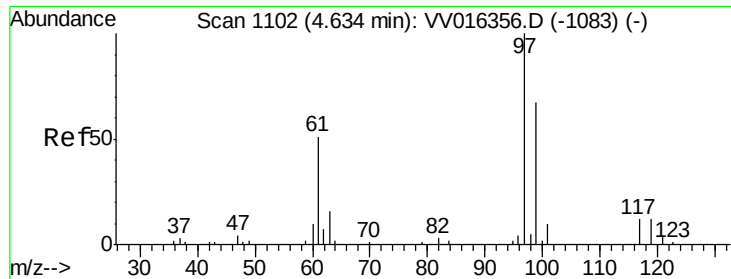
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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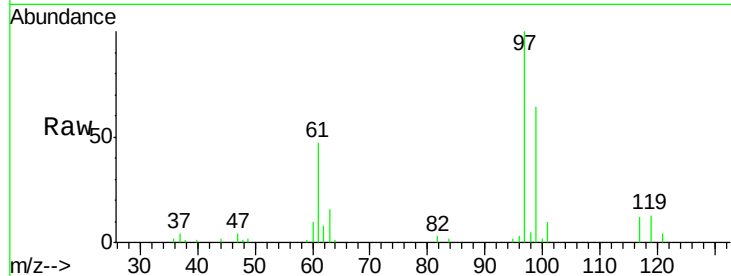




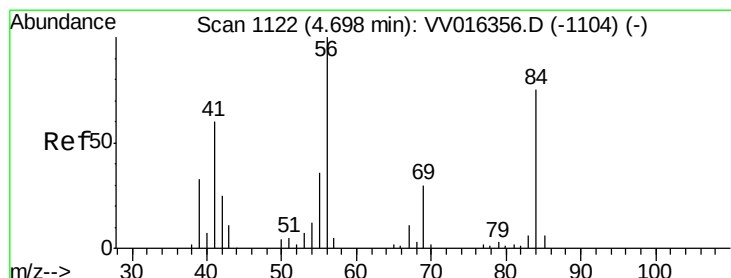
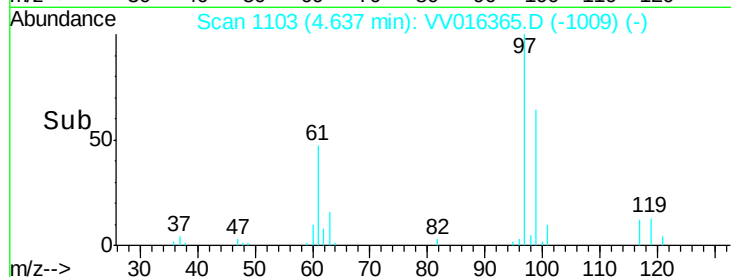
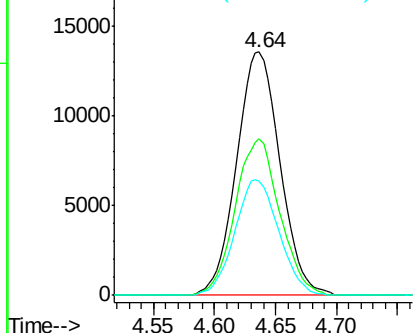
#29
 1,1,1-Trichloroethane
 Concen: 3.521 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV016365.D
 Acq: 30 May 2020 17:25

Instrument :
 MSVOA_V
 ClientSampled :
 ETKX0

Tot Ion: 97 Resp: 33526
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.0 78.0
 61 48.0 39.8 59.6

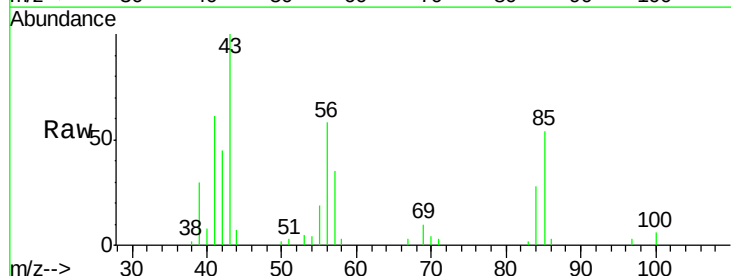


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

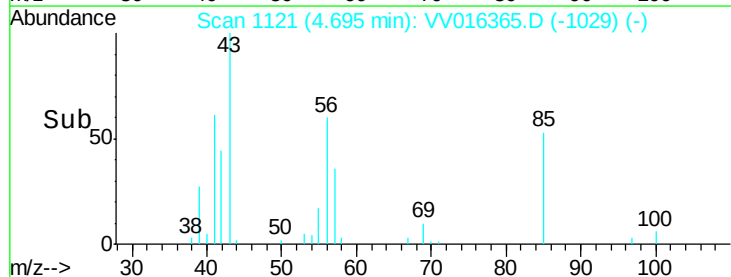
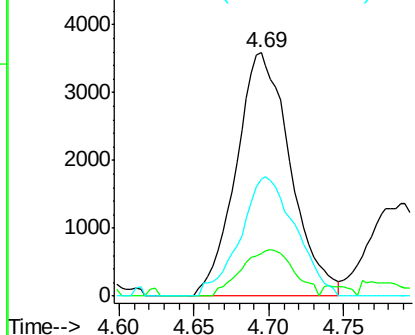


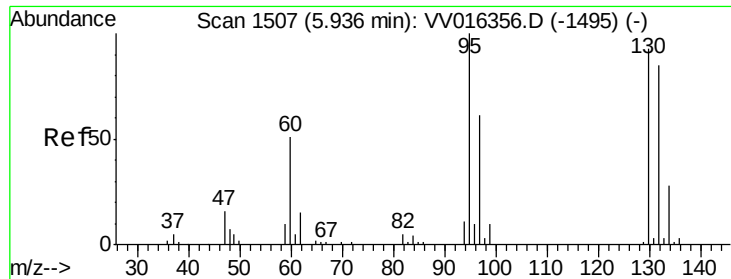
#30
 Cyclohexane
 Concen: 0.884 ug/L
 RT: 4.69 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: VV016365.D
 Acq: 30 May 2020 17:25

Tgt Ion: 56 Resp: 9059
 Ion Ratio Lower Upper
 56 100
 69 18.3 23.5 35.3#
 84 49.8 65.8 98.8#



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#34

Trichloroethene

Concen: 15.693 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

ETKX0

Tot Ion: 95 Resp: 98388

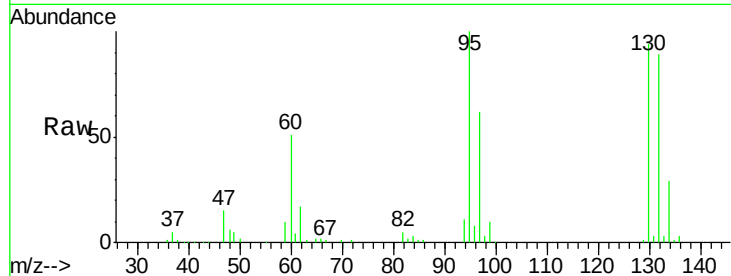
Ion Ratio Lower Upper

95 100

97 62.4 42.6 79.0

132 88.5 59.6 110.8

130 94.1 64.8 120.4



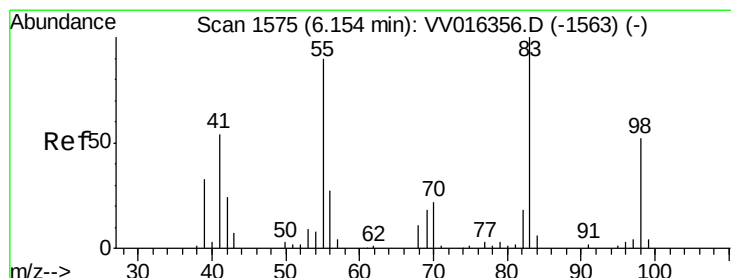
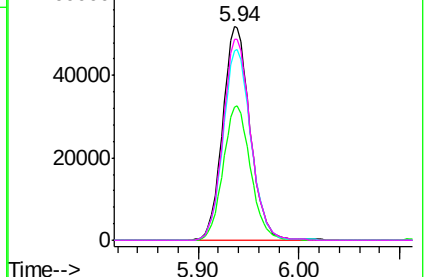
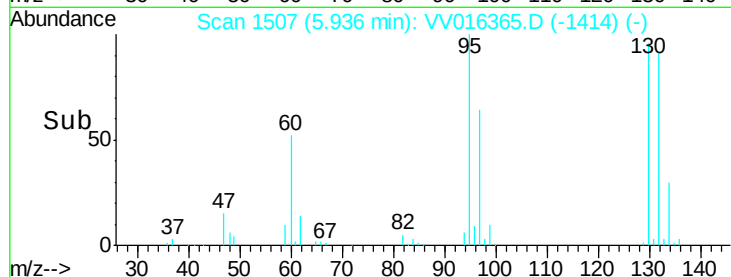
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Time-->



#35

Methylcyclohexane

Concen: 9.272 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

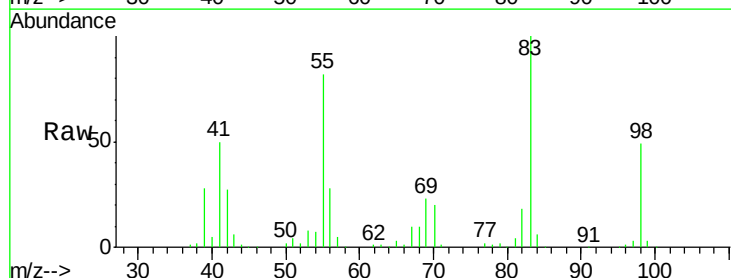
Tgt Ion: 83 Resp: 93635

Ion Ratio Lower Upper

83 100

55 85.1 67.0 100.4

98 47.9 39.0 58.4

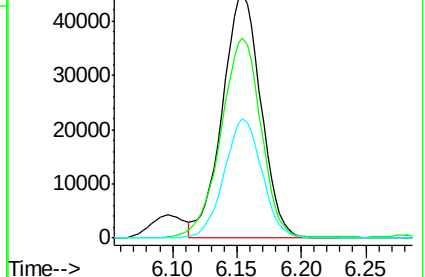
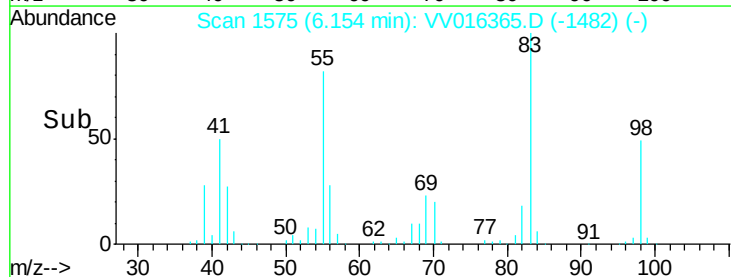


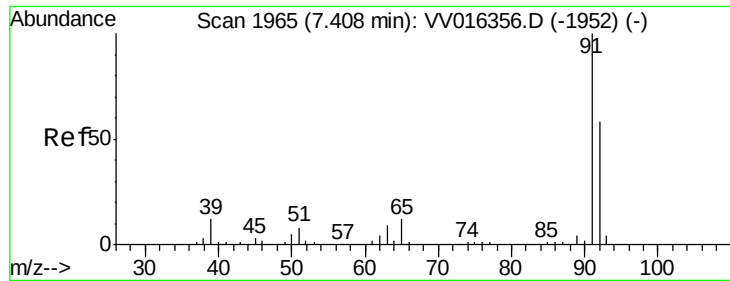
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->





#42

Toluene

Concen: 4.678 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

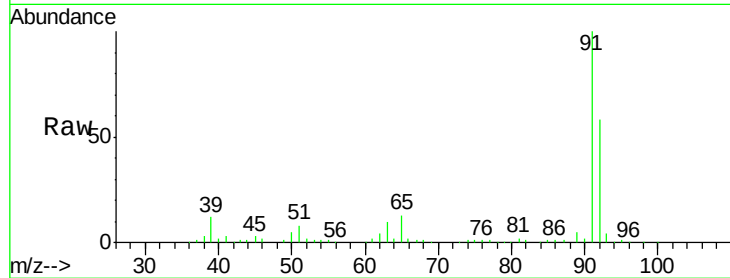
ETKX0

Tot Ion: 91 Resp: 118913

Ion Ratio Lower Upper

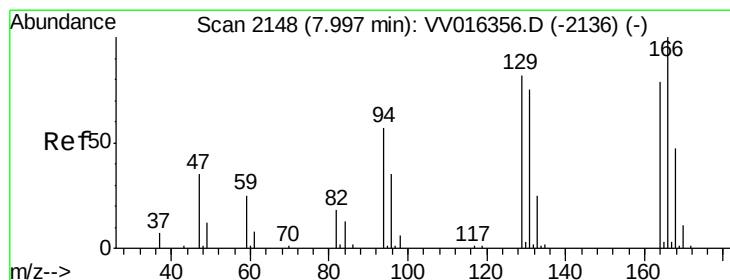
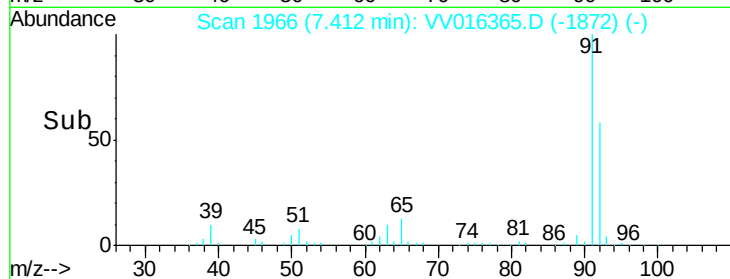
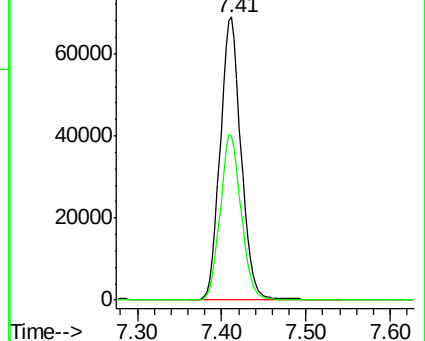
91 100

92 58.1 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#49

Tetrachloroethene

Concen: 15.244 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

Tgt Ion:164 Resp: 70099

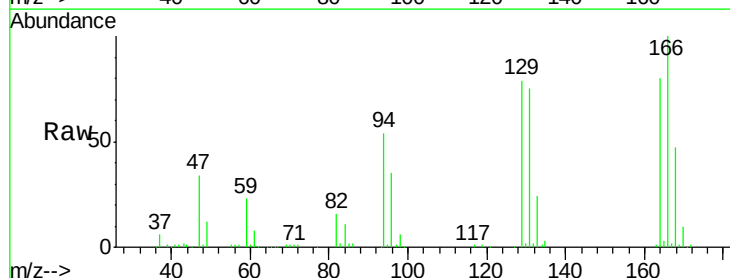
Ion Ratio Lower Upper

164 100

129 99.0 72.2 134.0

131 93.6 65.8 122.2

166 125.0 88.3 163.9

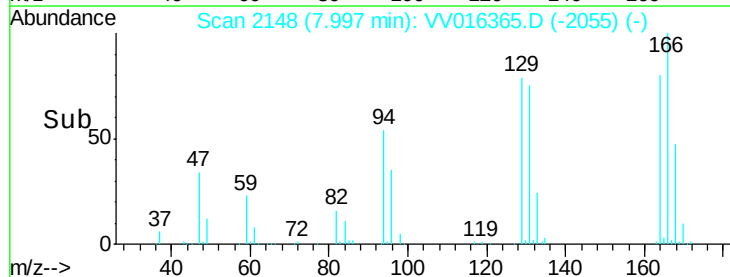
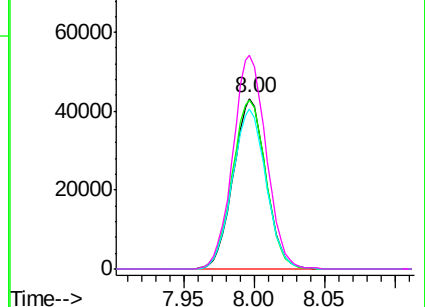


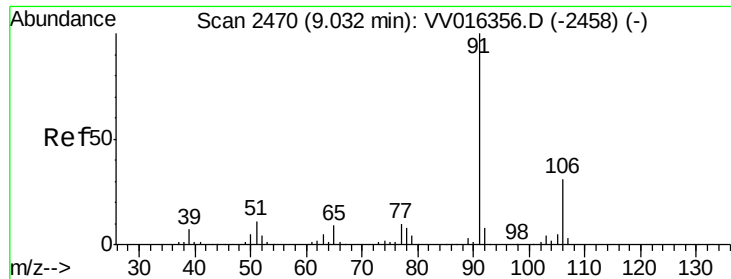
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#54

Ethylbenzene

Concen: 6.833 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

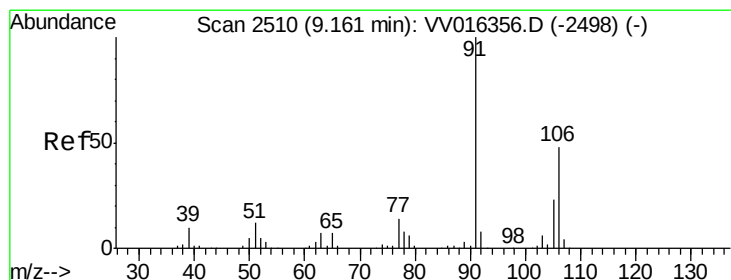
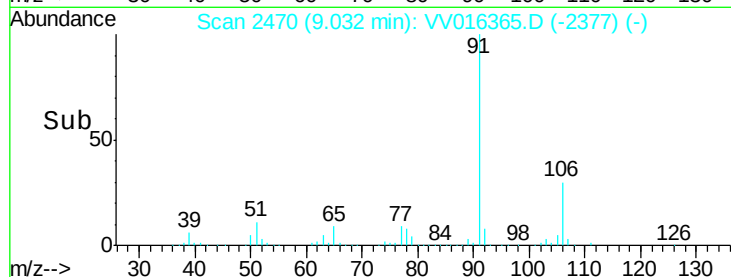
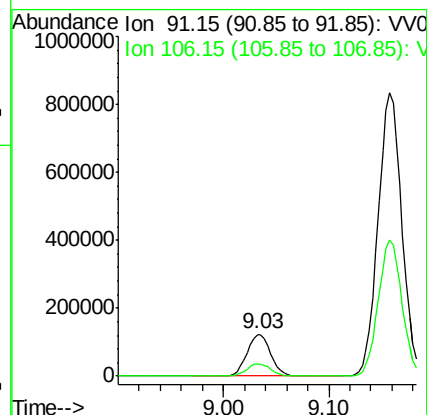
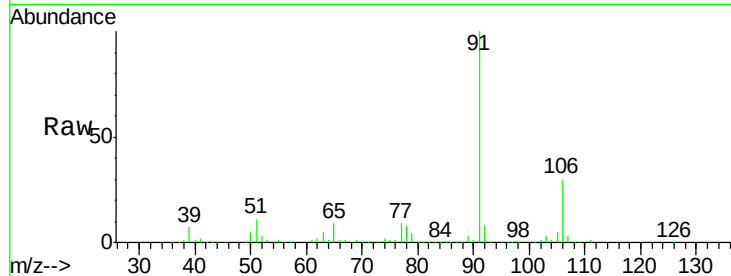
ETKX0

Tot Ion: 91 Resp: 191573

Ion Ratio Lower Upper

91 100

106 29.6 21.4 39.8



#55

m,p-xylene

Concen: 59.764 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016365.D

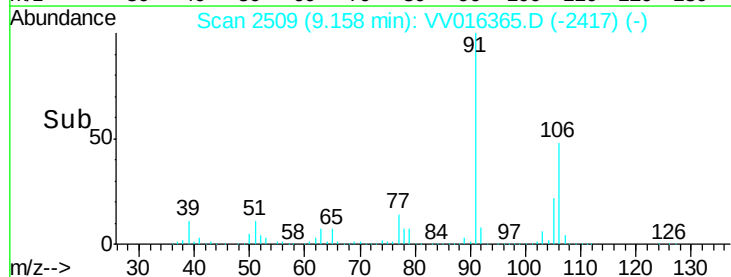
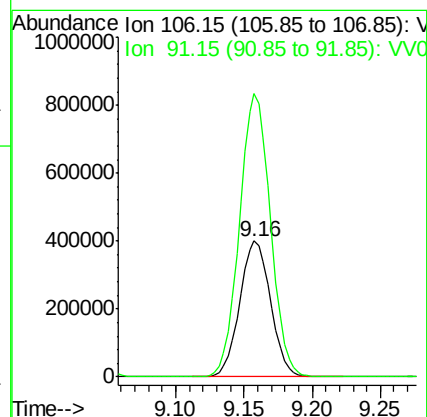
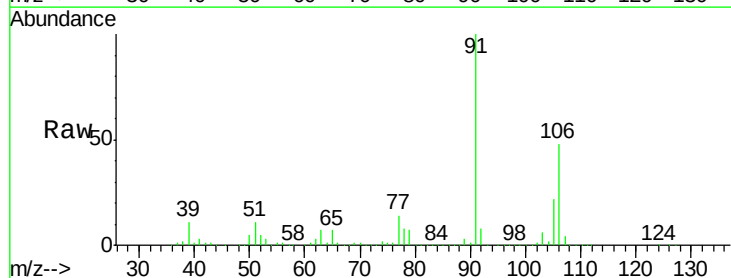
Acq: 30 May 2020 17:25

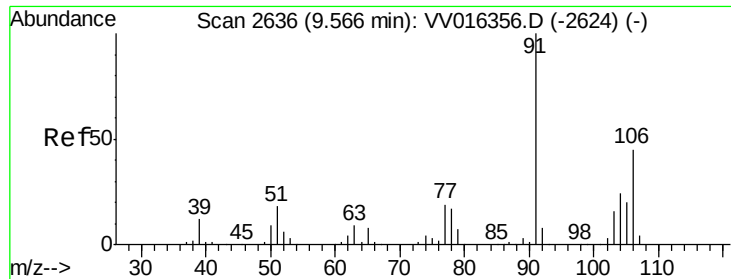
Tgt Ion: 106 Resp: 627125

Ion Ratio Lower Upper

106 100

91 208.7 146.6 272.2

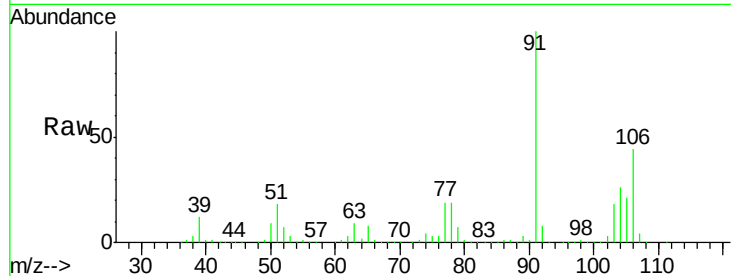




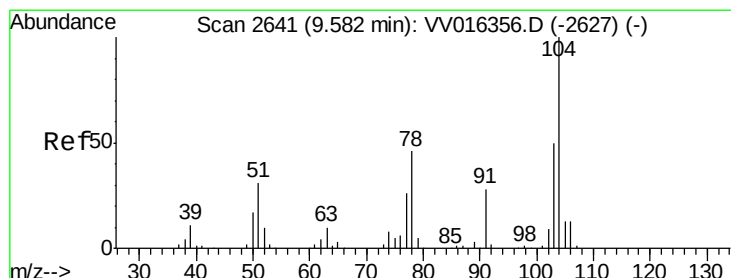
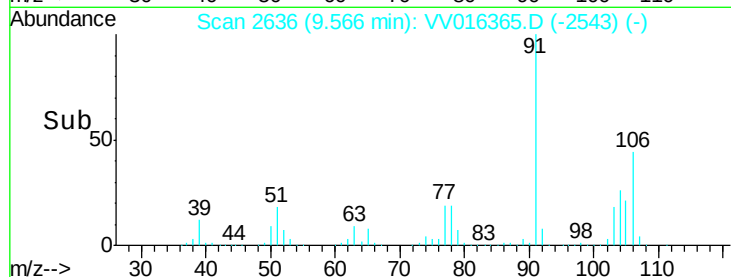
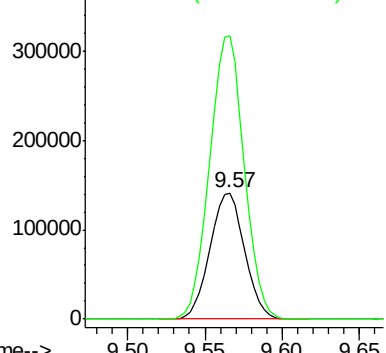
#56
o-xylene
Concen: 22.220 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :
ETKX0

Tot Ion:106 Resp: 219597
Ion Ratio Lower Upper
106 100
91 224.8 155.2 288.2

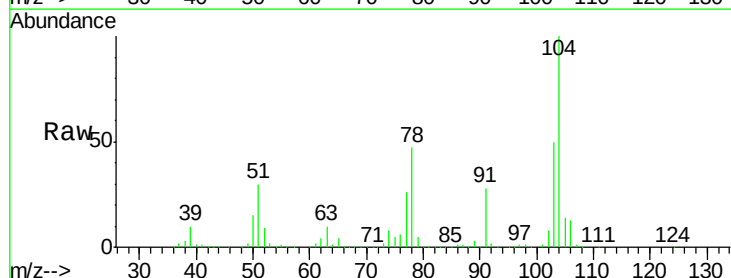


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

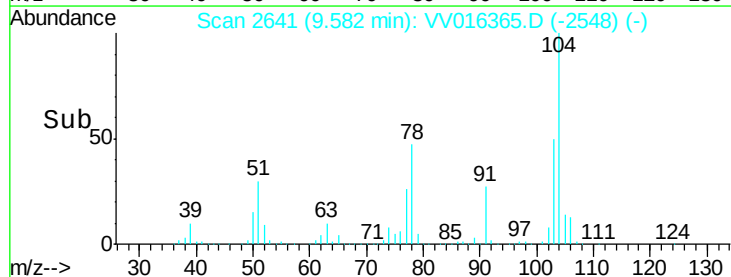
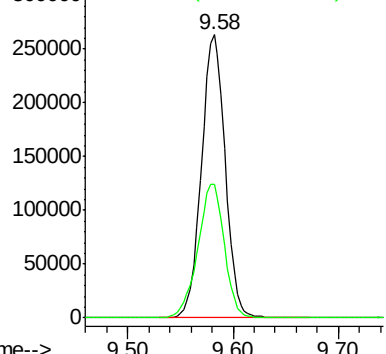


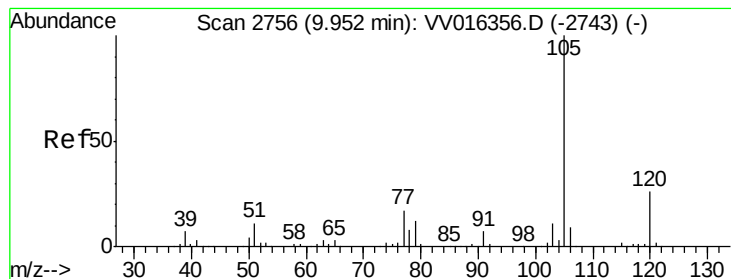
#57
Styrene
Concen: 24.302 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:104 Resp: 410096
Ion Ratio Lower Upper
104 100
78 47.0 32.6 60.6



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 1.061 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016365.D

Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :
ETKX0

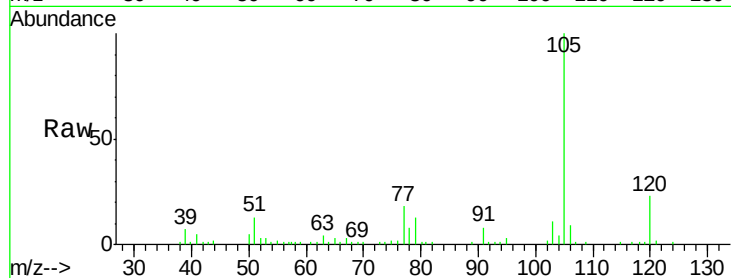
Tot Ion:105 Resp: 28574

Ion Ratio Lower Upper

105 100

120 25.1 20.7 31.1

77 17.6 13.4 20.2



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

