

Data File : VU031377.D
Acq On : 19 Apr 2019 22:14
Operator : JC/SP
Sample : K2455-22
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHS2ME

Quant Time: Apr 19 23:17:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	570494	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	553889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	284611	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167826	31.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.88%
7) Chloroethane-d5	1.68	69	123961	27.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.36%#
11) 1,1-Dichloroethene-d2	2.24	63	267378	25.69	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.38%#
21) 2-Butanone-d5	4.21	46	347744	90.88	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.88%
24) Chloroform-d	4.65	84	343279	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.32%
26) 1,2-Dichloroethane-d4	5.31	65	180485	33.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.86%#
32) Benzene-d6	5.33	84	594794	33.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.94%#
36) 1,2-Dichloropropane-d6	6.33	67	192970	33.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.92%#
41) Toluene-d8	7.56	98	632728	41.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.12%
43) trans-1,3-Dichloropropene-	7.85	79	102812	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.70%
47) 2-Hexanone-d5	8.34	63	218431	81.42	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	314173	39.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	225986	34.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.24%#

Target Compounds

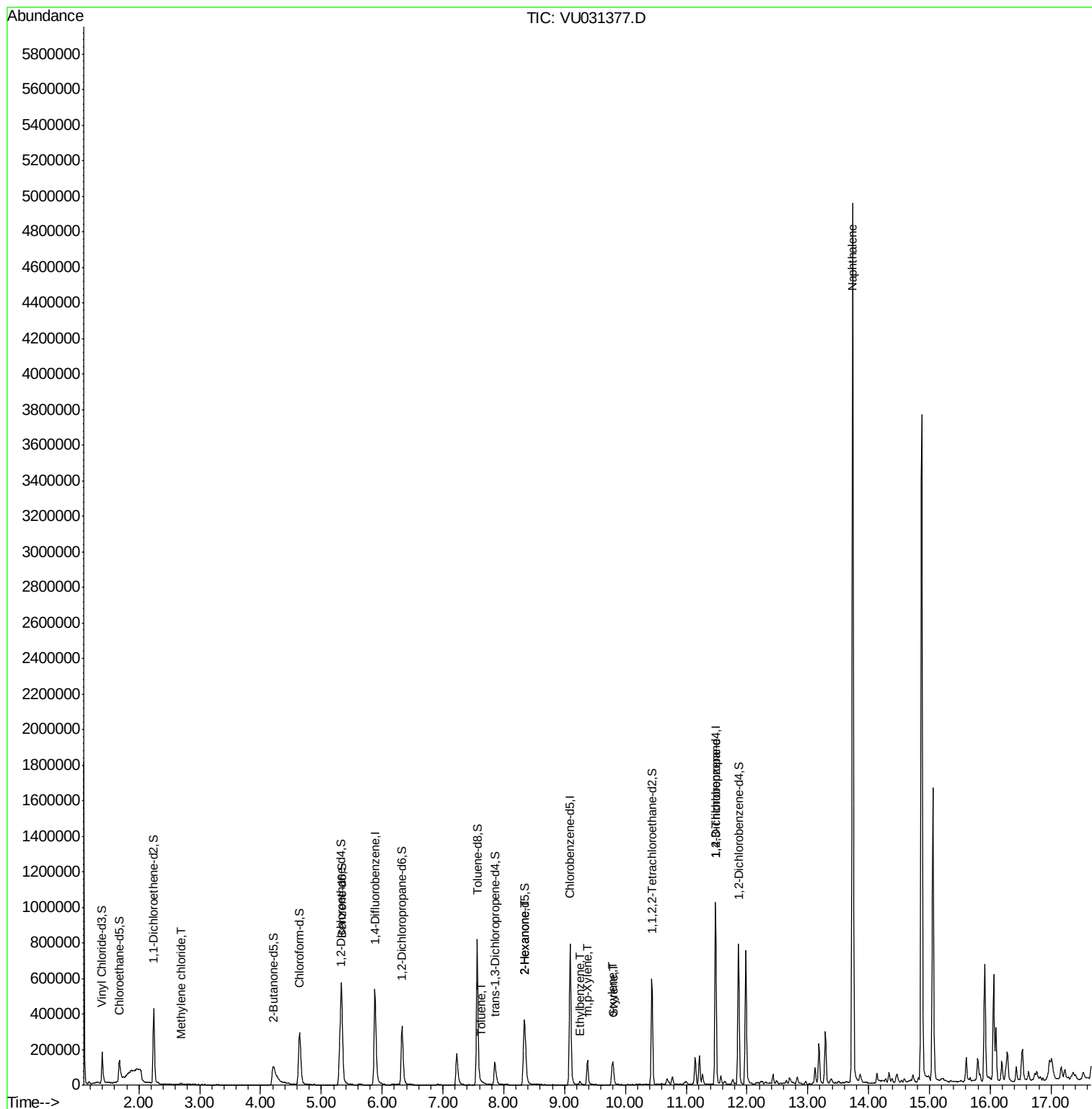
						Qvalue
16) Methylene chloride	2.69	84	4443	1.021	ug/L	75
42) Toluene	7.64	91	6359	0.343	ug/L	99
48) 2-Hexanone	8.34	43	22570	4.077	ug/L #	55
52) Ethylbenzene	9.26	91	16546	0.820	ug/L	98
53) m,p-Xylene	9.38	106	46493	6.531	ug/L	94
54) o-xylene	9.78	106	23300	3.232	ug/L	97
55) Styrene	9.80	104	58447	4.803	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	30936	5.272	ug/L	93
69) Naphthalene	13.74	128	3977994	222.251	ug/L	99

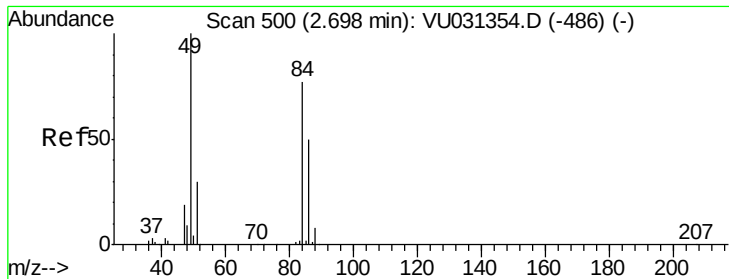
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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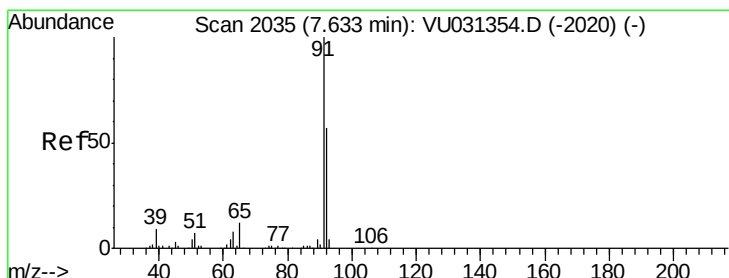
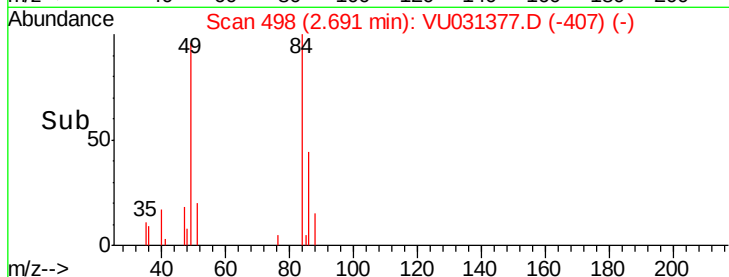
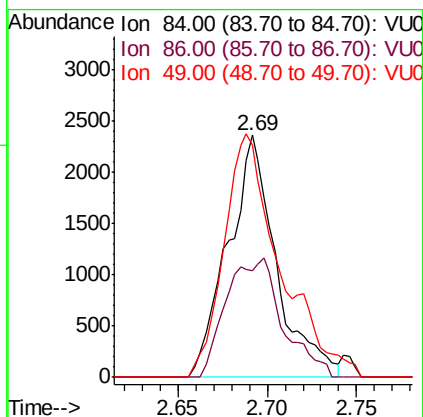
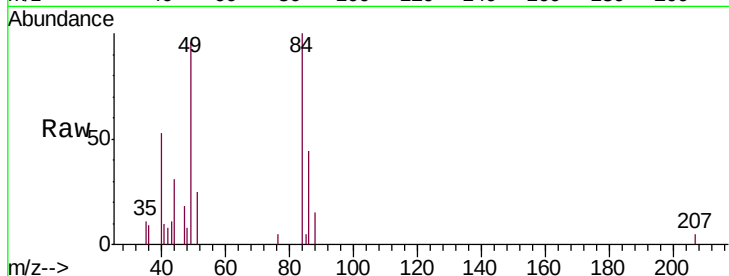




#16
Methylene chloride
Concen: 1.021 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031377.D
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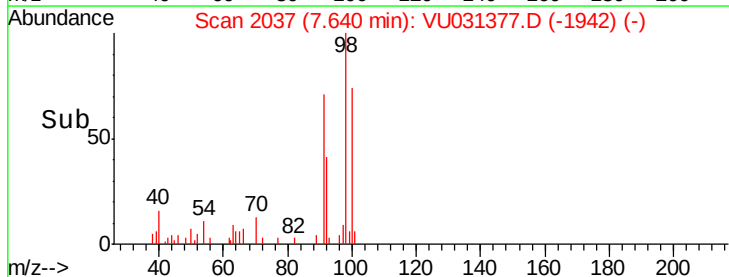
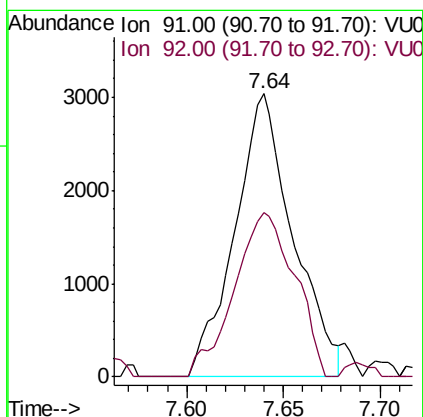
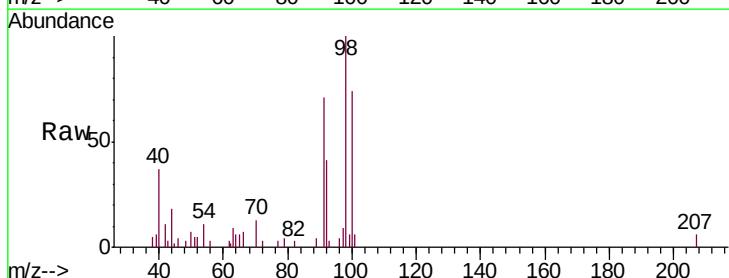
Instrument :
MSVOA_U
ClientSampleId :
GAHS2ME

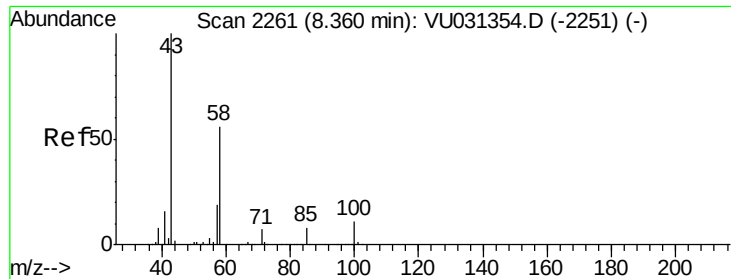
Tgt Ion: 84 Resp: 4443
Ion Ratio Lower Upper
84 100
86 44.1 44.0 81.8
49 95.9 88.0 163.4



#42
Toluene
Concen: 0.343 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031377.D
Acq: 19 Apr 2019 22:14

Tgt Ion: 91 Resp: 6359
Ion Ratio Lower Upper
91 100
92 58.0 40.1 74.5

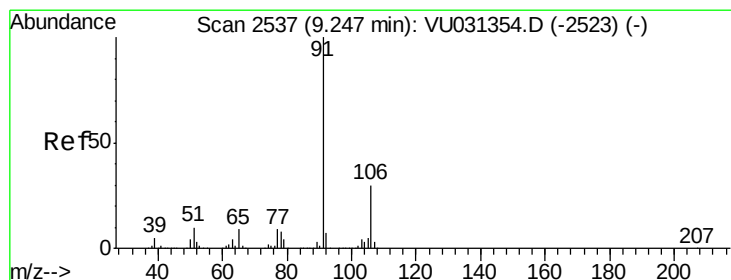
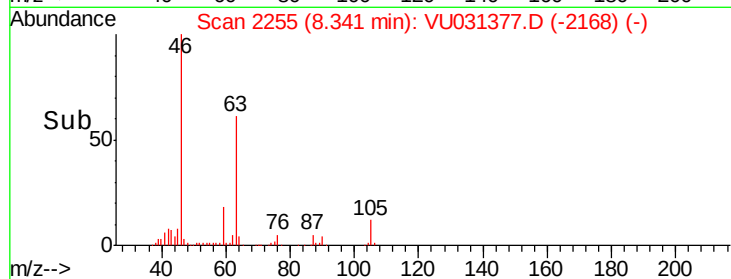
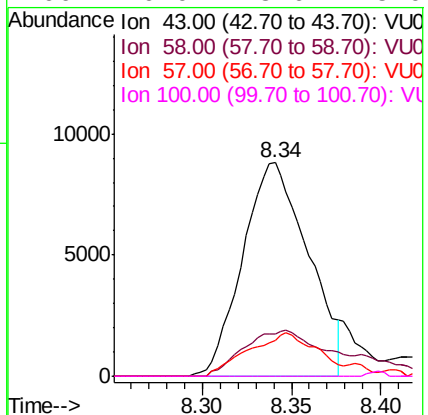
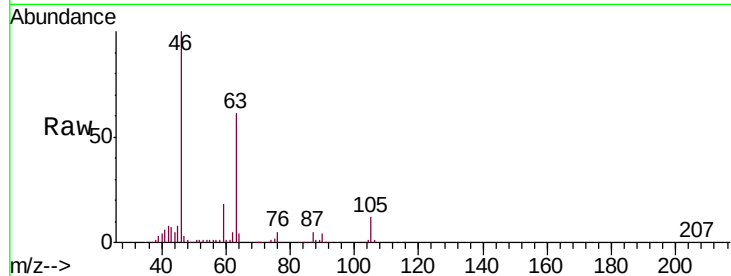




#48
2-Hexanone
Concen: 4.077 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VU031377.D
Acq: 19 Apr 2019 22:14

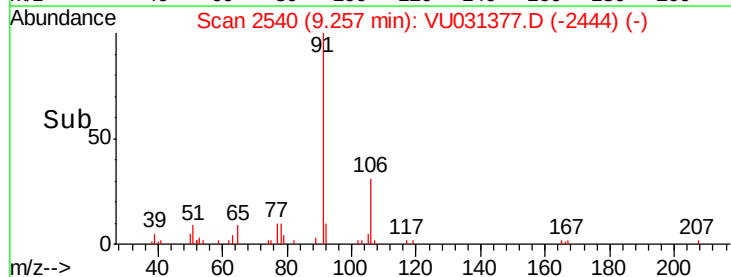
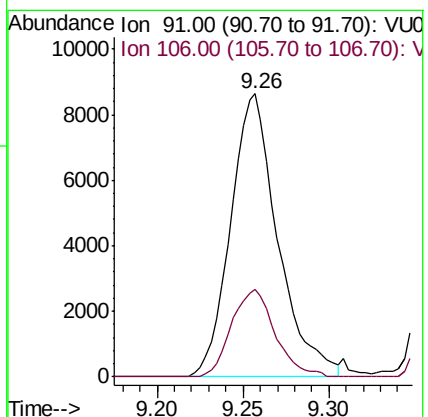
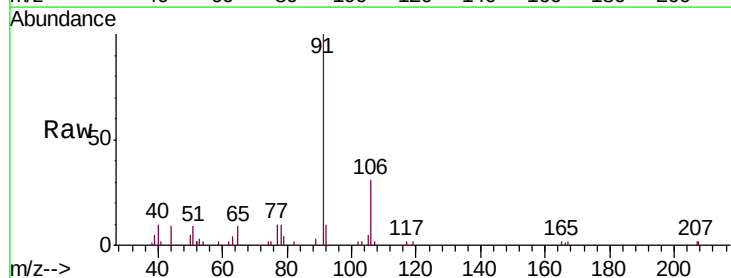
Instrument :
MSVOA_U
ClientSampleId :
GAHS2ME

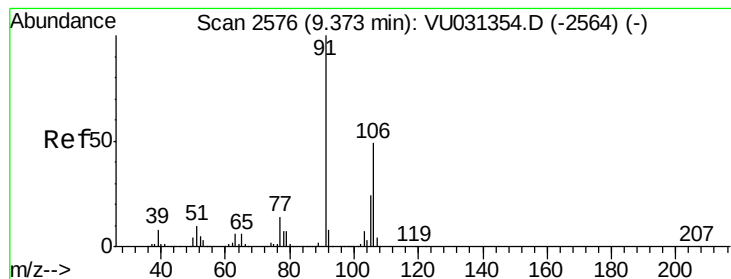
Tgt Ion: 43 Resp: 22570
Ion Ratio Lower Upper
43 100
58 11.0 44.9 67.3#
57 21.2 15.1 22.7
100 0.0 8.6 13.0#



#52
Ethylbenzene
Concen: 0.820 ug/L
RT: 9.26 min Scan# 2540
Delta R.T. 0.01 min
Lab File: VU031377.D
Acq: 19 Apr 2019 22:14

Tgt Ion: 91 Resp: 16546
Ion Ratio Lower Upper
91 100
106 30.9 20.9 38.7





#53

m,p-Xylene

Concen: 6.531 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031377.D

Acq: 19 Apr 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

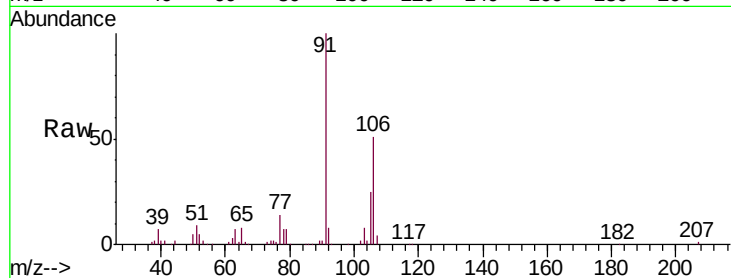
GAHS2ME

Tgt Ion:106 Resp: 46493

Ion Ratio Lower Upper

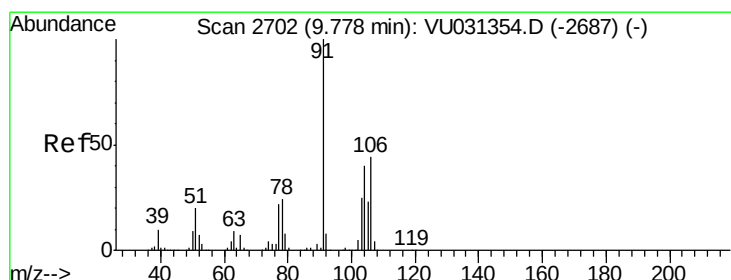
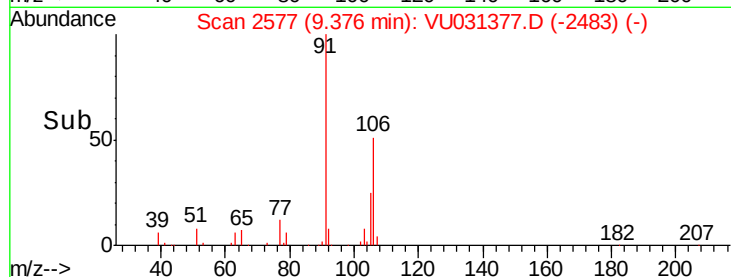
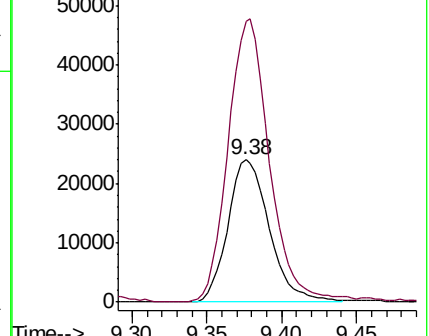
106 100

91 197.1 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 3.232 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU031377.D

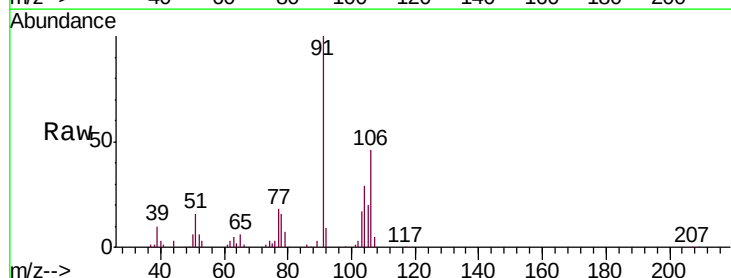
Acq: 19 Apr 2019 22:14

Tgt Ion:106 Resp: 23300

Ion Ratio Lower Upper

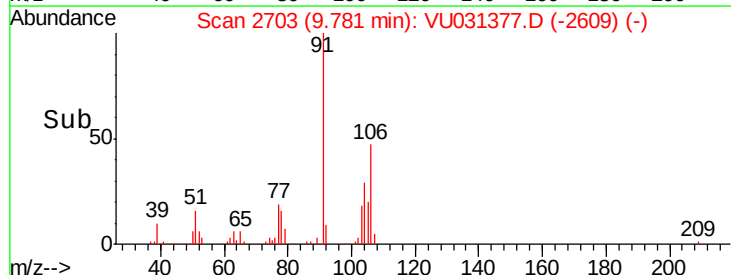
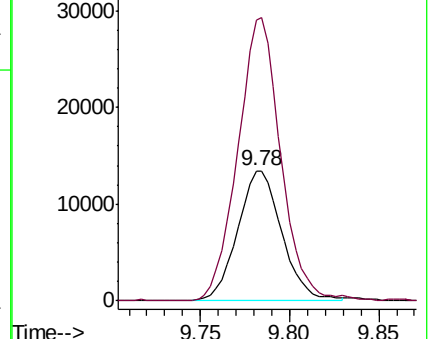
106 100

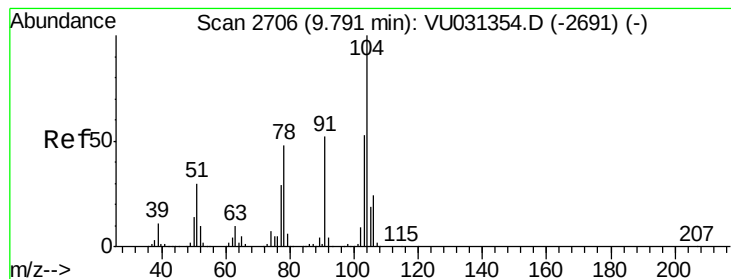
91 216.3 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Styrene

Concen: 4.803 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU031377.D

Acq: 19 Apr 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

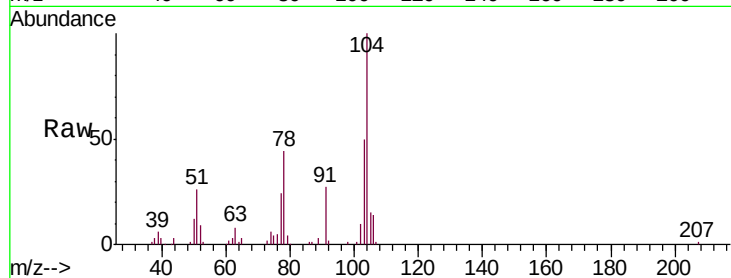
GAHS2ME

Tgt Ion:104 Resp: 58447

Ion Ratio Lower Upper

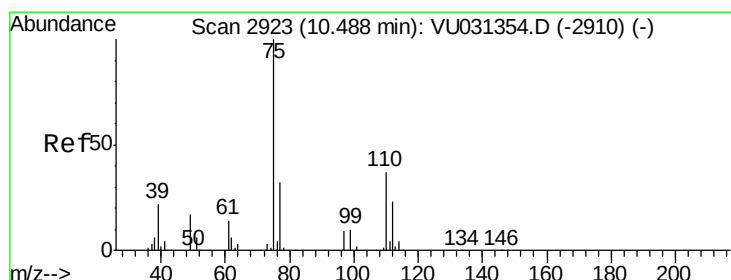
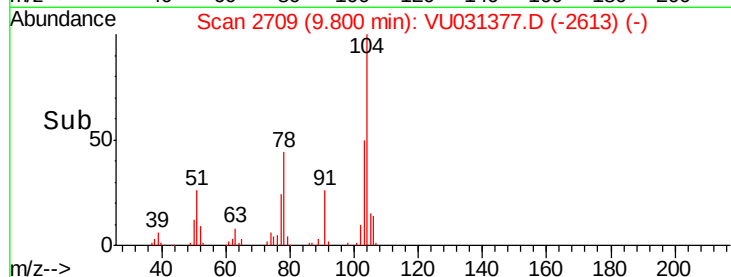
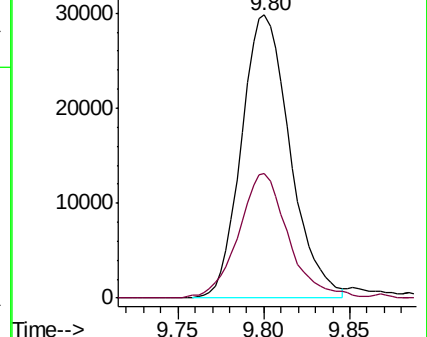
104 100

78 43.9 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): VU031354.D (-2691) (-)

Ion 78.00 (77.70 to 78.70): VU031354.D (-2691) (-)



#59

1,2,3-Trichloropropane

Concen: 5.272 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031377.D

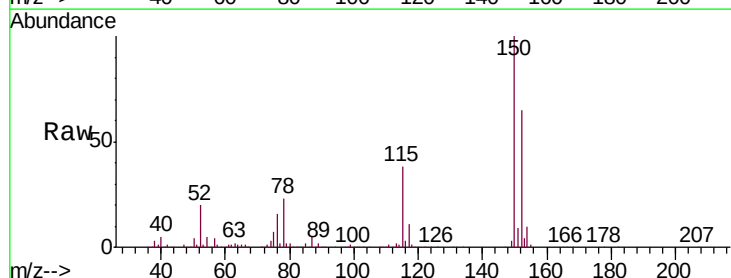
Acq: 19 Apr 2019 22:14

Tgt Ion: 75 Resp: 30936

Ion Ratio Lower Upper

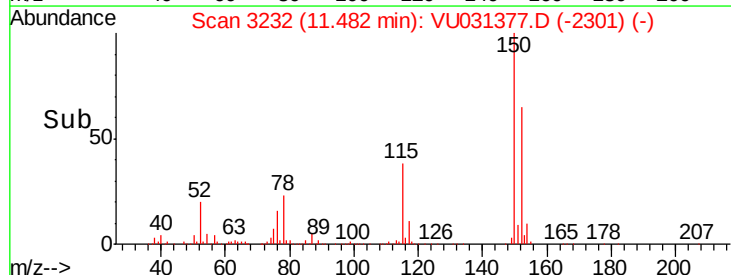
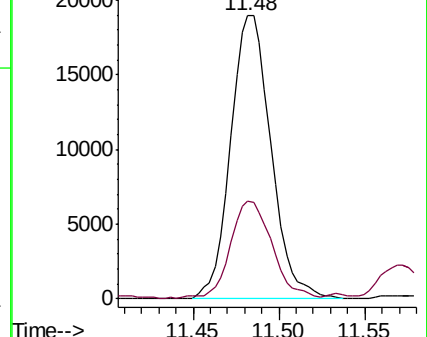
75 100

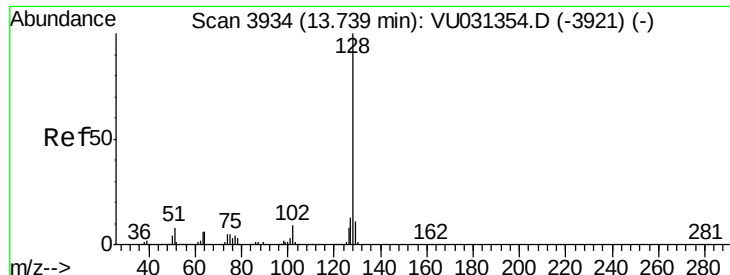
77 35.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU031354.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031354.D (-2910) (-)





#69

Naphthalene

Concen: 222.251 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

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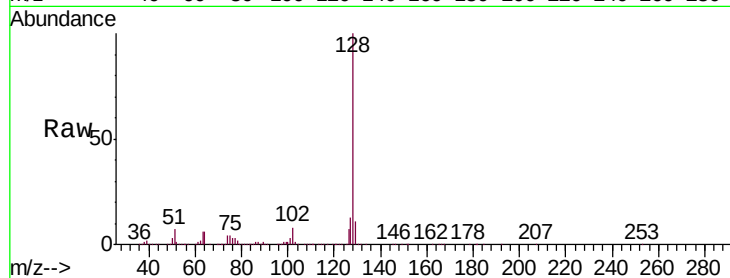
Tgt Ion:128 Resp: 3977994

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.2 12.2



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

