

Data File : VU031363.D
Acq On : 19 Apr 2019 16:48
Operator : JC/SP
Sample : K2455-03
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHQ5

Quant Time: Apr 19 23:16:02 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	680126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	680332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	329410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212683	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.92%
7) Chloroethane-d5	1.68	69	154066	28.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.66%#
11) 1,1-Dichloroethene-d2	2.24	63	329399	26.55	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.10%#
21) 2-Butanone-d5	4.21	46	367500	80.56	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.56%
24) Chloroform-d	4.64	84	392811	37.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.18%
26) 1,2-Dichloroethane-d4	5.31	65	255312	39.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.34%
32) Benzene-d6	5.33	84	839738	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.08%
36) 1,2-Dichloropropane-d6	6.33	67	260483	37.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.64%
41) Toluene-d8	7.56	98	724370	38.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.54%#
43) trans-1,3-Dichloropropene-	7.85	79	122771	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.60%
47) 2-Hexanone-d5	8.34	63	333657	101.26	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	376355	38.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	288688	38.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.42%#

Target Compounds

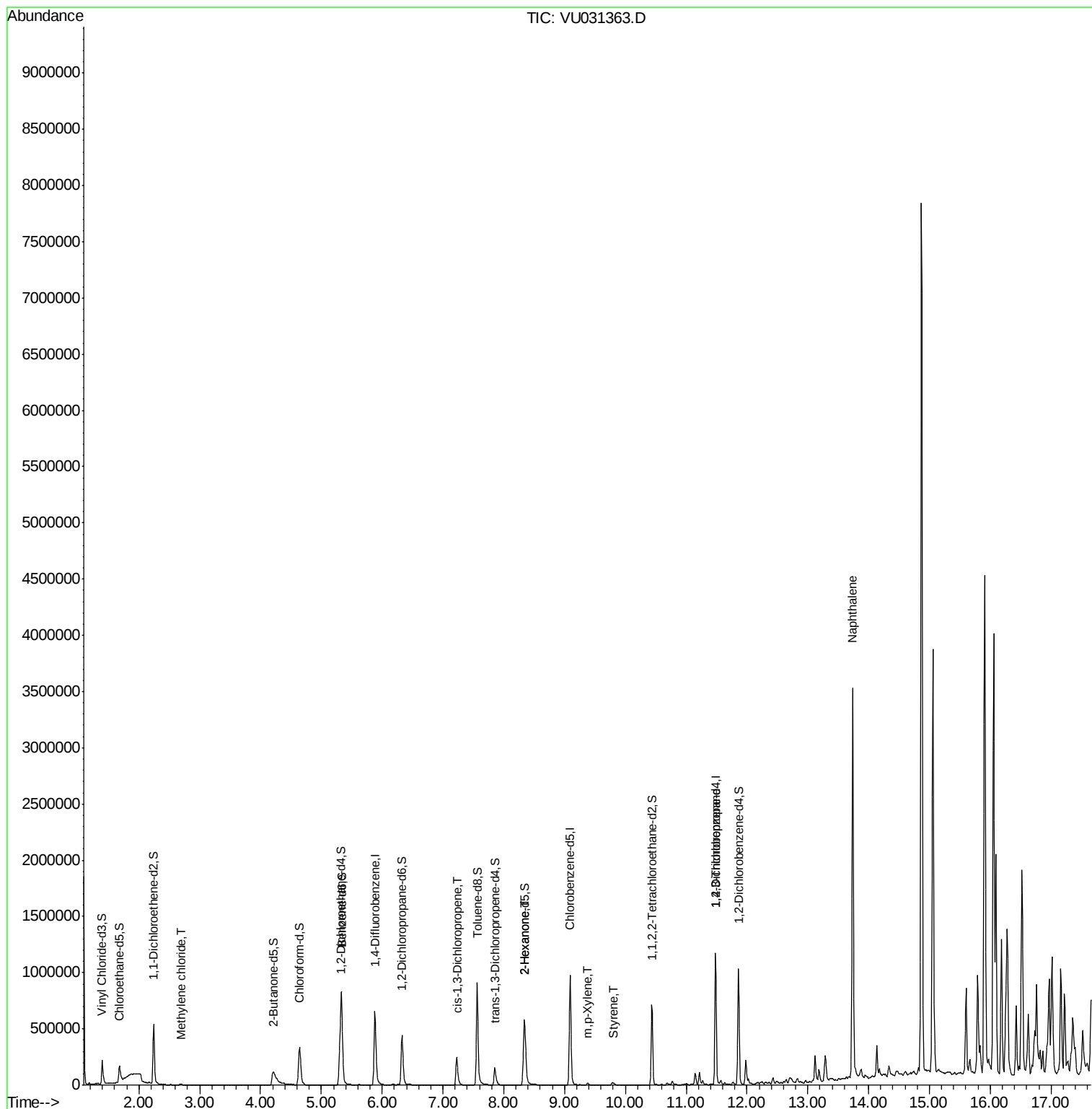
						Qvalue
16) Methylene chloride	2.69	84	3043	0.587	ug/L	95
39) cis-1,3-Dichloropropene	7.23	75	6168	0.679	ug/L #	62
48) 2-Hexanone	8.34	43	33944	4.992	ug/L #	71
53) m,p-Xylene	9.38	106	5880	0.672	ug/L	87
55) Styrene	9.81	104	9544	0.638	ug/L	91
59) 1,2,3-Trichloropropane	11.49	75	37151	5.154	ug/L	97
69) Naphthalene	13.74	128	2827928	136.509	ug/L	99

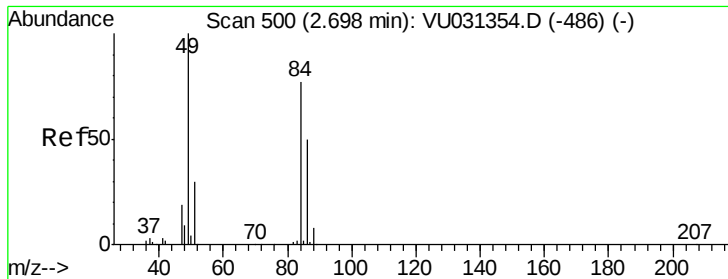
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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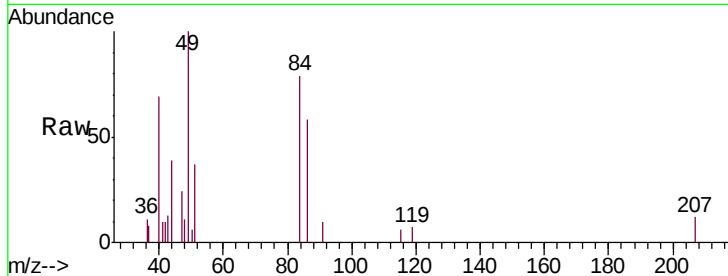




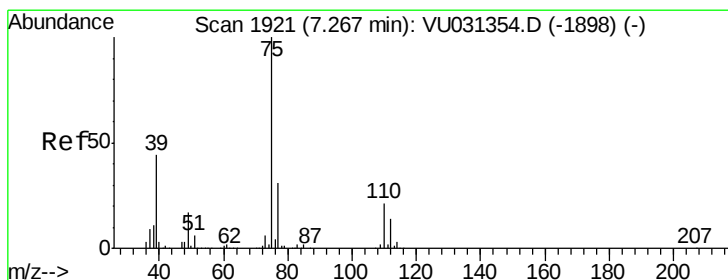
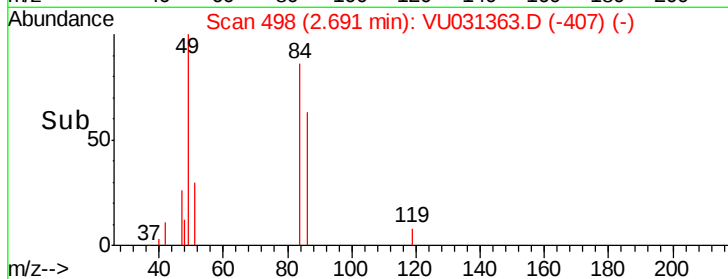
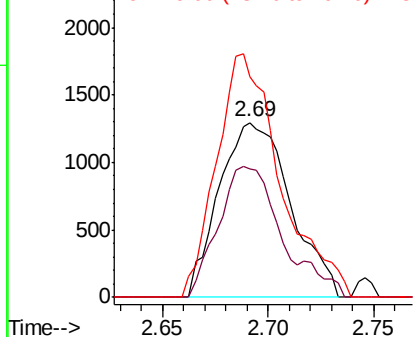
#16
Methylene chloride
Concen: 0.587 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
GAHQ5

Tgt Ion: 84 Resp: 3043
Ion Ratio Lower Upper
84 100
86 73.3 44.0 81.8
49 126.0 88.0 163.4

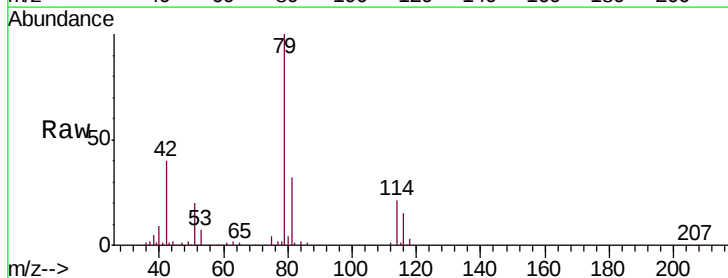


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

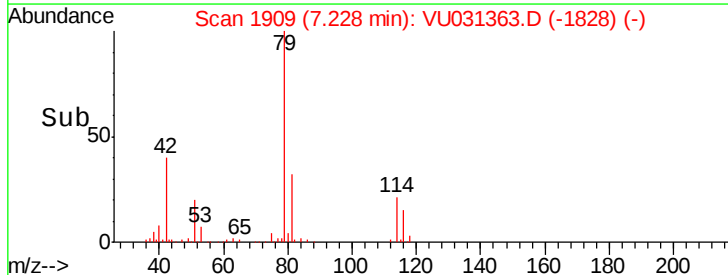
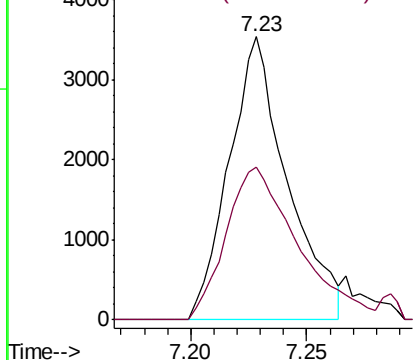


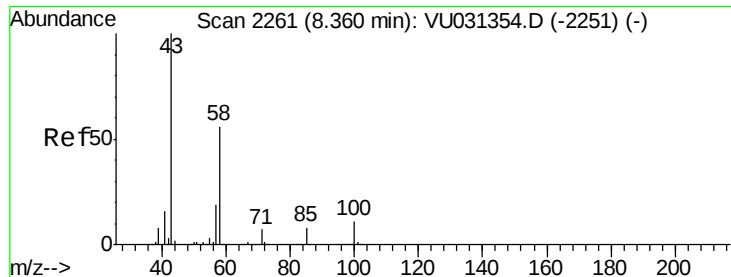
#39
cis-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU031363.D
Acq: 19 Apr 2019 16:48

Tgt Ion: 75 Resp: 6168
Ion Ratio Lower Upper
75 100
77 53.9 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 4.992 ug/L

RT: 8.34 min Scan# 2255

Delta R.T. -0.02 min

Lab File: VU031363.D

Acq: 19 Apr 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

GAHQ5

Tgt Ion: 43 Resp: 33944

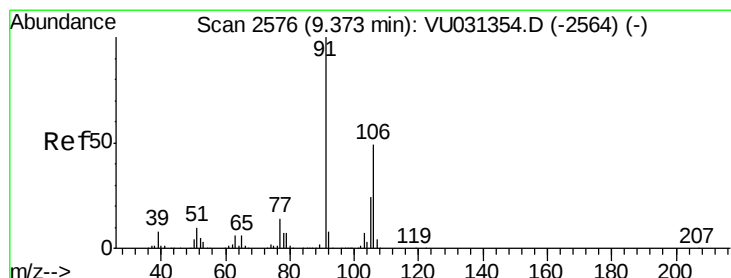
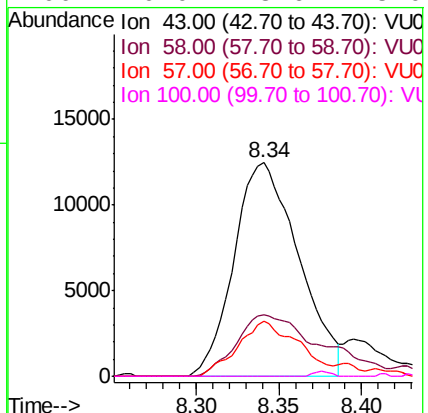
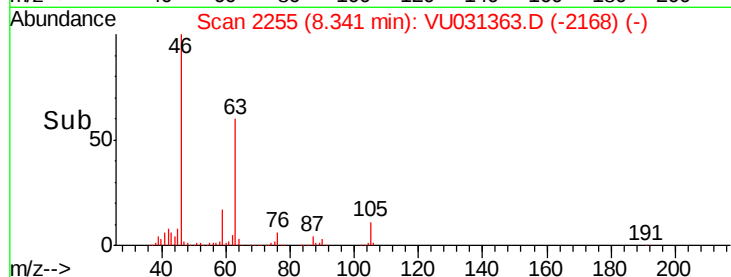
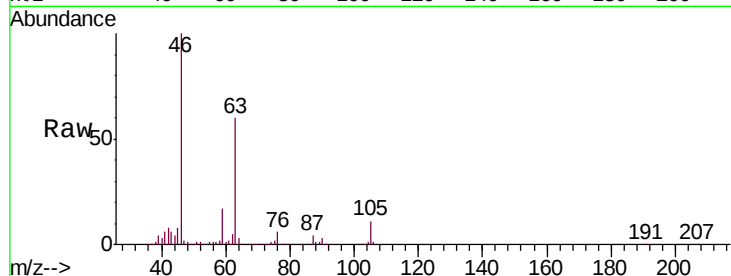
Ion Ratio Lower Upper

43 100

58 30.7 44.9 67.3#

57 24.1 15.1 22.7#

100 0.0 8.6 13.0#



#53

m,p-Xylene

Concen: 0.672 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031363.D

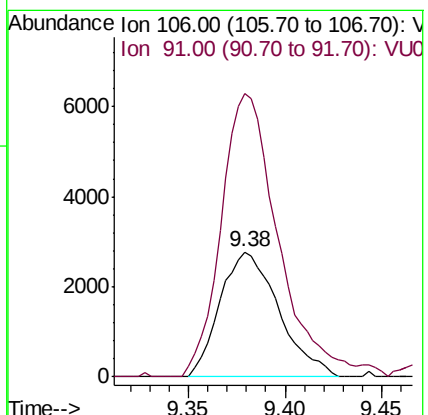
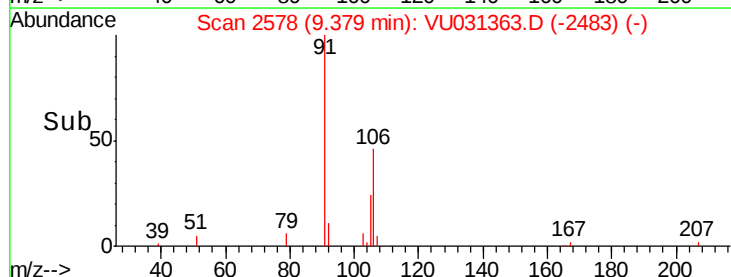
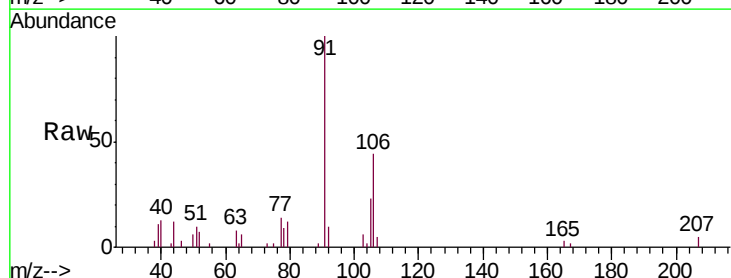
Acq: 19 Apr 2019 16:48

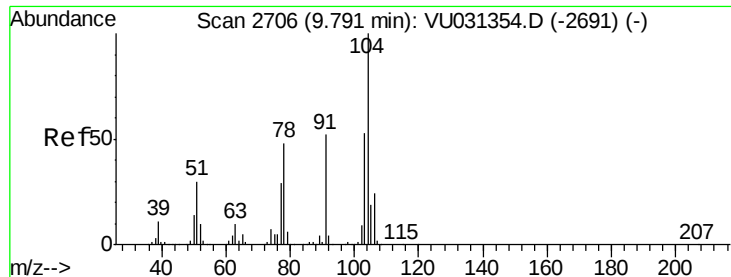
Tgt Ion: 106 Resp: 5880

Ion Ratio Lower Upper

106 100

91 227.1 144.5 268.4





#55

Styrene

Concen: 0.638 ug/L

RT: 9.81 min Scan# 2711

Delta R.T. 0.02 min

Lab File: VU031363.D

Acq: 19 Apr 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

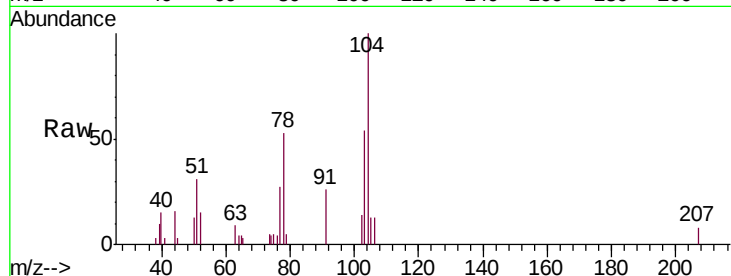
GAHQ5

Tgt Ion:104 Resp: 9544

Ion Ratio Lower Upper

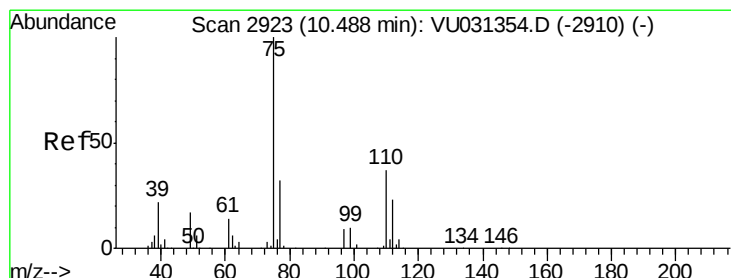
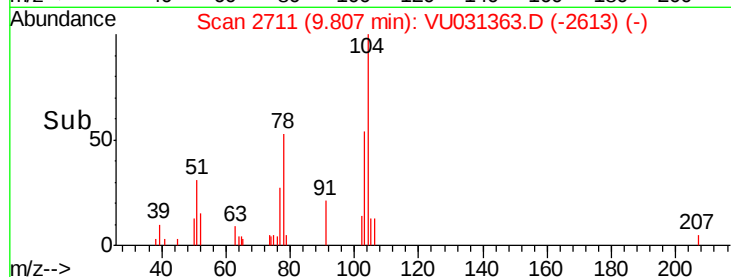
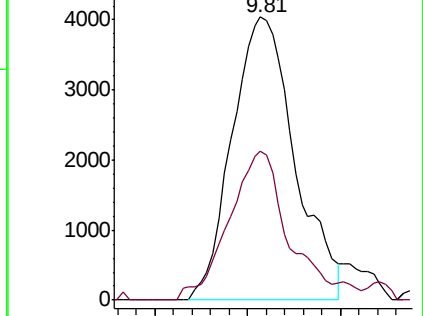
104 100

78 52.6 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): VU031363.D (-2613) (-)

Ion 78.00 (77.70 to 78.70): VU031363.D (-2613) (-)



#59

1,2,3-Trichloropropane

Concen: 5.154 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU031363.D

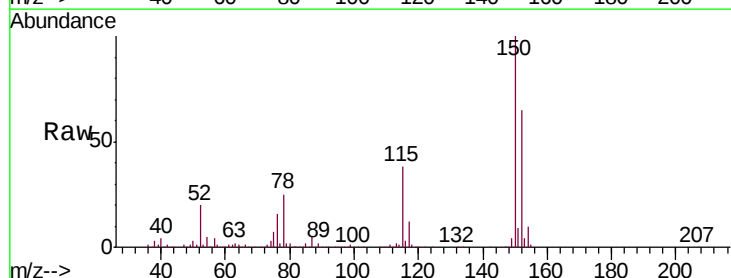
Acq: 19 Apr 2019 16:48

Tgt Ion: 75 Resp: 37151

Ion Ratio Lower Upper

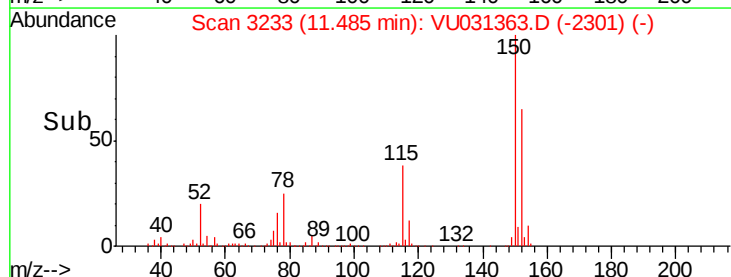
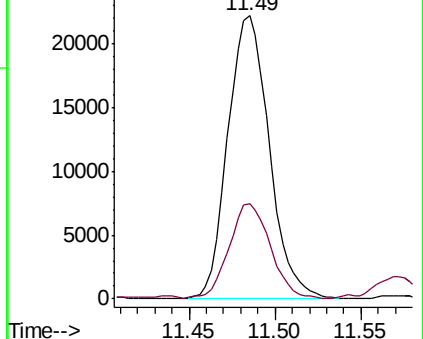
75 100

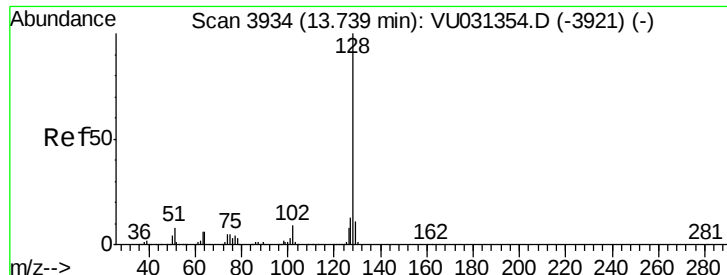
77 33.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU031363.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU031363.D (-2301) (-)





#69

Naphthalene

Concen: 136.509 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU031363.D

Acq: 19 Apr 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

GAHQ5

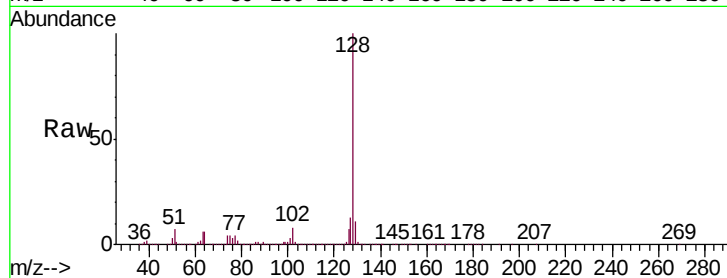
Tgt Ion:128 Resp: 2827928

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 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

