

Data File : VU031657.D
Acq On : 01 May 2019 01:02
Operator : JC/SP
Sample : K2604-04 5X
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ78

Quant Time: May 01 04:45:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	797824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	776613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	369313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	285800	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.60%
7) Chloroethane-d5	1.68	69	211375	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.92%
11) 1,1-Dichloroethene-d2	2.26	63	438272	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.19	46	594295	98.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.23%
24) Chloroform-d	4.64	84	511446	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.64%
26) 1,2-Dichloroethane-d4	5.31	65	358755	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
32) Benzene-d6	5.33	84	1014497	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
36) 1,2-Dichloropropane-d6	6.33	67	359671	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.74%
41) Toluene-d8	7.56	98	809182	38.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.92%#
43) trans-1,3-Dichloropropene-	7.85	79	141860	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
47) 2-Hexanone-d5	8.32	63	346272	95.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	476988	42.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	302755	38.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.96%#

Target Compounds

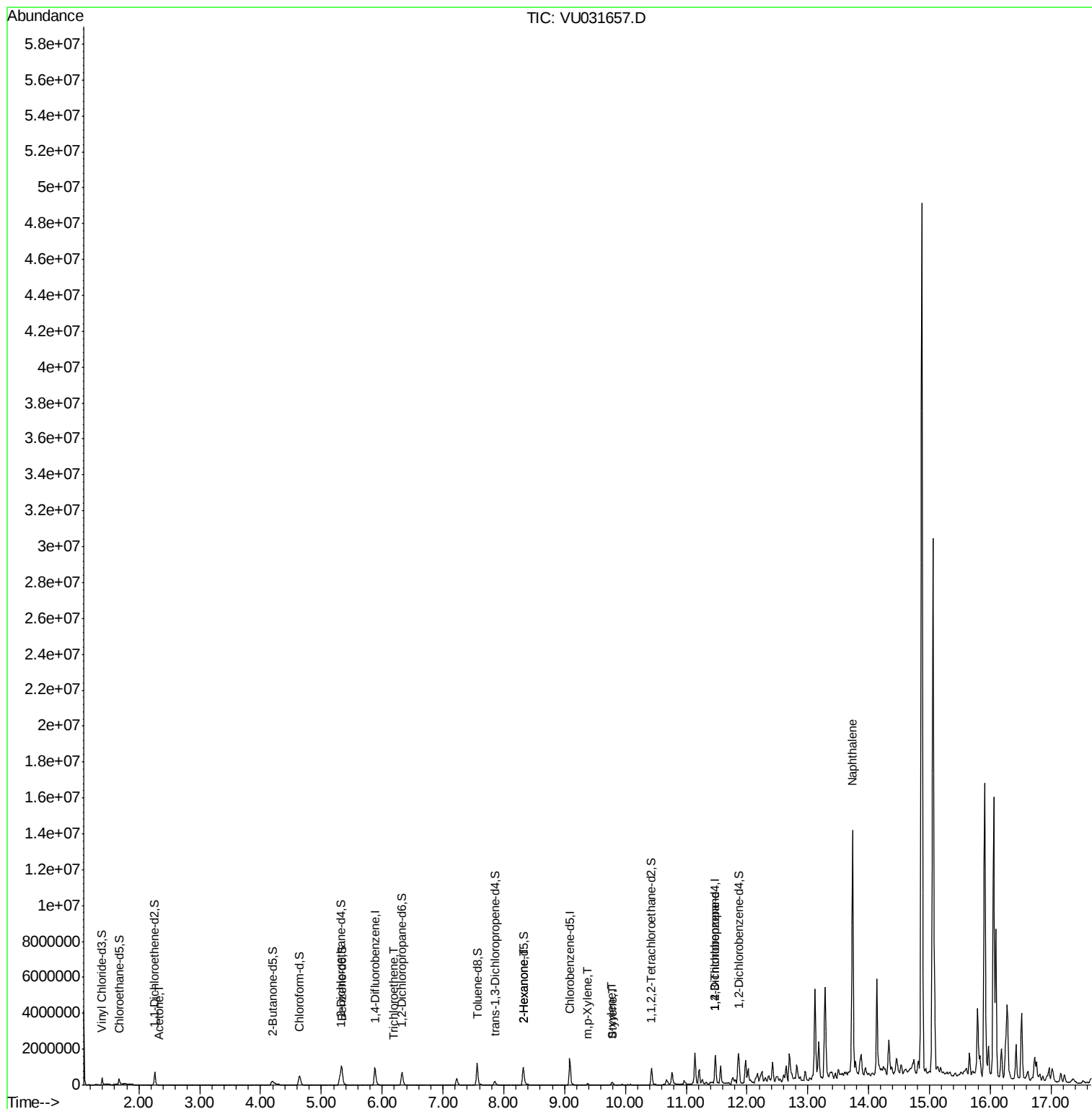
						Qvalue
13) Acetone	2.34	43	4348	0.638	ug/L	82
34) Trichloroethene	6.19	95	5476	0.791	ug/L	87
48) 2-Hexanone	8.32	43	50524	5.009	ug/L #	69
53) m,p-Xylene	9.37	106	20364	1.981	ug/L	97
54) o-xylene	9.78	106	28022	2.750	ug/L	96
55) Styrene	9.80	104	19023	1.093	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	53762	5.594	ug/L	91
69) Naphthalene	13.74	128	9556588	386.678	ug/L	100

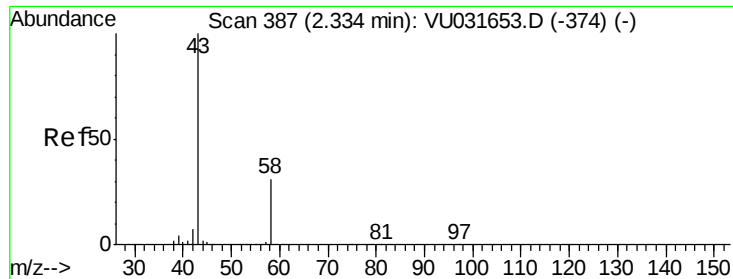
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031657.D
Acq On : 01 May 2019 01:02
Operator : JC/SP
Sample : K2604-04 5X
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ78

Quant Time: May 01 04:45:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.638 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU031657.D

Acq: 01 May 2019 01:02

Instrument :

MSVOA_U

ClientSampleId :

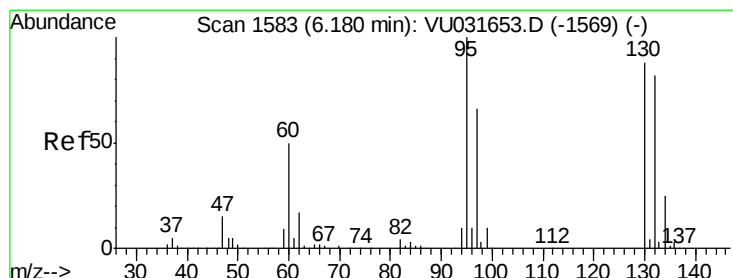
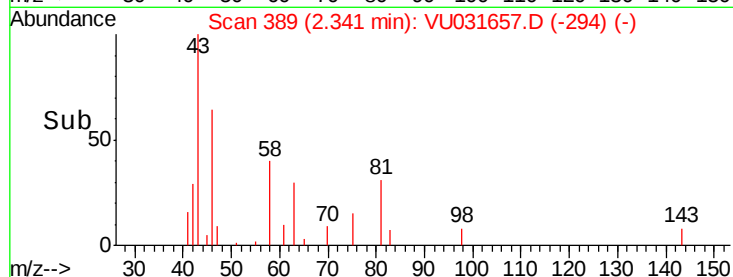
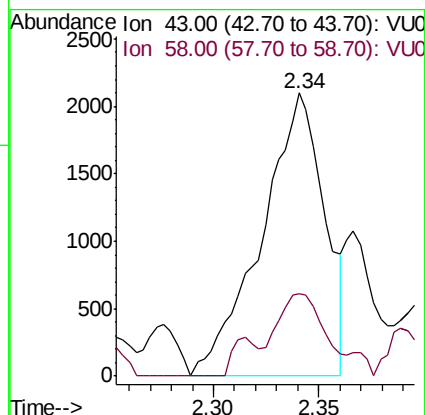
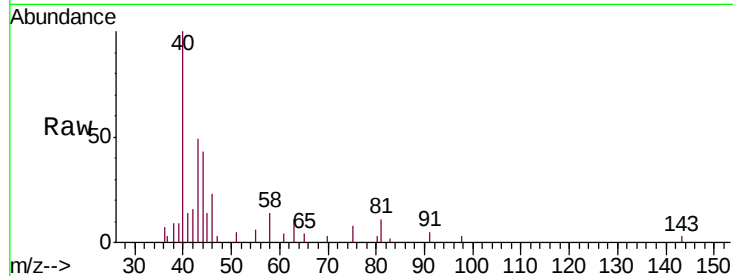
GAJ78

Tgt Ion: 43 Resp: 4348

Ion Ratio Lower Upper

43 100

58 22.4 0.0 64.4



#34

Trichloroethene

Concen: 0.791 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031657.D

Acq: 01 May 2019 01:02

Tgt Ion: 95 Resp: 5476

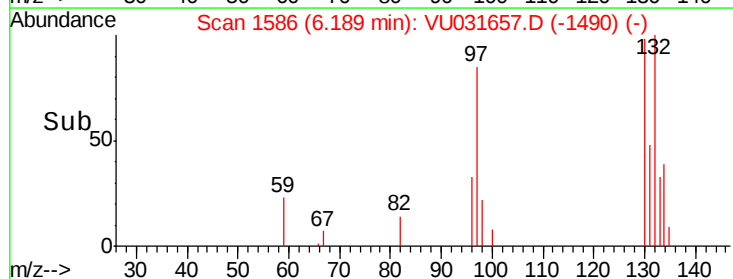
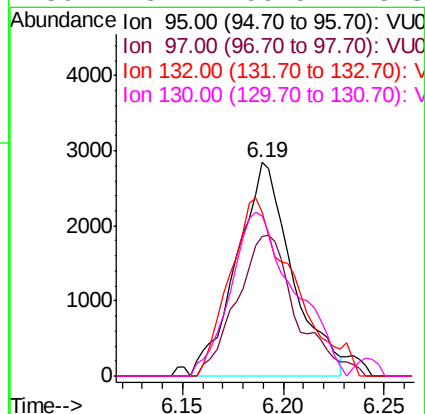
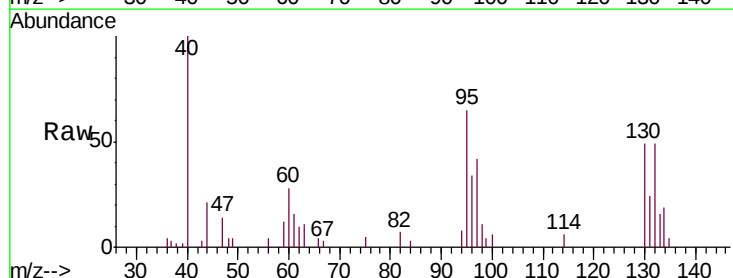
Ion Ratio Lower Upper

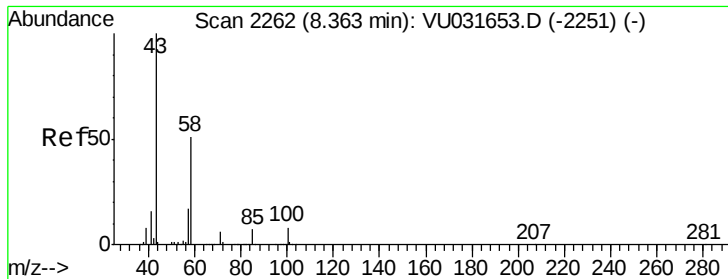
95 100

97 65.2 44.8 83.2

132 76.5 63.1 117.1

130 75.2 66.5 123.5

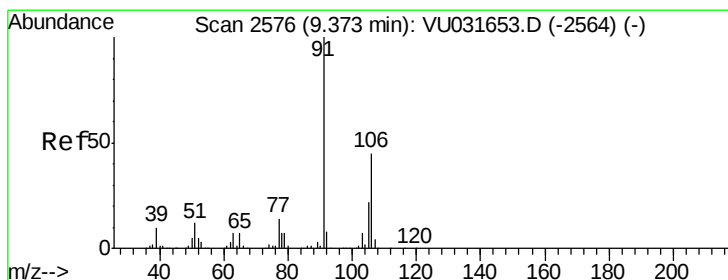
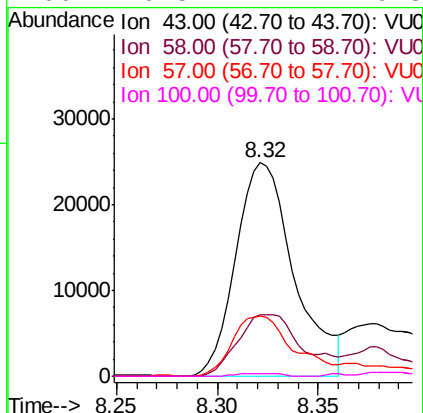
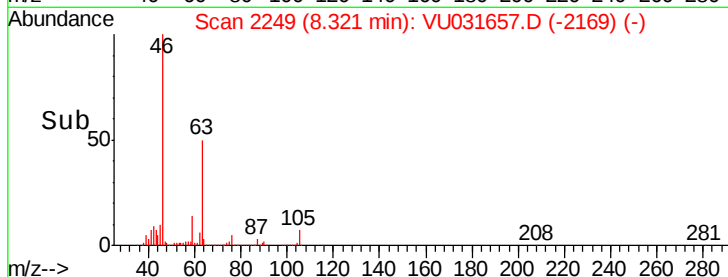
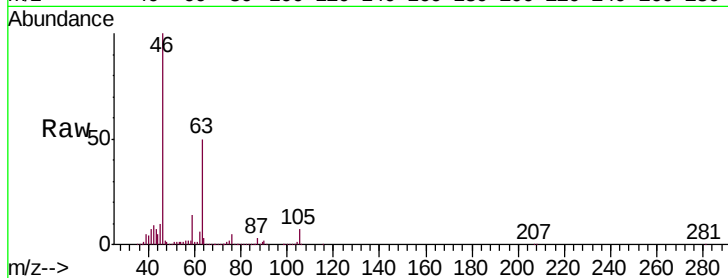




#48
2-Hexanone
Concen: 5.009 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU031657.D
Acq: 01 May 2019 01:02

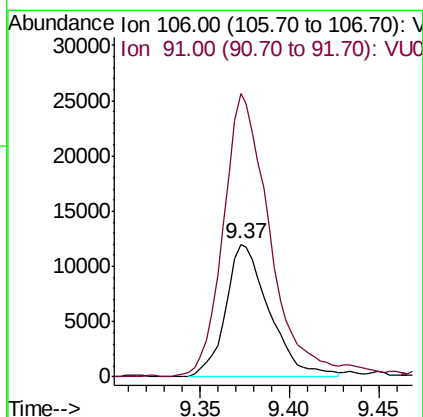
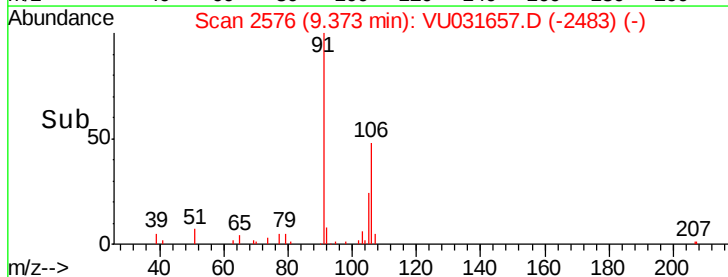
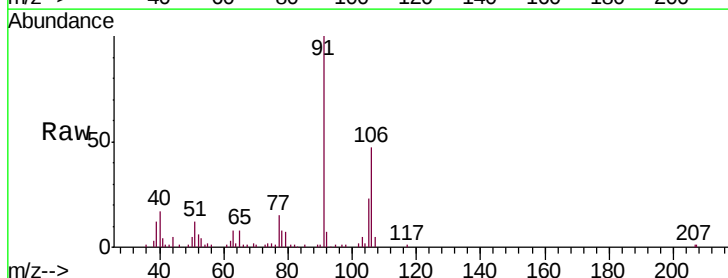
Instrument :
MSVOA_U
ClientSampleId :
GAJ78

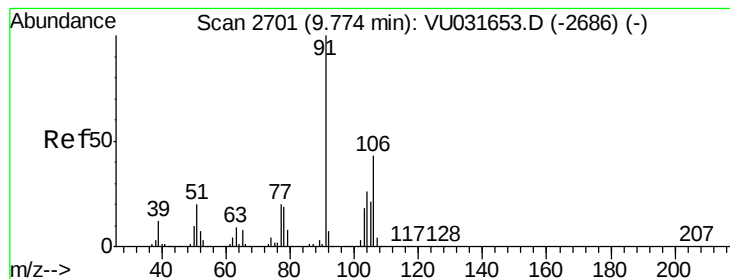
Tgt Ion:	43	Resp:	50524
Ion	Ratio	Lower	Upper
43	100		
58	28.5	42.1	63.1#
57	29.5	14.6	22.0#
100	0.5	7.2	10.8#



#53
m,p-Xylene
Concen: 1.981 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031657.D
Acq: 01 May 2019 01:02

Tgt Ion:	106	Resp:	20364
Ion	Ratio	Lower	Upper
106	100		
91	213.1	152.2	282.6





#54

o-xylene

Concen: 2.750 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031657.D

Acq: 01 May 2019 01:02

Instrument :

MSVOA_U

ClientSampleId :

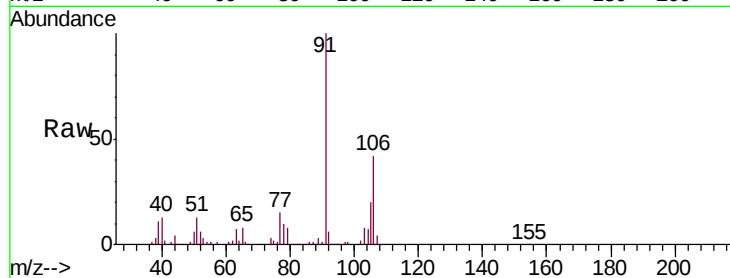
GAJ78

Tgt Ion:106 Resp: 28022

Ion Ratio Lower Upper

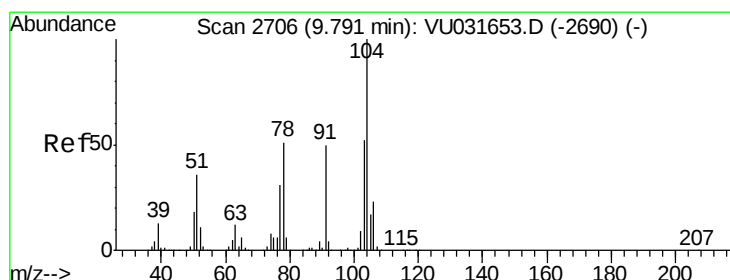
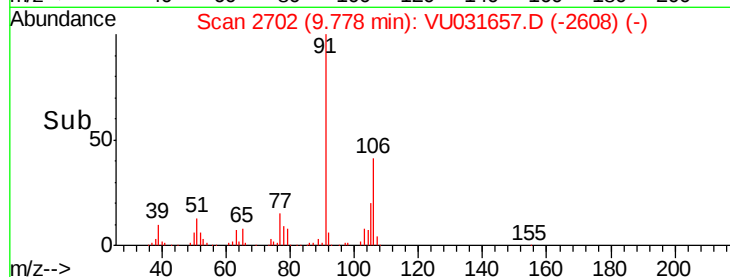
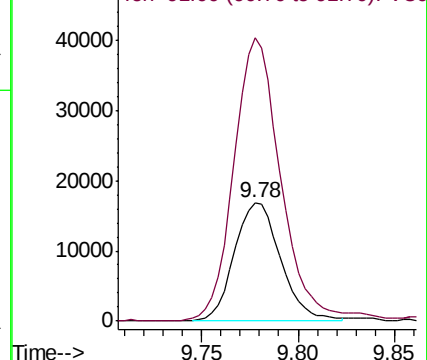
106 100

91 239.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 1.093 ug/L

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU031657.D

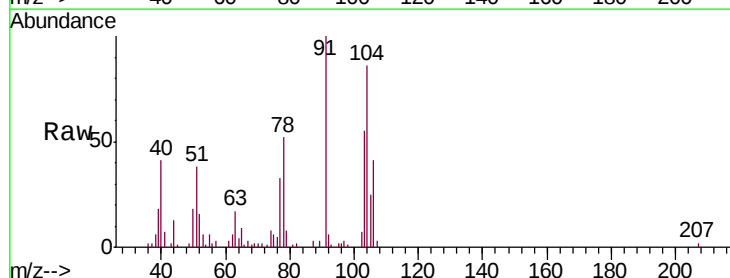
Acq: 01 May 2019 01:02

Tgt Ion:104 Resp: 19023

Ion Ratio Lower Upper

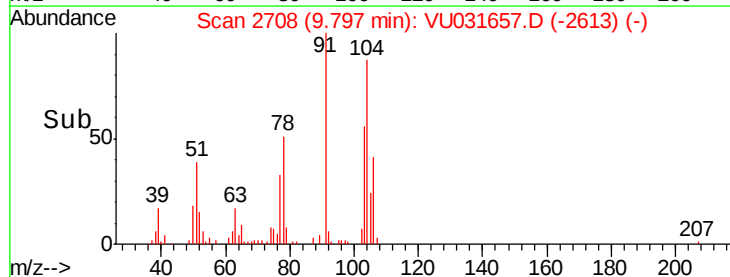
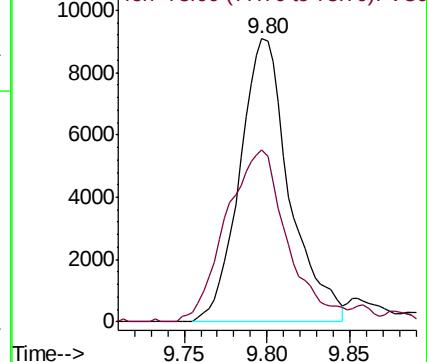
104 100

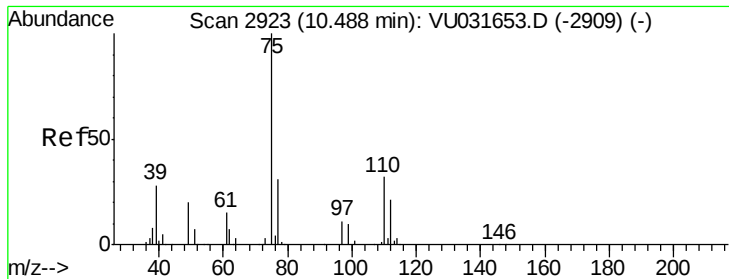
78 60.9 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.594 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031657.D

Acq: 01 May 2019 01:02

Instrument :

MSVOA_U

ClientSampled :

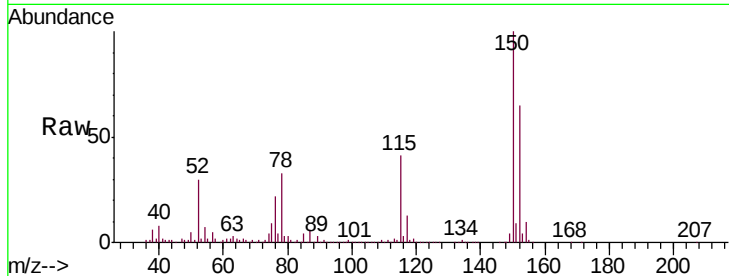
GAJ78

Tgt Ion: 75 Resp: 53762

Ion Ratio Lower Upper

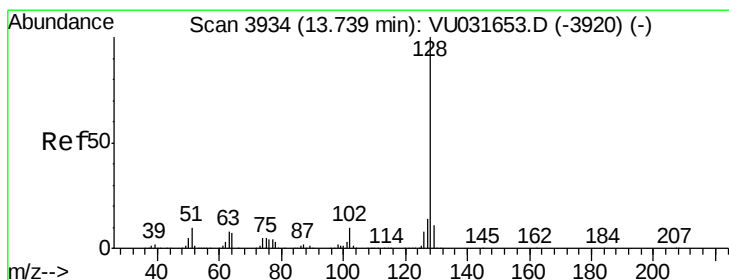
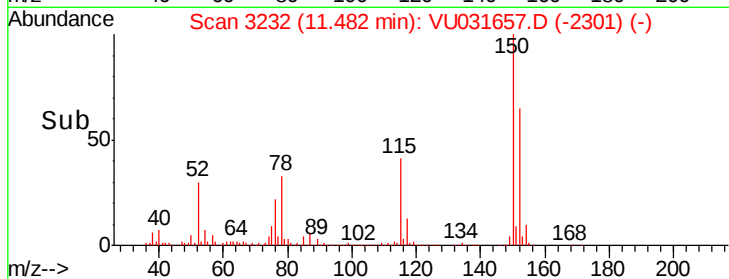
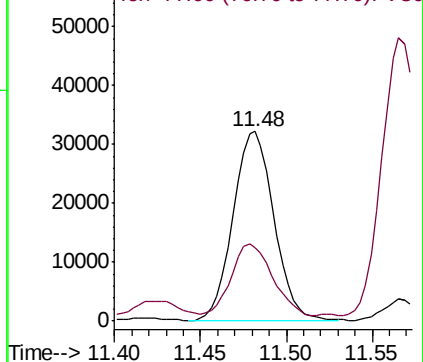
75 100

77 37.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031657.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031657.D (-2909) (-)



#69

Naphthalene

Concen: 386.678 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU031657.D

Acq: 01 May 2019 01:02

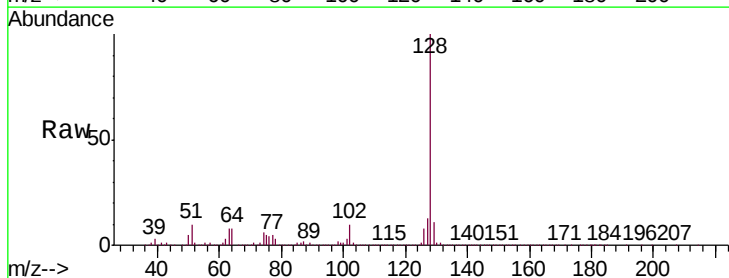
Tgt Ion: 128 Resp: 9556588

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VU031657.D (-3920) (-)

Ion 127.00 (126.70 to 127.70): VU031657.D (-3920) (-)

Ion 129.00 (128.70 to 129.70): VU031657.D (-3920) (-)

