

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010470.D
 Acq On : 24 Apr 2019 18:27
 Operator : SY/MD
 Sample : K2477-04
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X53

Quant Time: Apr 25 03:56:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236585	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61481	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	46525	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	94752	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	152603	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.40	84	136395	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	70076	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	265792	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	77503	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	243913	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	27172	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	117972	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57452	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	99862	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

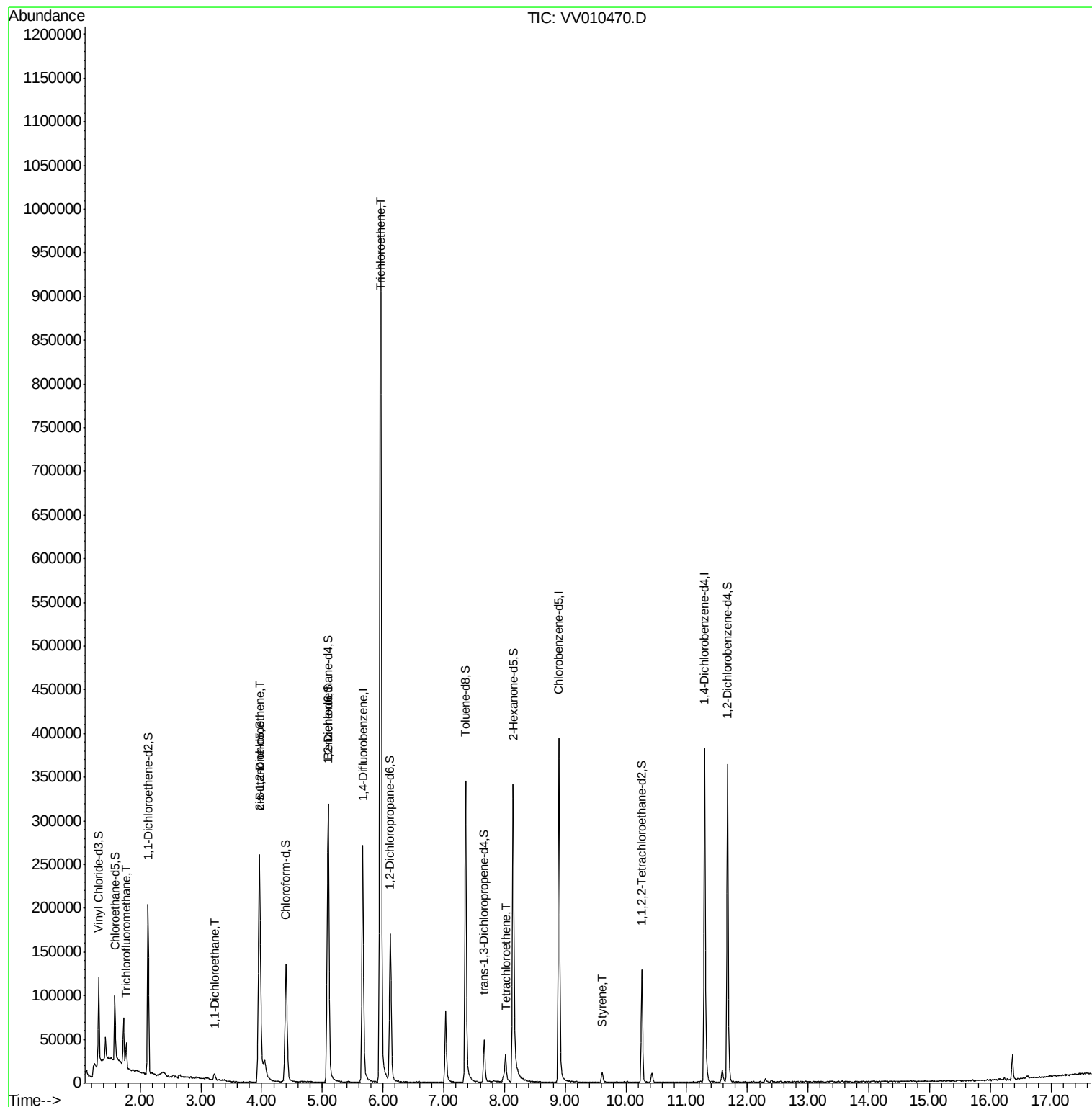
					Ovalue
9) Trichlorofluoromethane	1.77	101	14159	0.474 ug/L	97
19) 1,1-Dichloroethane	3.23	63	4613	0.186 ug/L #	85
22) cis-1,2-Dichloroethene	3.96	96	97898	6.043 ug/L	99
34) Trichloroethene	5.96	95	342676	20.000 ug/L	96
47) Tetrachloroethene	8.02	164	6959	0.455 ug/L	89
55) Styrene	9.61	104	6401	0.136 ug/L	91

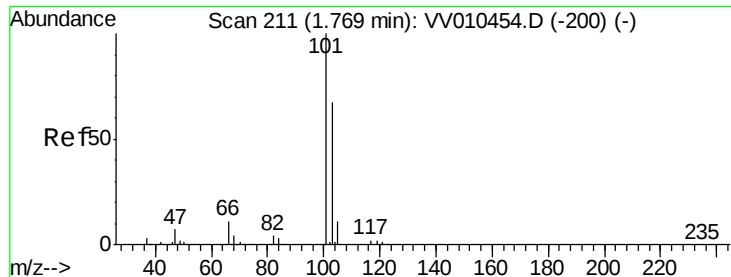
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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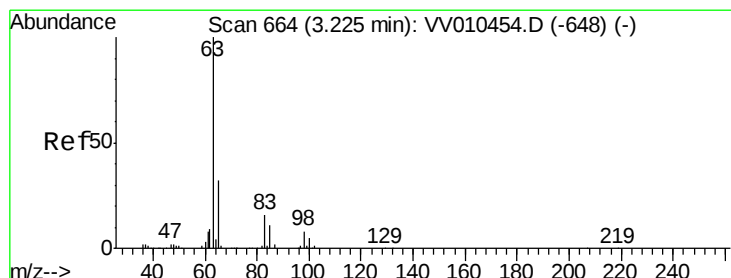
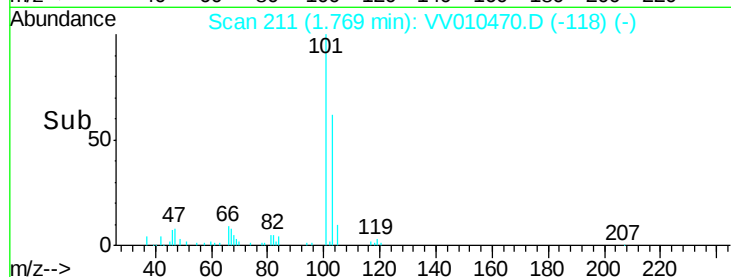
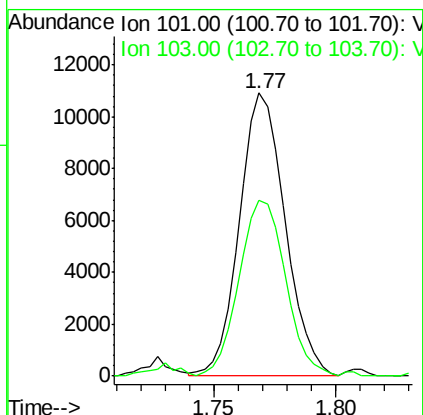
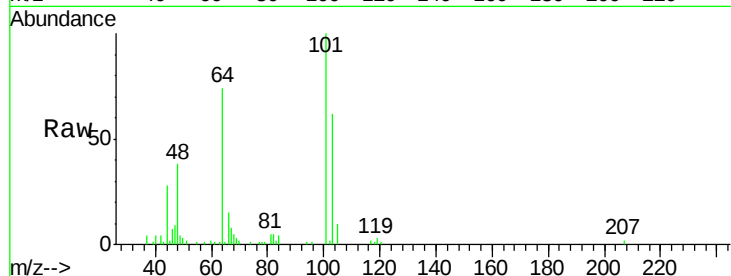


#9

Trichlorofluoromethane
 Concen: 0.474 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VV010470.D
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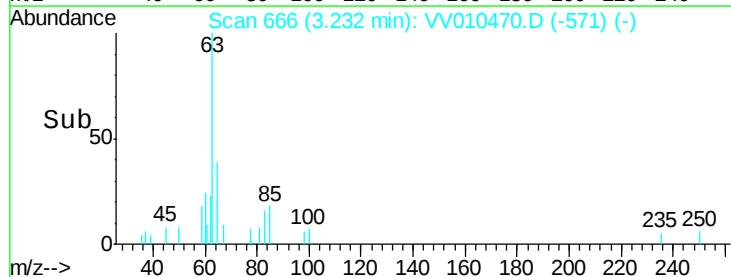
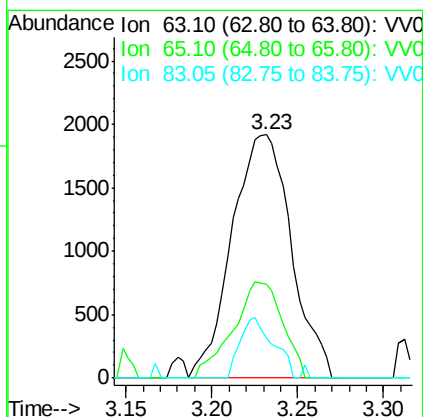
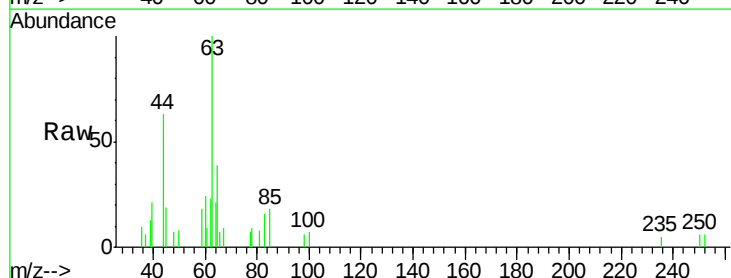
Tot Ion:101 Resp: 14159
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 78.8

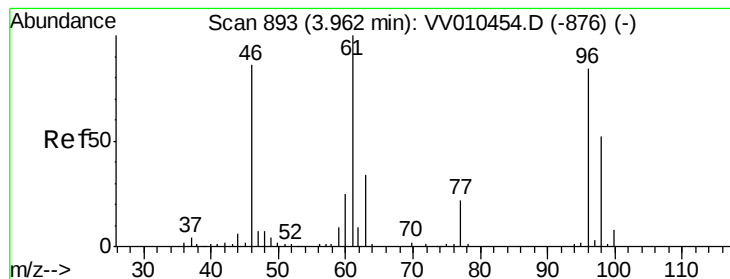


#19

1,1-Dichloroethane
 Concen: 0.186 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

Tgt Ion: 63 Resp: 4613
 Ion Ratio Lower Upper
 63 100
 65 45.1 22.7 42.3#
 83 16.3 11.3 20.9



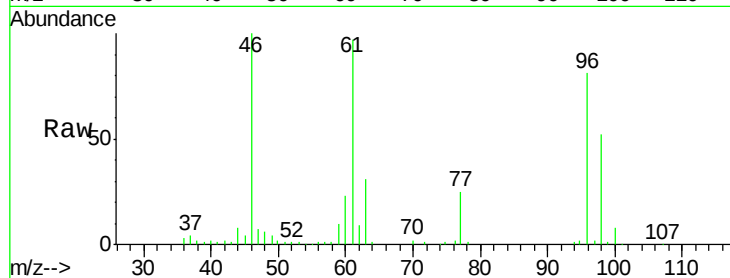


#22

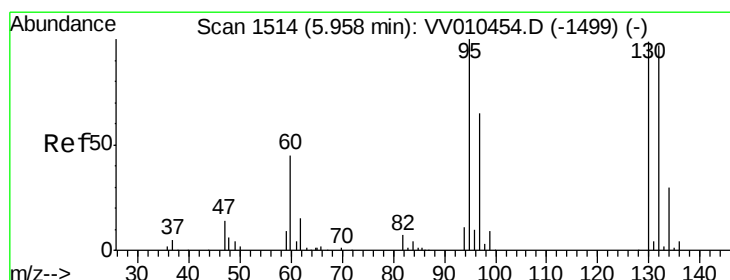
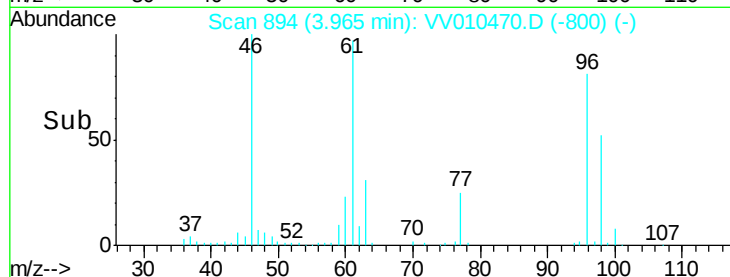
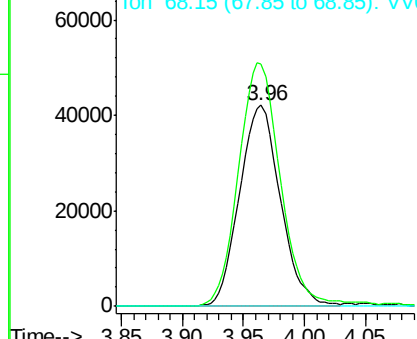
cis-1,2-Dichloroethene
Concen: 6.043 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010470.D
Acq: 24 Apr 2019 18:27

Instrument :
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C0X53

Tot Ion: 96 Resp: 97898
Ion Ratio Lower Upper
96 100
61 120.4 83.2 154.6
68 0.0 0.0 0.0



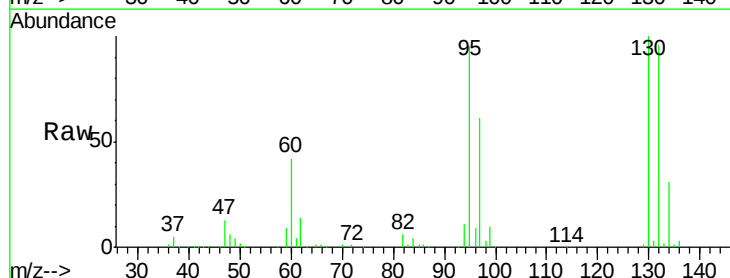
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



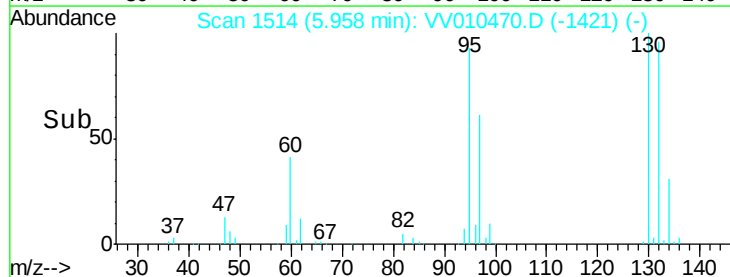
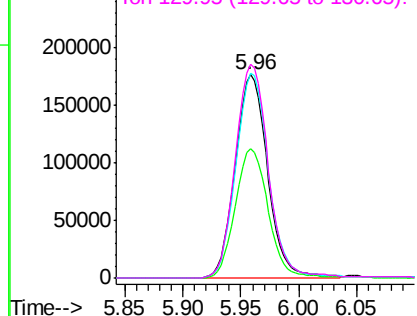
#34

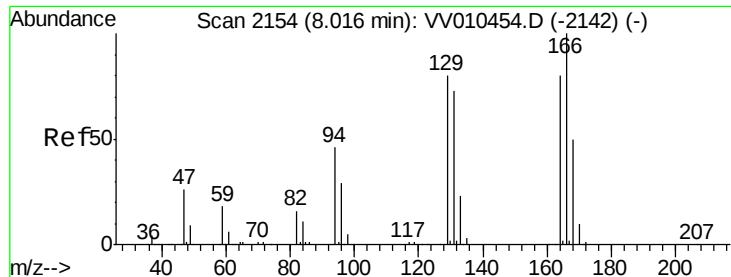
Trichloroethene
Concen: 20.000 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010470.D
Acq: 24 Apr 2019 18:27

Tgt Ion: 95 Resp: 342676
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.6
132 101.0 67.8 126.0
130 105.1 69.0 128.2



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





#47

Tetrachloroethene

Concen: 0.455 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Instrument :

MSVOA_V

ClientSampleId :

C0X53

Tot Ion:164 Resp: 6959

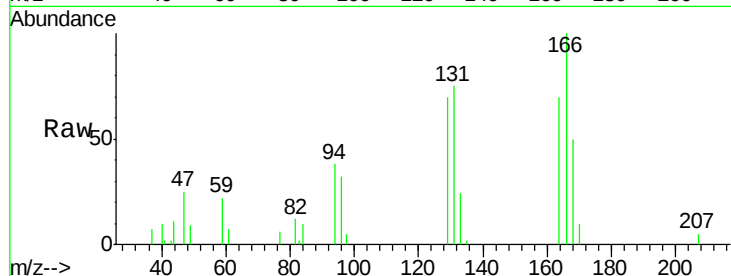
Ion Ratio Lower Upper

164 100

129 100.6 69.7 129.4

131 106.7 63.8 118.6

166 143.0 87.4 162.2

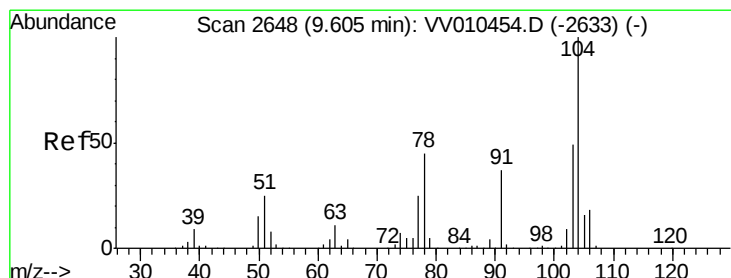
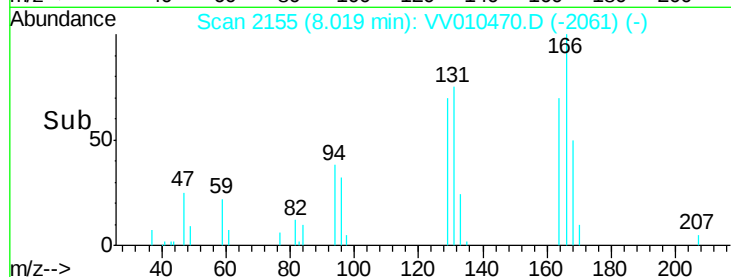
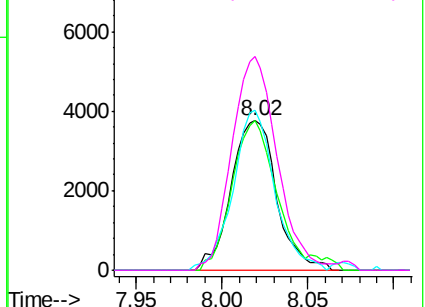


Abundance Ion 163.90 (163.60 to 164.60): V

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



#55

Styrene

Concen: 0.136 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010470.D

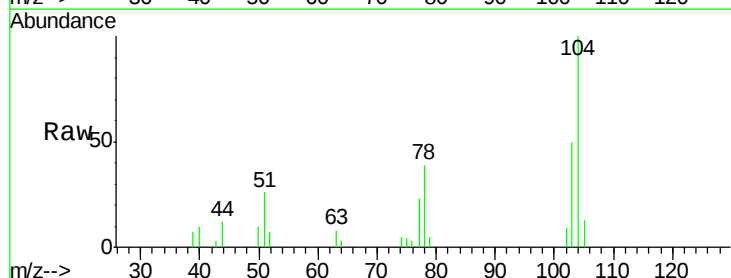
Acq: 24 Apr 2019 18:27

Tgt Ion:104 Resp: 6401

Ion Ratio Lower Upper

104 100

78 38.9 31.4 58.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

