

Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ84

Quant Time: May 01 04:46:04 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	880563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	838861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	352826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	293726	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.68	69	186287	32.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.42%#
11) 1,1-Dichloroethene-d2	2.42	63	139	0.01	ug/L	0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.21	46	561723	84.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.13%
24) Chloroform-d	4.64	84	524110	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
26) 1,2-Dichloroethane-d4	5.31	65	373750	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
32) Benzene-d6	5.33	84	1057608	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
36) 1,2-Dichloropropane-d6	6.32	67	380732	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.02%
41) Toluene-d8	7.56	98	898189	40.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.06%
43) trans-1,3-Dichloropropene-	7.86	79	152584	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
47) 2-Hexanone-d5	8.34	63	385060	98.16	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	470199	38.66	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	298227	40.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.38%

Target Compounds

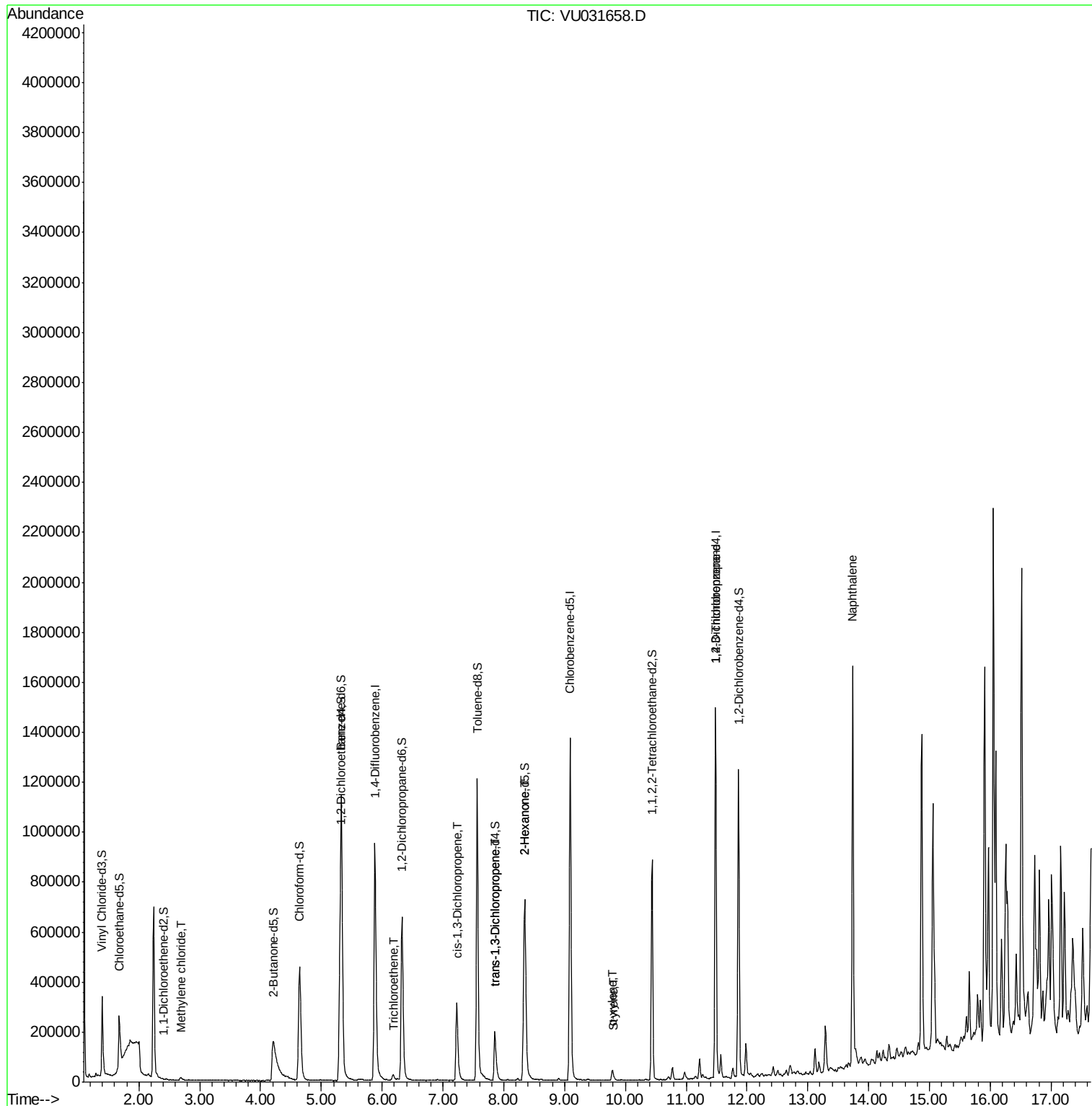
						Qvalue
16) Methylene chloride	2.69	84	5792	0.714	ug/L	94
34) Trichloroethene	6.18	95	6147	0.822	ug/L	80
39) cis-1,3-Dichloropropene	7.23	75	8731	0.755	ug/L #	61
44) trans-1,3-Dichloropropene	7.86	75	6282	0.599	ug/L	100
48) 2-Hexanone	8.35	43	50946	4.676	ug/L #	68
54) o-xylene	9.79	106	11248	1.022	ug/L	74
55) Styrene	9.81	104	8152	0.433	ug/L	86
59) 1,2,3-Trichloropropane	11.49	75	53324	5.137	ug/L	94
69) Naphthalene	13.74	128	1203710	50.980	ug/L	100

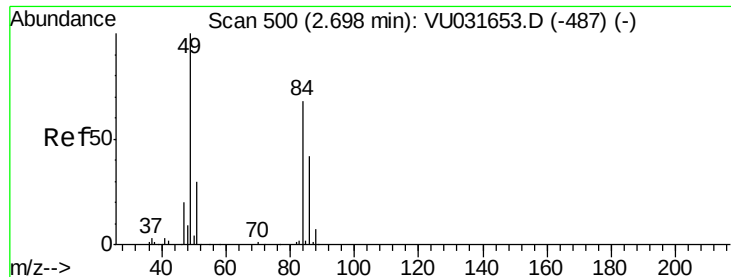
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ84

Quant Time: May 01 04:46:04 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

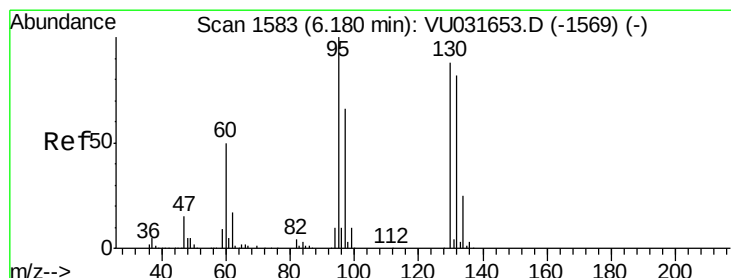
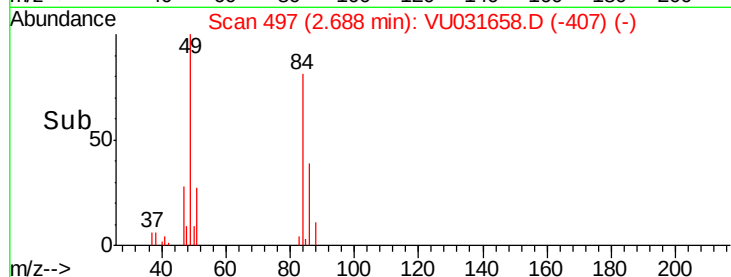
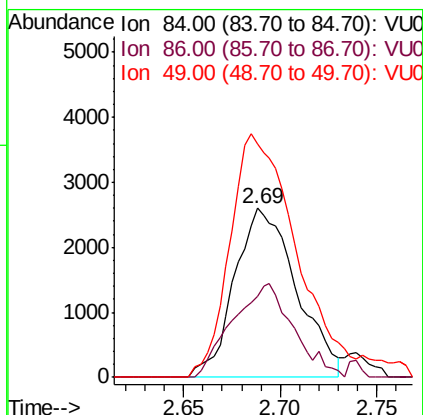
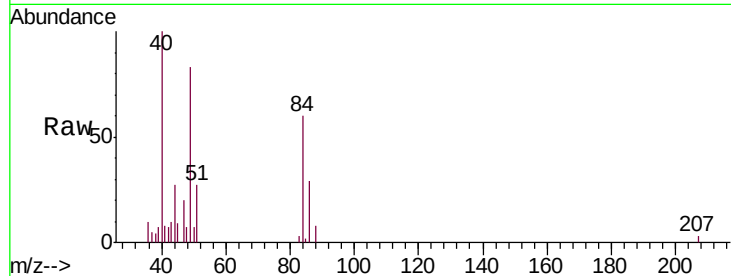




#16
Methylene chloride
Concen: 0.714 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

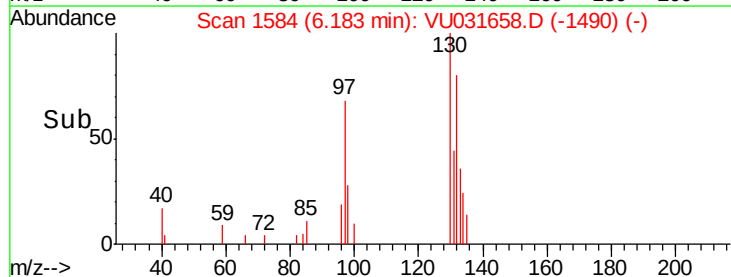
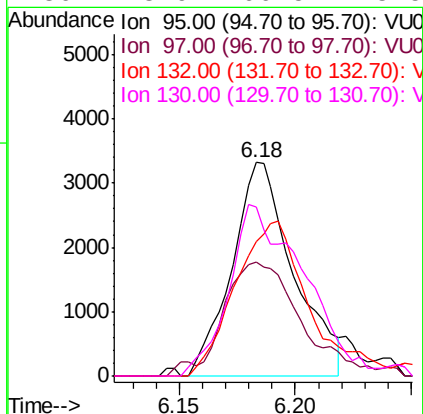
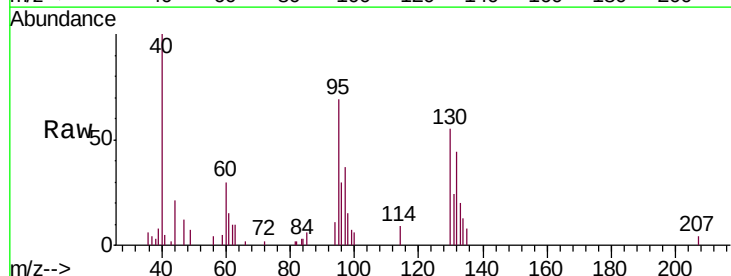
Instrument :
MSVOA_U
ClientSampleId :
GAJ84

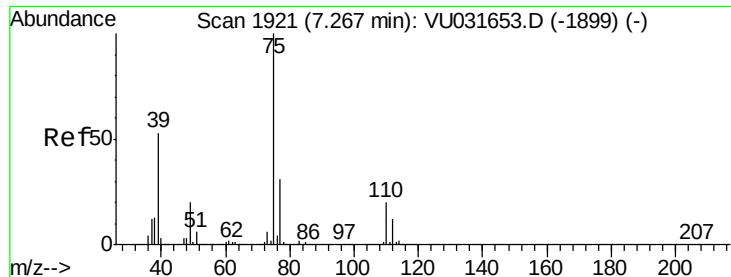
Tgt Ion: 84 Resp: 5792
Ion Ratio Lower Upper
84 100
86 48.1 44.7 83.1
49 137.7 96.5 179.3



#34
Trichloroethene
Concen: 0.822 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

Tgt Ion: 95 Resp: 6147
Ion Ratio Lower Upper
95 100
97 53.5 44.8 83.2
132 63.1 63.1 117.1
130 78.9 66.5 123.5





#39

cis-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031658.D

Acq: 01 May 2019 01:25

Instrument :

MSVOA_U

ClientSampleId :

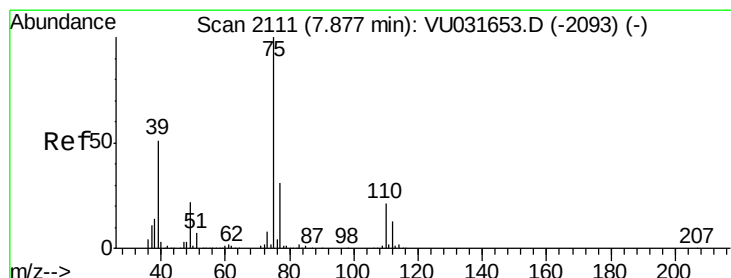
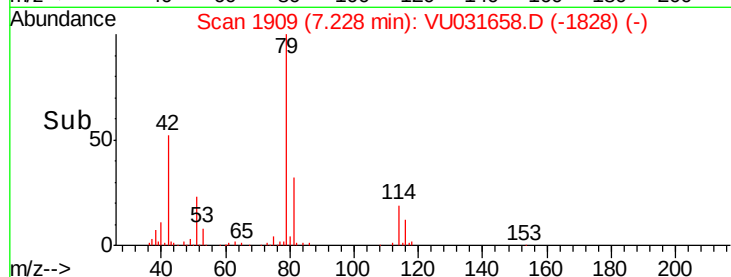
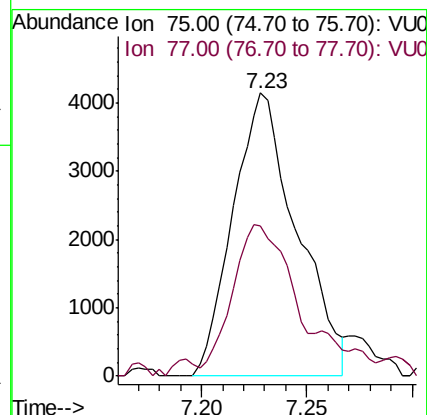
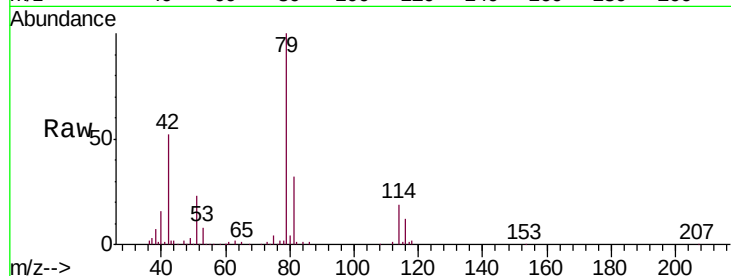
GAJ84

Tgt Ion: 75 Resp: 8731

Ion Ratio Lower Upper

75 100

77 53.1 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU031658.D

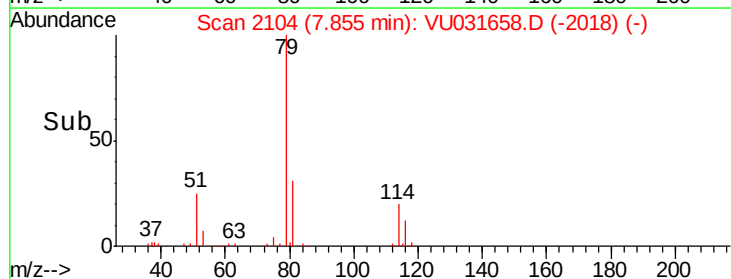
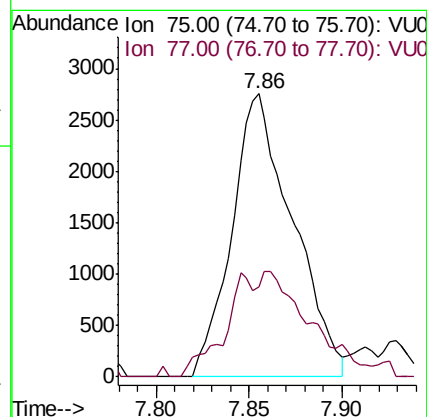
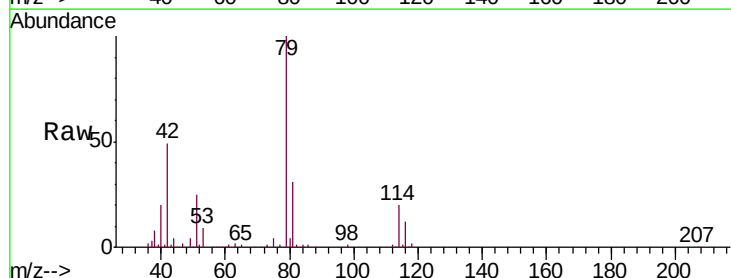
Acq: 01 May 2019 01:25

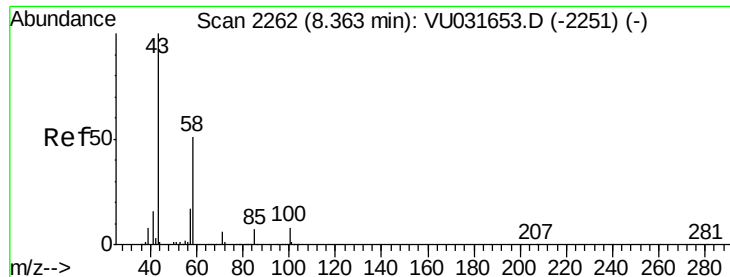
Tgt Ion: 75 Resp: 6282

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1

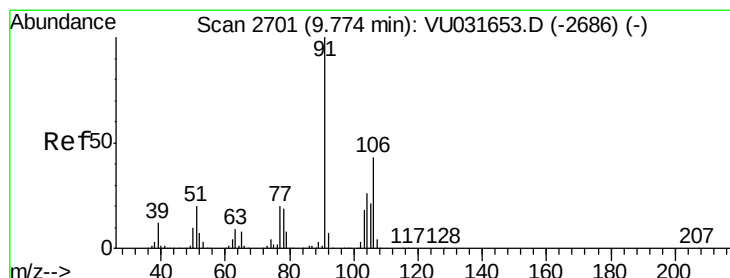
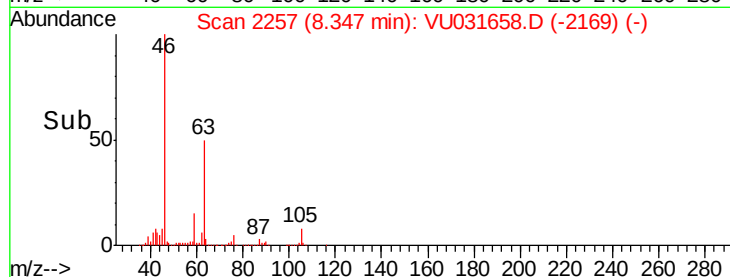
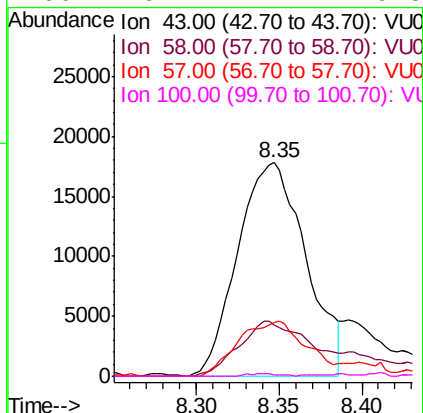
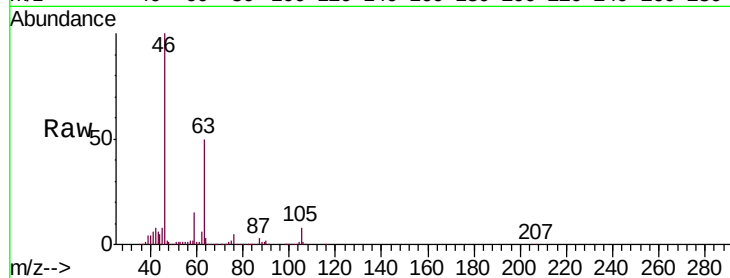




#48
2-Hexanone
Concen: 4.676 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.02 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

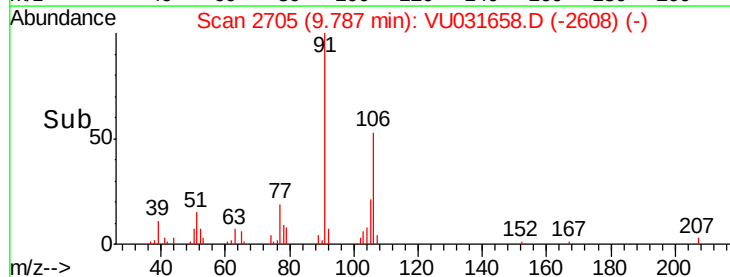
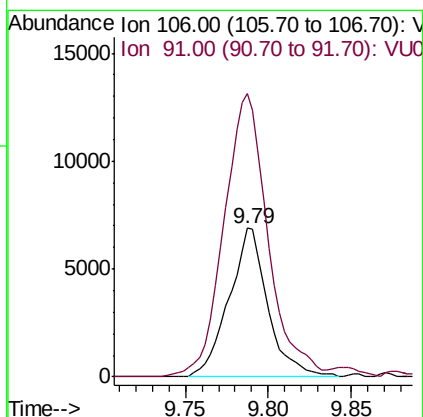
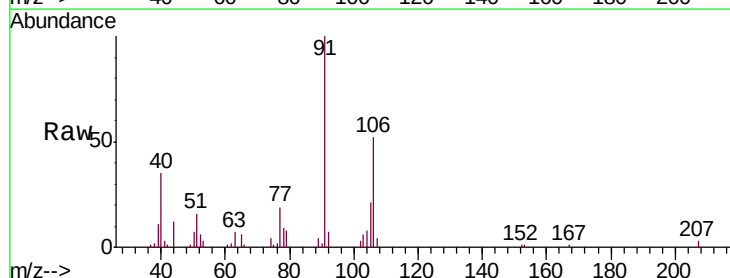
Instrument :
MSVOA_U
ClientSampleId :
GAJ84

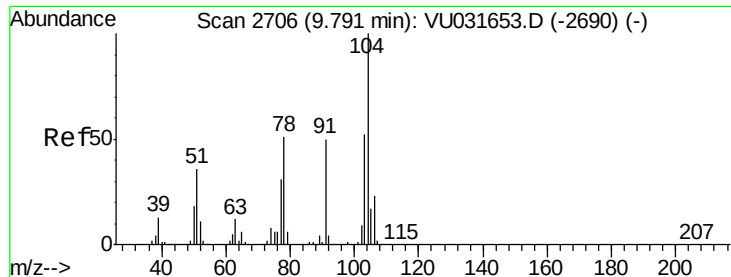
Tgt Ion	Resp	Lower	Upper
43	100		
58	24.6	42.1	63.1#
57	25.5	14.6	22.0#
100	0.4	7.2	10.8#



#54
o-xylene
Concen: 1.022 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.01 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	190.6	163.2	303.2





#55

Styrene

Concen: 0.433 ug/L

RT: 9.81 min Scan# 2713

Delta R.T. 0.02 min

Lab File: VU031658.D

Acq: 01 May 2019 01:25

Instrument :

MSVOA_U

ClientSampleId :

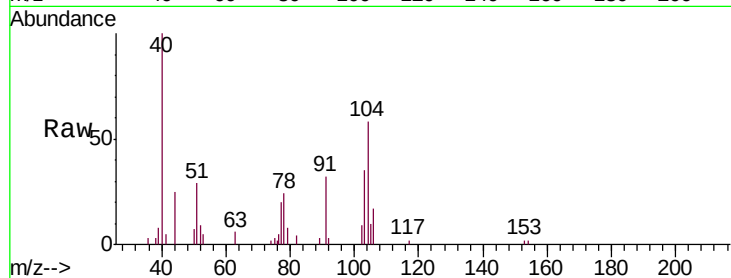
GAJ84

Tgt Ion:104 Resp: 8152

Ion Ratio Lower Upper

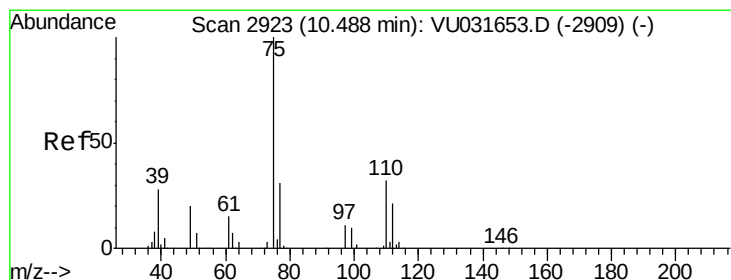
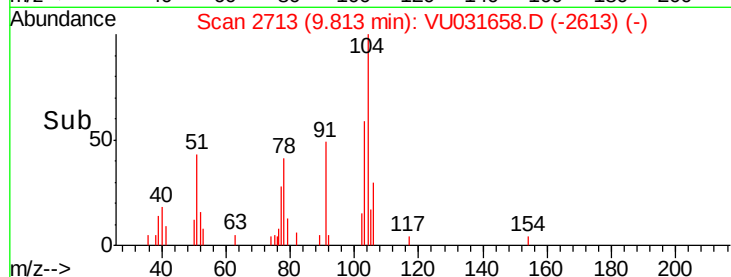
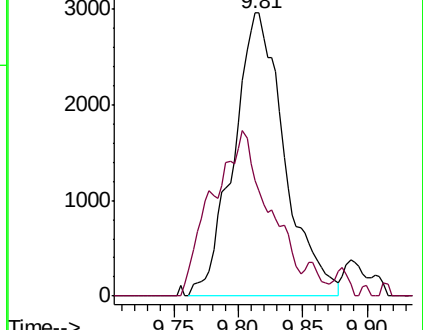
104 100

78 40.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): VU031658.D (-2613) (-)

Ion 78.00 (77.70 to 78.70): VU031658.D (-2613) (-)



#59

1,2,3-Trichloropropane

Concen: 5.137 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU031658.D

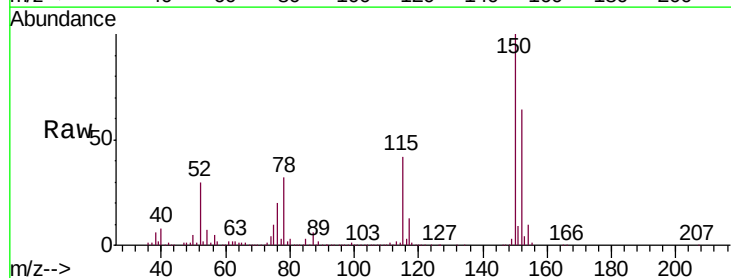
Acq: 01 May 2019 01:25

Tgt Ion: 75 Resp: 53324

Ion Ratio Lower Upper

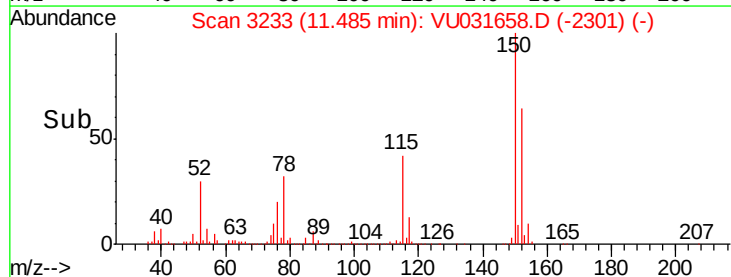
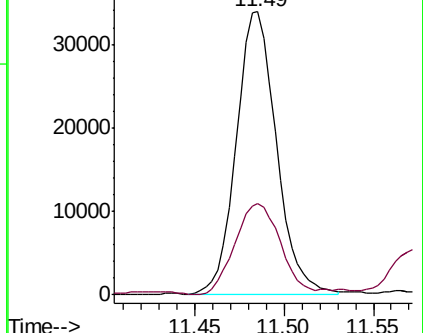
75 100

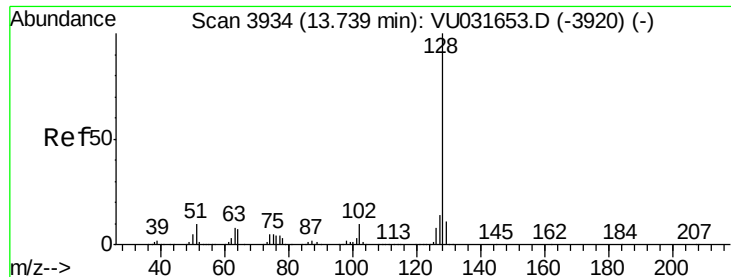
77 35.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031658.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU031658.D (-2301) (-)





#69

Naphthalene

Concen: 50.980 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU031658.D

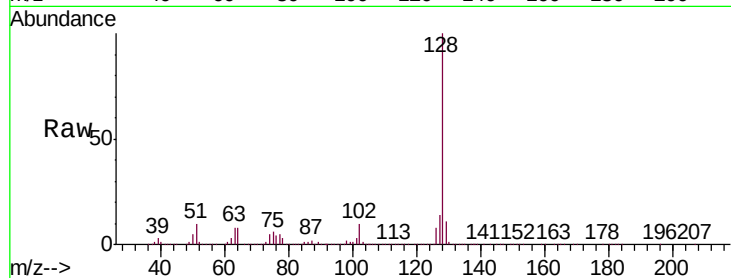
Acq: 01 May 2019 01:25

Instrument :

MSVOA_U

ClientSampleId :

GAJ84



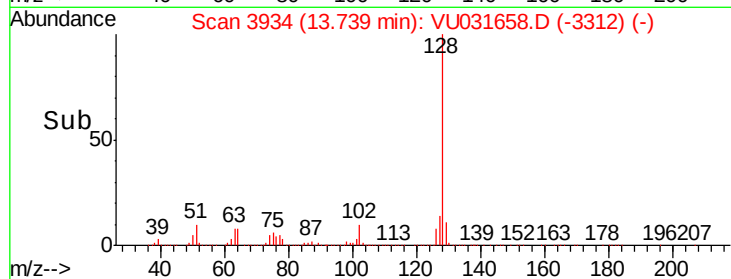
Tgt Ion:128 Resp: 1203710

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

128 100

127 13.2 10.6 15.8

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

1000000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

