

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017097.D
 Acq On : 25 Jun 2020 02:17
 Operator : SY/MD
 Sample : L3102-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L50

Quant Time: Jun 25 05:29:11 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	174054	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169890	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33368	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.58	69	29260	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.12	63	56217	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.96	46	98388	36.95	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.90%
24) Chloroform-d	4.38	84	98730	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	54258	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.07	84	183791	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.10	67	56516	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.34	98	164098	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	7.64	79	21806	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
48) 2-Hexanone-d5	8.12	63	78481	37.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40831	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	65319	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

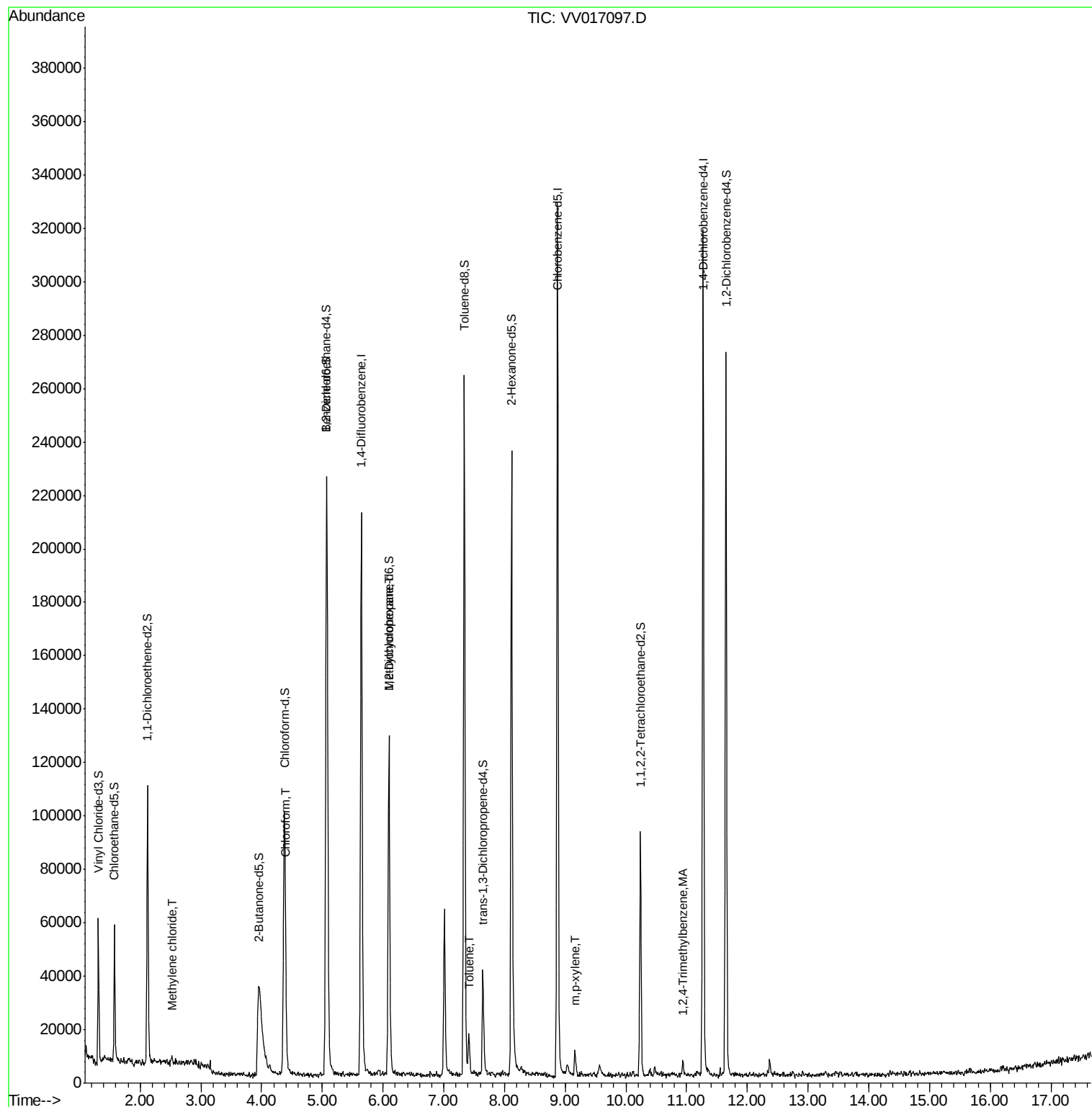
					Ovalue
16) Methylene chloride	2.52	84	991	0.111 ug/L	86
25) Chloroform	4.40	83	2654	0.122 ug/L	94
35) Methylcyclohexane	6.09	83	14854	0.733 ug/L #	18
42) Toluene	7.41	91	9133	0.177 ug/L	91
44) 1,2,4-Trimethylbenzene	10.94	105	2459	0.052 ug/L	98
55) m,p-xylene	9.16	106	2318	0.107 ug/L	87

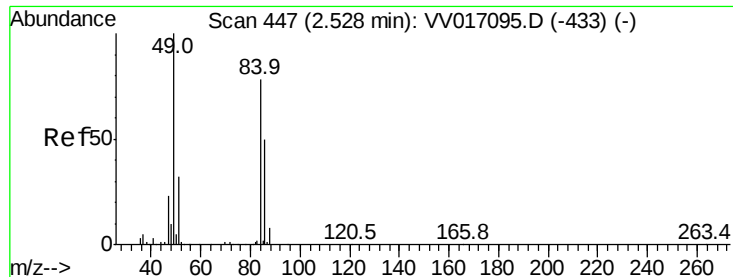
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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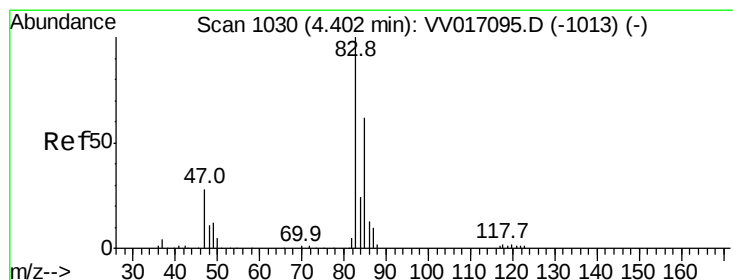
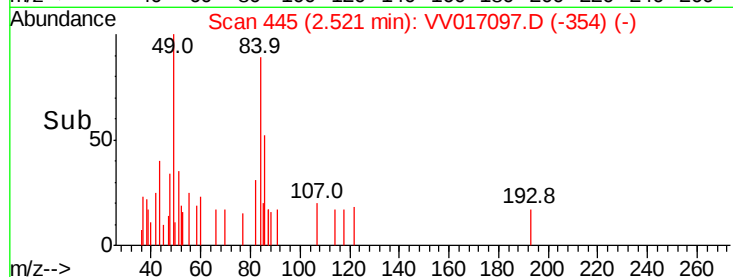
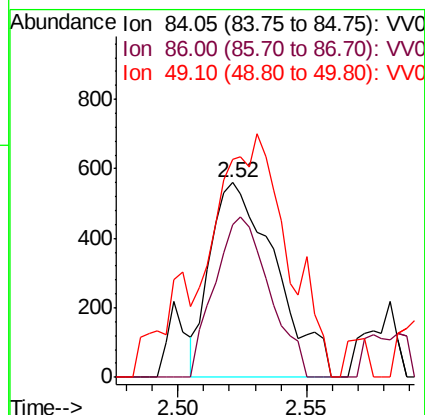
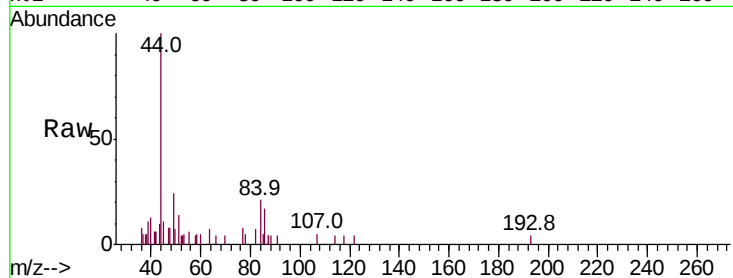




#16
Methvlene chloride
Concen: 0.111 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.01 min
Lab File: VV017097.D
Acq: 25 Jun 2020 02:17

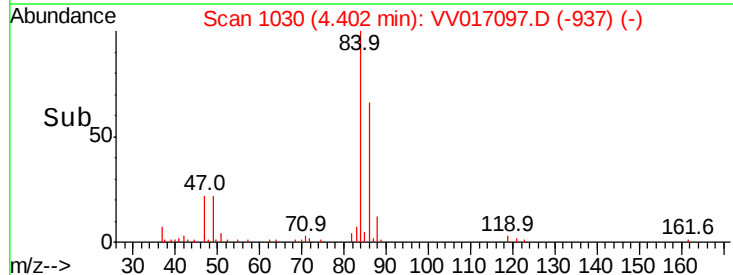
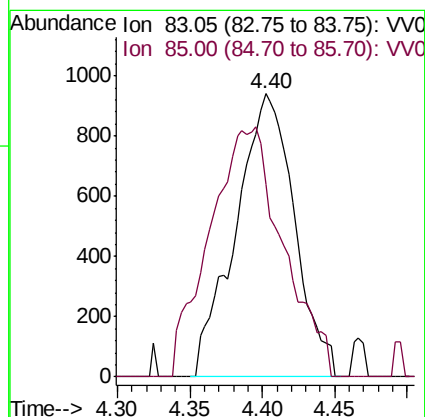
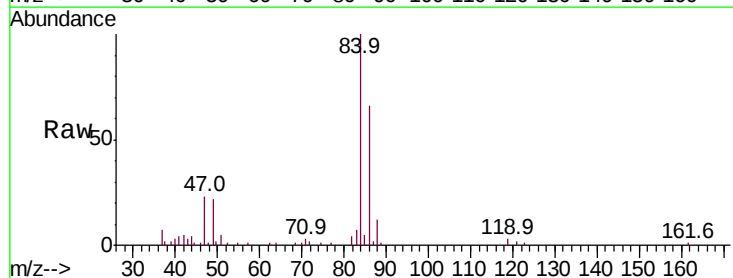
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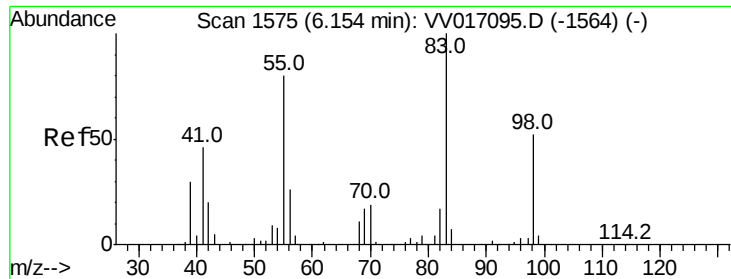
Tot Ion: 84 Resp: 991
Ion Ratio Lower Upper
84 100
86 78.3 45.8 85.0
49 143.7 89.6 166.4



#25
Chloroform
Concen: 0.122 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017097.D
Acq: 25 Jun 2020 02:17

Tgt Ion: 83 Resp: 2654
Ion Ratio Lower Upper
83 100
85 68.0 44.2 82.2

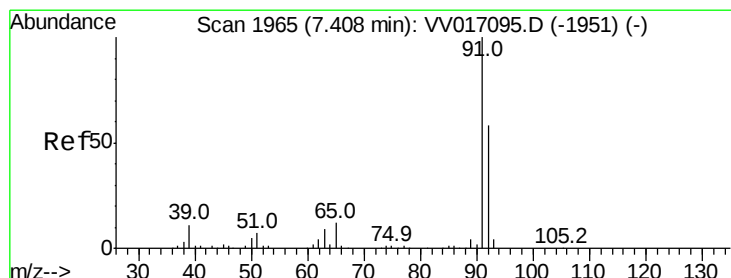
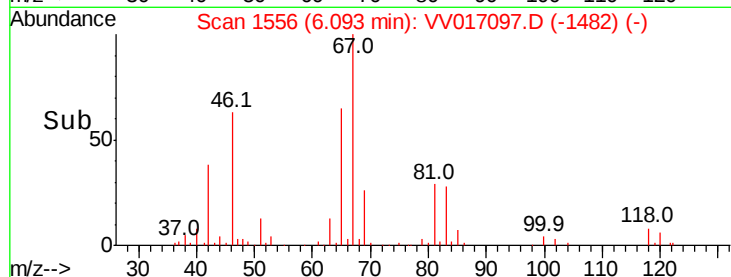
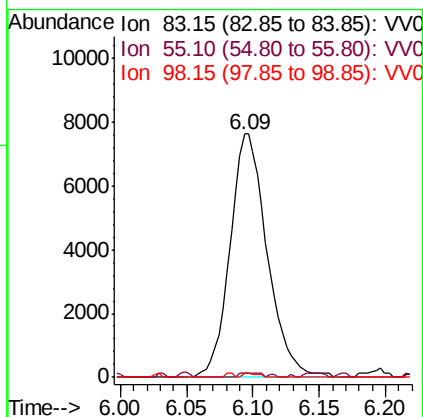
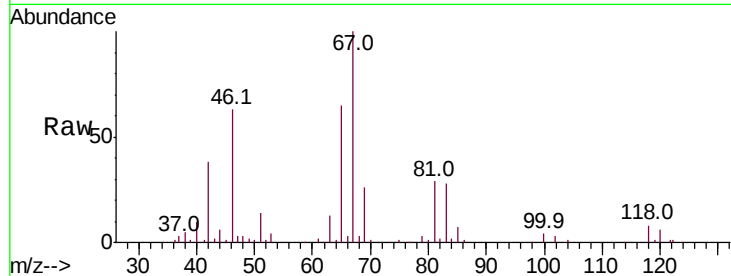




#35
Methvlcvclohexane
Concen: 0.733 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017097.D
Acq: 25 Jun 2020 02:17

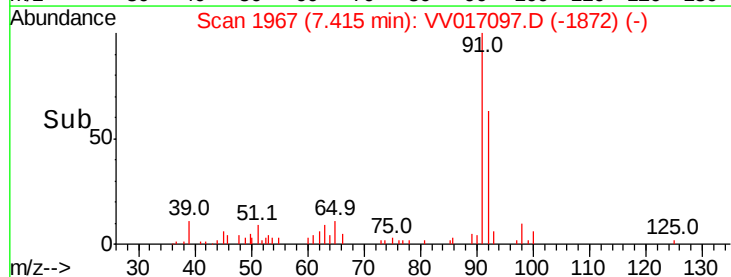
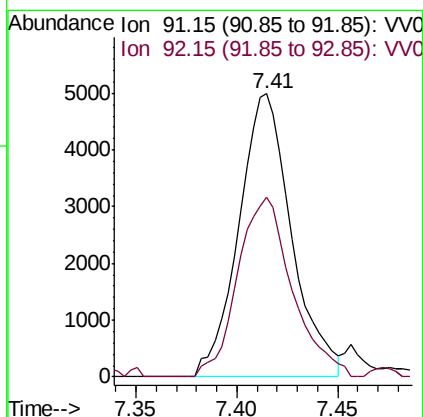
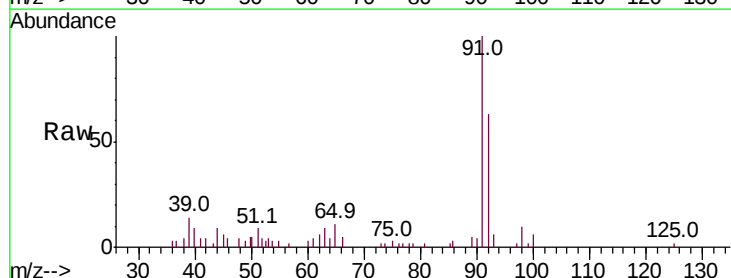
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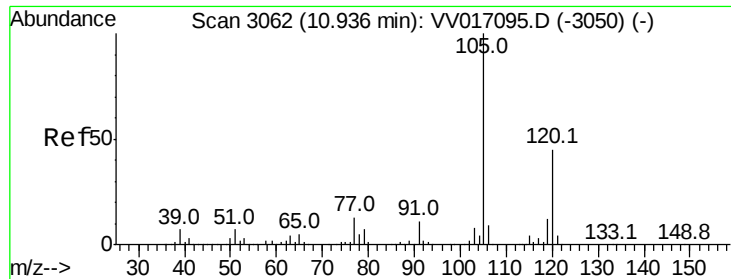
Tot Ion: 83 Resp: 14854
Ion Ratio Lower Upper
83 100
55 1.0 63.6 95.4#
98 0.7 38.8 58.2#



#42
Toluene
Concen: 0.177 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017097.D
Acq: 25 Jun 2020 02:17

Tgt Ion: 91 Resp: 9133
Ion Ratio Lower Upper
91 100
92 63.3 39.9 74.1





#44

1,2,4-Trimethylbenzene

Concen: 0.052 ug/L

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VV017097.D

Acq: 25 Jun 2020 02:17

Instrument :

MSVOA_V

ClientSampleId :

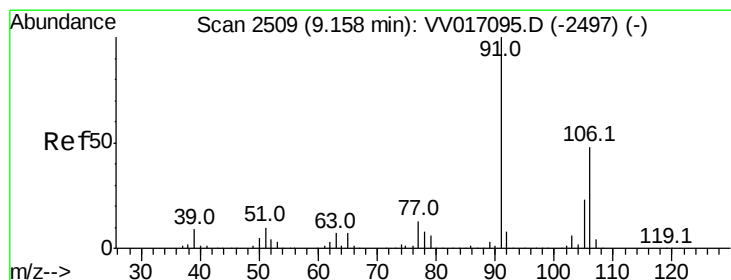
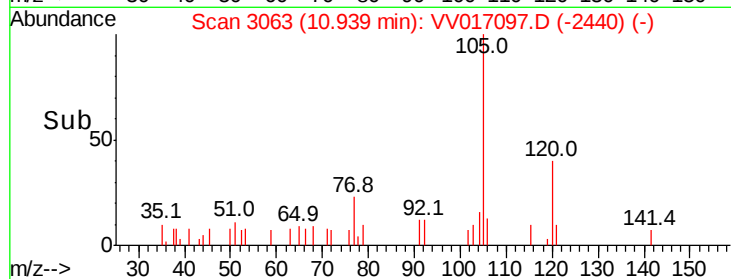
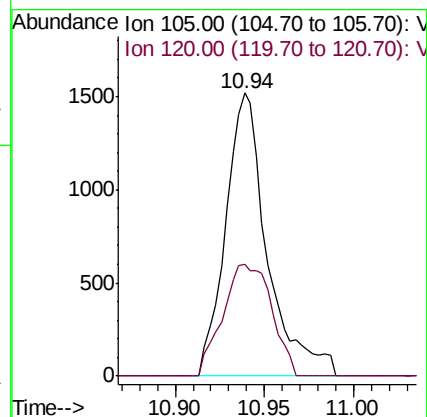
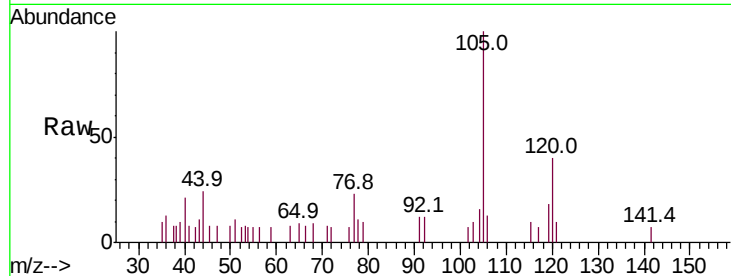
F9L50

Tot Ion:105 Resp: 2459

Ion Ratio Lower Upper

105 100

120 46.4 35.8 53.8



#55

m,p-xylene

Concen: 0.107 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017097.D

Acq: 25 Jun 2020 02:17

Tgt Ion:106 Resp: 2318

Ion Ratio Lower Upper

106 100

91 184.3 142.7 264.9

