

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026441.D
 Acq On : 30 Aug 2018 13:02
 Operator : MD/SY
 Sample : J4649-01
 Misc : 5.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:23:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49685	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.62%
7) Chloroethane-d5	1.64	69	48334	52.57	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.14%
11) 1,1-Dichloroethene-d2	2.23	63	95238	41.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.08%
21) 2-Butanone-d5	4.20	46	80475	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.64	84	102541	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
26) 1,2-Dichloroethane-d4	5.31	65	72561	56.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.38%
32) Benzene-d6	5.33	84	212813	57.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.98%
36) 1,2-Dichloropropane-d6	6.33	67	74214	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.72%
41) Toluene-d8	7.56	98	201475	56.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.78%
43) trans-1,3-Dichloropropene-	7.85	79	33583	57.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.66%
47) 2-Hexanone-d5	8.33	63	73445	125.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	112405	60.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	90347	61.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.96%#

Target Compounds

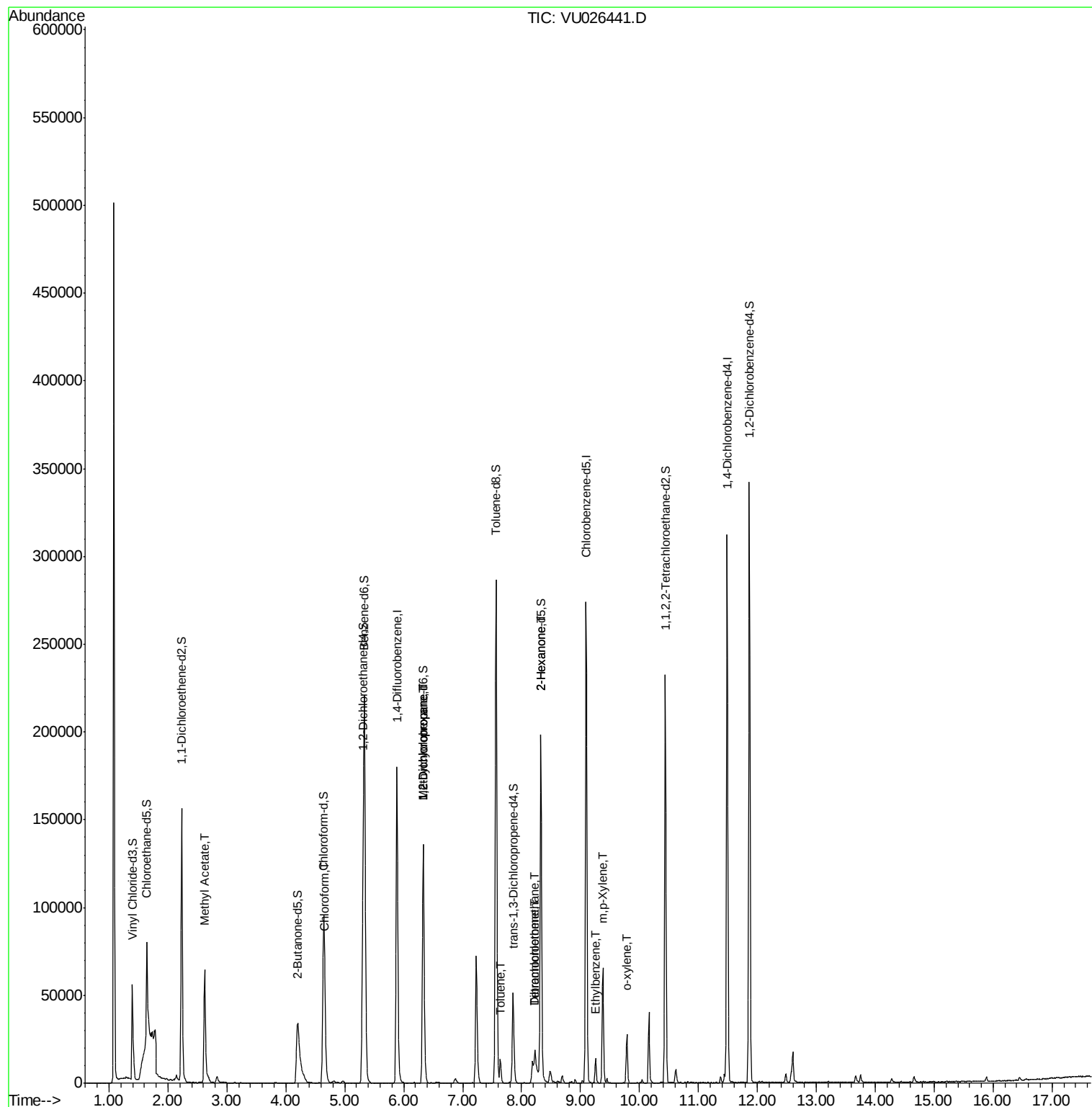
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.62	43	86437	64.344	ug/L	98
25) Chloroform	4.67	83	4848	2.277	ug/L	98
35) Methylcyclohexane	6.33	83	15961	8.851	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7542	5.917	ug/L #	88
42) Toluene	7.64	91	11083	2.307	ug/L	94
46) Tetrachloroethene	8.23	164	2707	2.867	ug/L	85
48) 2-Hexanone	8.33	43	9087	6.712	ug/L #	65
49) Dibromochloromethane	8.23	129	2128	1.617	ug/L #	10
52) Ethylbenzene	9.26	91	10112	1.935	ug/L	98
53) m,p-Xylene	9.38	106	19002	9.740	ug/L	99
54) o-xylene	9.79	106	7759	4.078	ug/L	91

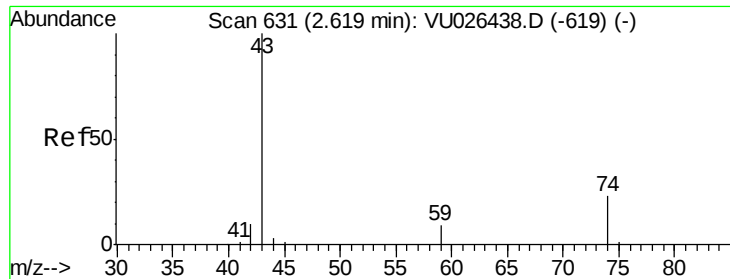
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083018\
Data File : VU026441.D
Acq On : 30 Aug 2018 13:02
Operator : MD/SY
Sample : J4649-01
Misc : 5.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 31 04:23:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#15

Methvl Acetate

Concen: 64.344 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU026441.D

Acq: 30 Aug 2018 13:02

Instrument :

MSVOA_U

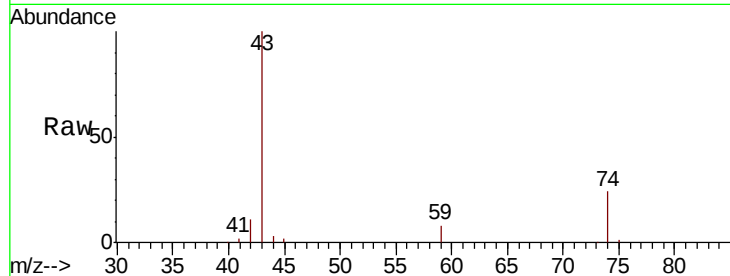
ClientSampleId :

Tot Ion: 43 Resp: 86437

Ion Ratio Lower Upper

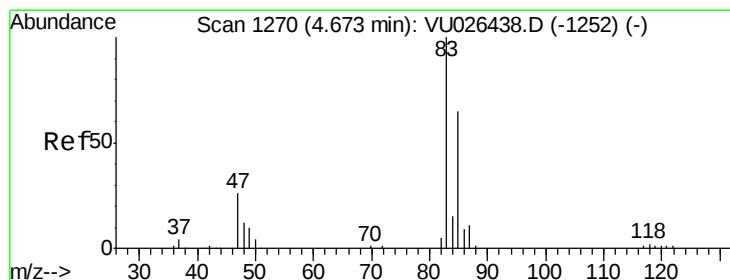
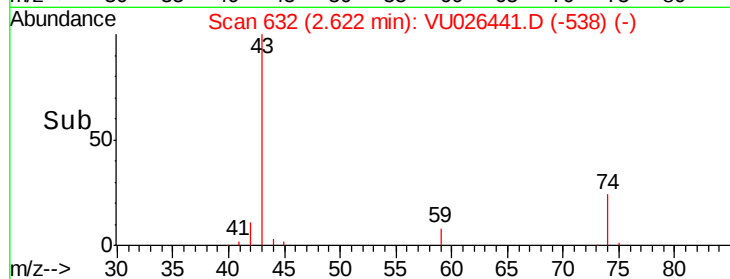
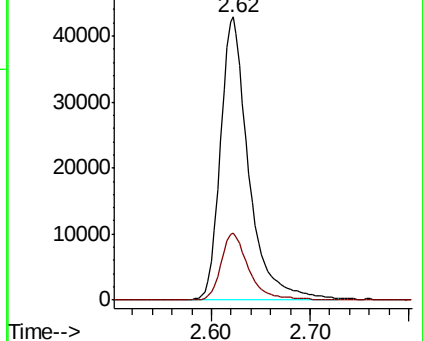
43 100

74 23.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#25

Chloroform

Concen: 2.277 ug/L

RT: 4.67 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU026441.D

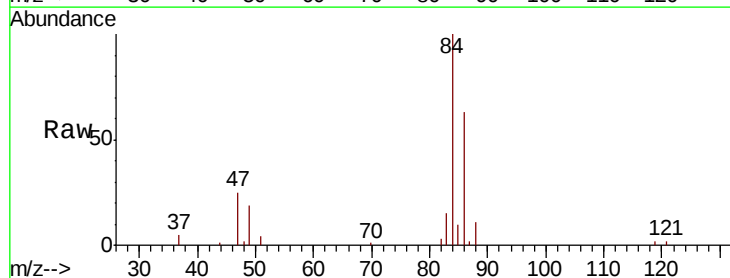
Acq: 30 Aug 2018 13:02

Tgt Ion: 83 Resp: 4848

Ion Ratio Lower Upper

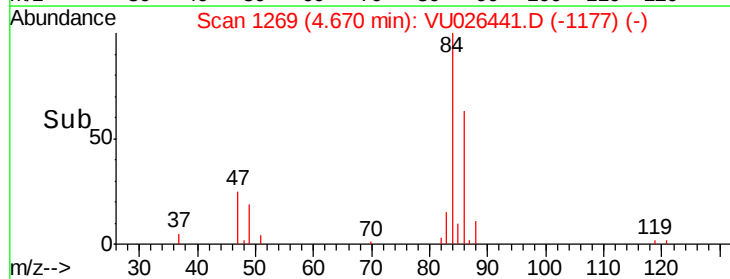
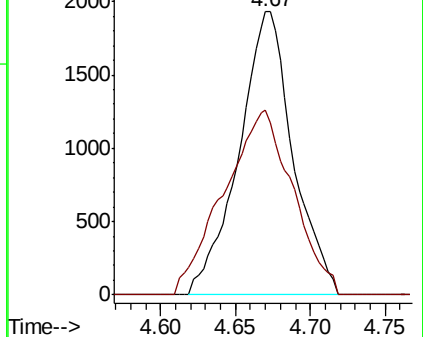
83 100

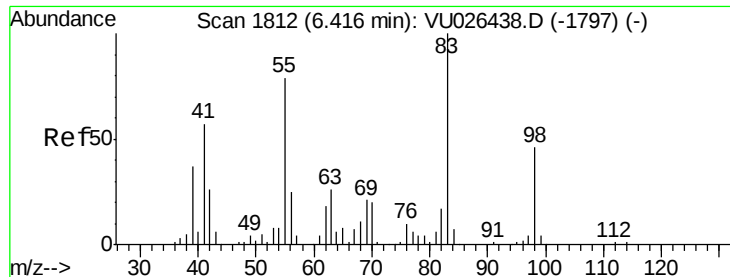
85 65.1 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

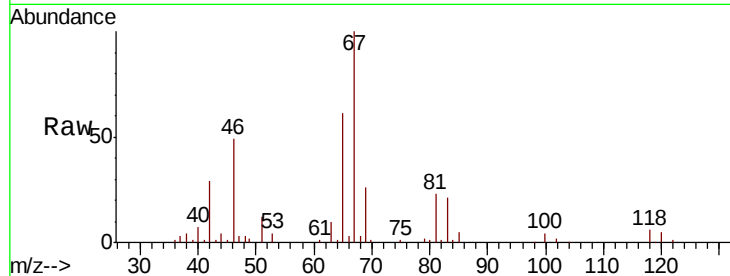




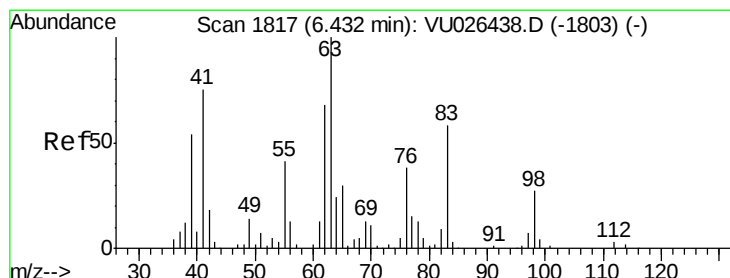
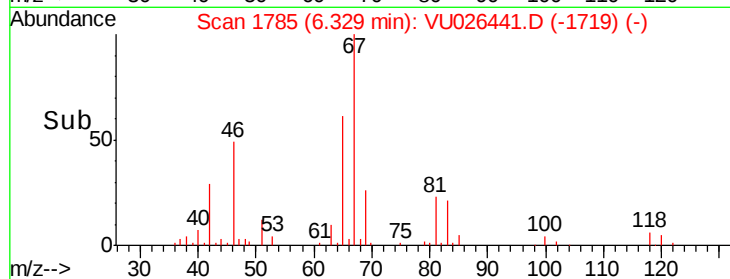
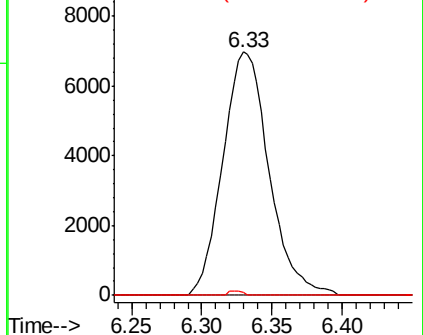
#35
Methvlcvclohexane
Concen: 8.851 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.09 min
Lab File: VU026441.D
Acq: 30 Aug 2018 13:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	15961
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.3	94.9#
98	0.5	36.7	55.1#

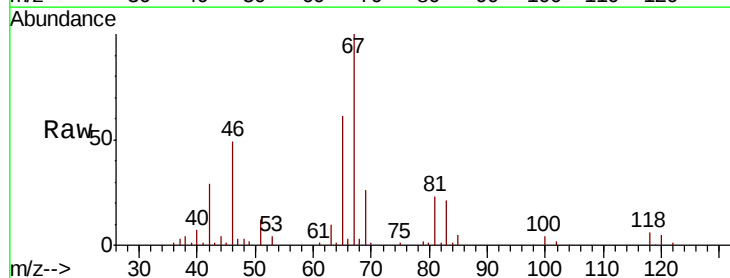


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

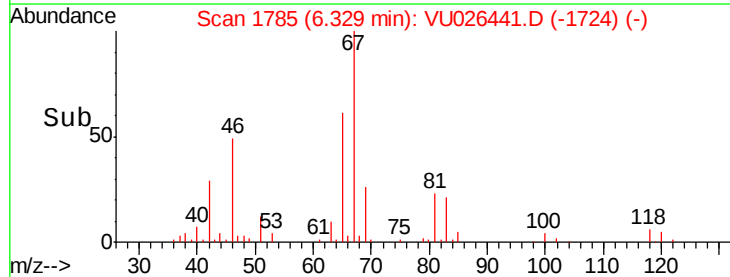
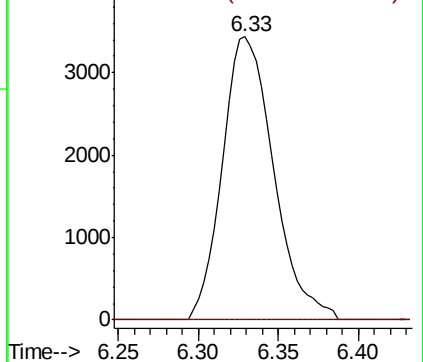


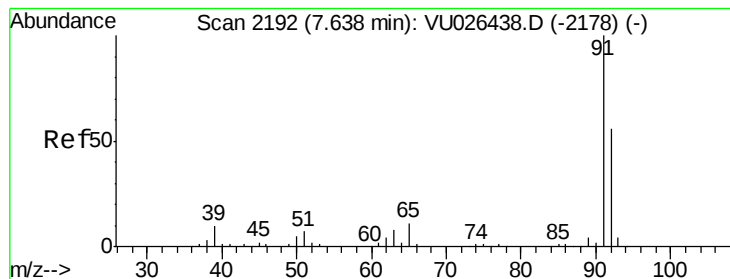
#37
1,2-Dichloropropane
Concen: 5.917 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.10 min
Lab File: VU026441.D
Acq: 30 Aug 2018 13:02

Tgt Ion	63	Resp	7542
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 2.307 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU026441.D

Acq: 30 Aug 2018 13:02

Instrument :

MSVOA_U

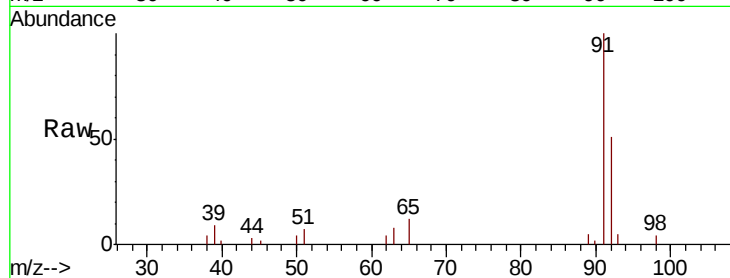
ClientSampleId :

Tot Ion: 91 Resp: 11083

Ion Ratio Lower Upper

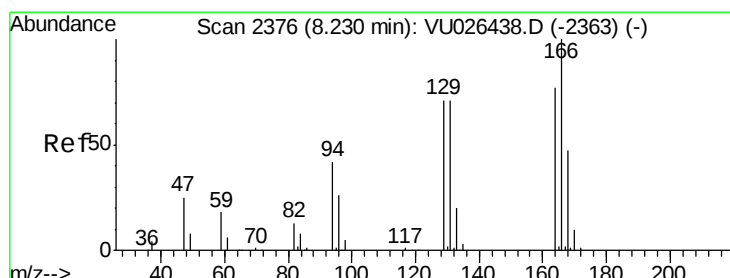
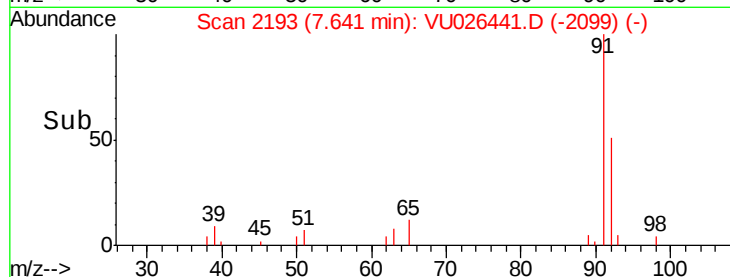
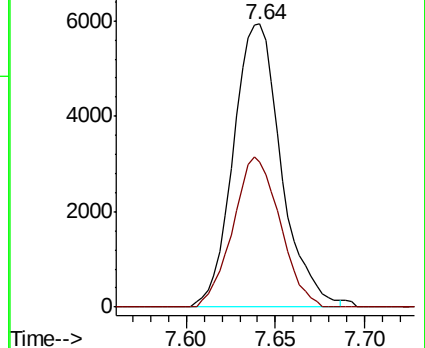
91 100

92 51.3 38.7 71.9



Abundance Ion 91.00 (90.70 to 91.70): VU026441.D (-2199) (-)

Ion 92.00 (91.70 to 92.70): VU026441.D (-2199) (-)



#46

Tetrachloroethene

Concen: 2.867 ug/L

RT: 8.23 min Scan# 2375

Delta R.T. -0.00 min

Lab File: VU026441.D

Acq: 30 Aug 2018 13:02

Tgt Ion: 164 Resp: 2707

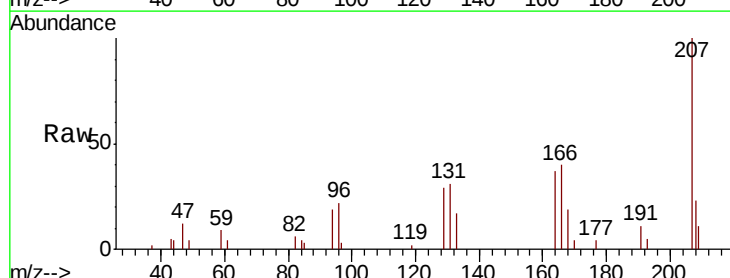
Ion Ratio Lower Upper

164 100

129 80.2 67.3 125.1

131 85.4 65.3 121.3

166 108.1 90.9 168.7

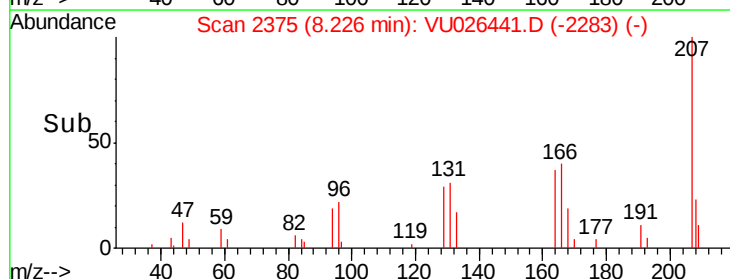
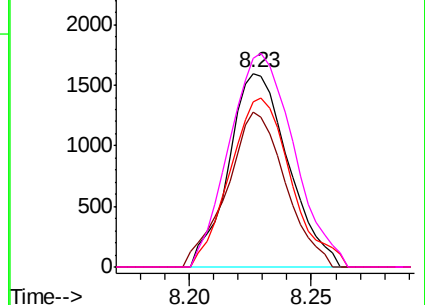


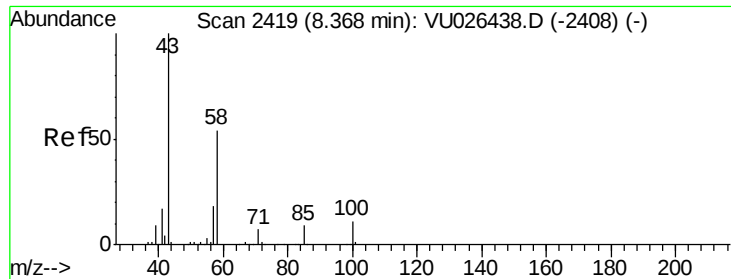
Abundance Ion 164.00 (163.70 to 164.70): VU026441.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026441.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026441.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026441.D (-2283) (-)

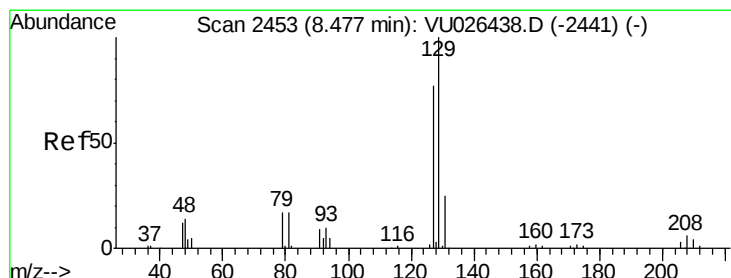
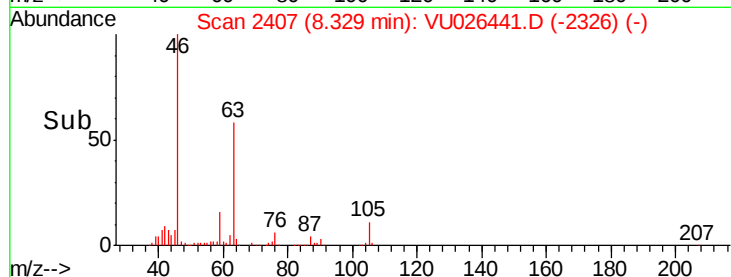
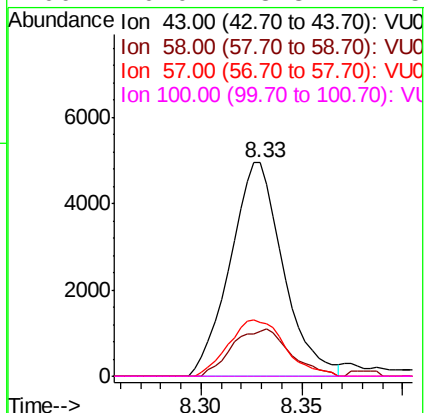
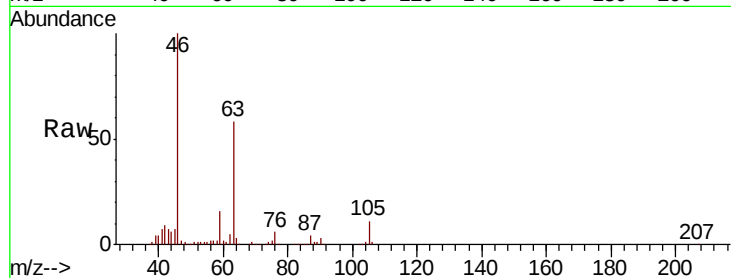




#48
2-Hexanone
Concen: 6.712 ug/L
RT: 8.33 min Scan# 2407
Delta R.T. -0.04 min
Lab File: VU026441.D
Acq: 30 Aug 2018 13:02

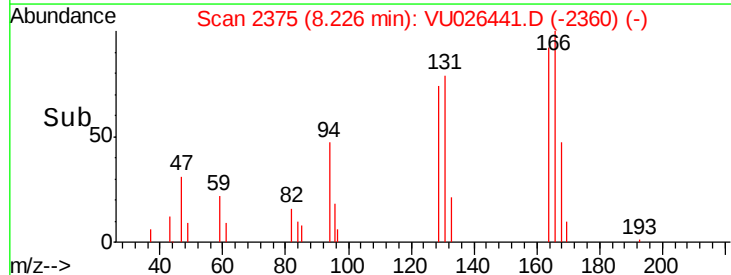
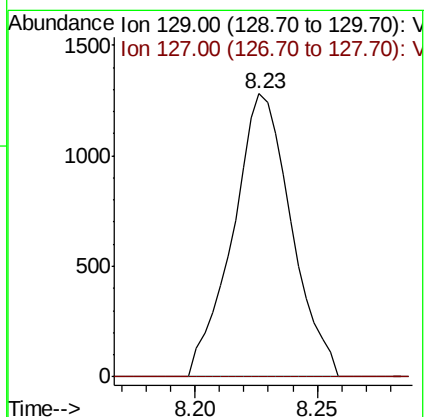
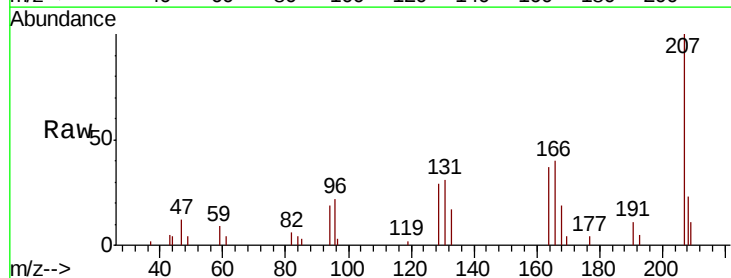
Instrument :
MSVOA_U
ClientSampleId :

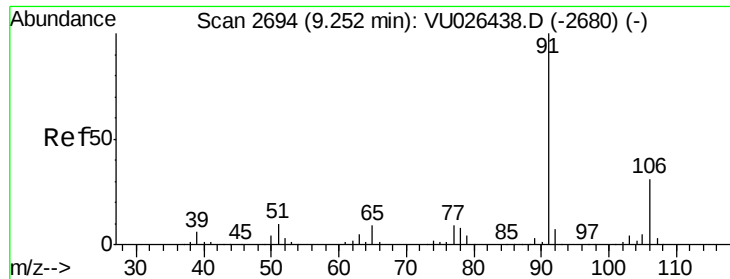
Tot Ion: 43 Resp: 9087
Ion Ratio Lower Upper
43 100
58 24.1 42.2 63.4#
57 28.3 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 1.617 ug/L
RT: 8.23 min Scan# 2375
Delta R.T. -0.25 min
Lab File: VU026441.D
Acq: 30 Aug 2018 13:02

Tgt Ion: 129 Resp: 2128
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#52

Ethylbenzene

Concen: 1.935 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU026441.D

Acq: 30 Aug 2018 13:02

Instrument :

MSVOA_U

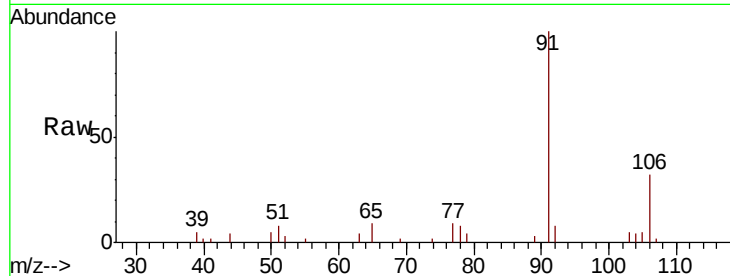
ClientSampleId :

Tot Ion: 91 Resp: 10112

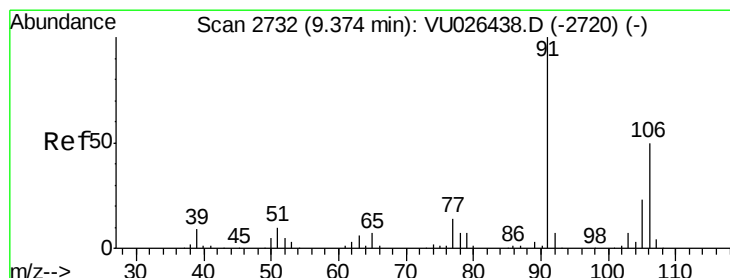
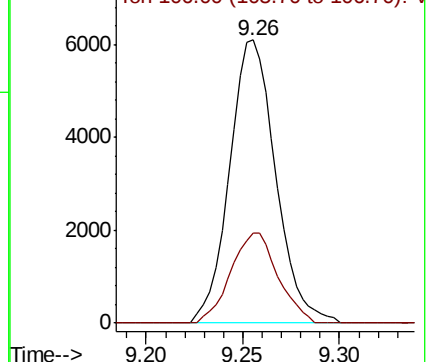
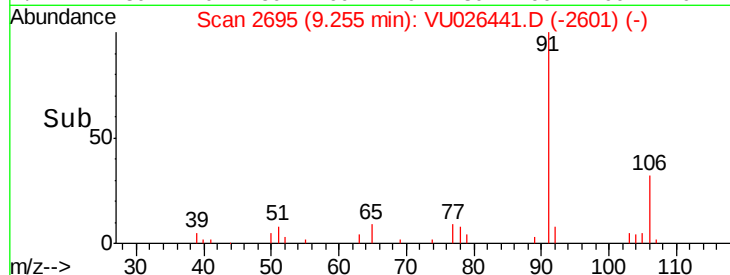
Ion Ratio Lower Upper

91 100

106 31.7 21.6 40.2



Abundance Ion 91.00 (90.70 to 91.70): VU026441.D (-2695) (-)



#53

m,p-Xylene

Concen: 9.740 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026441.D

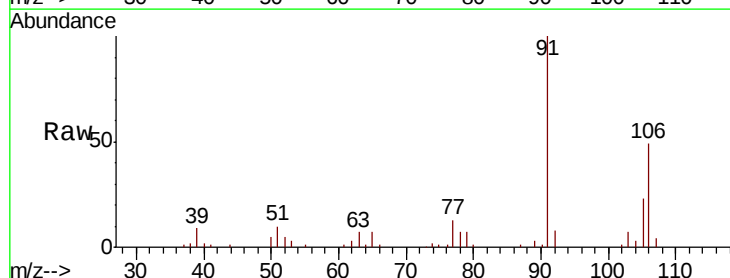
Acq: 30 Aug 2018 13:02

Tgt Ion: 106 Resp: 19002

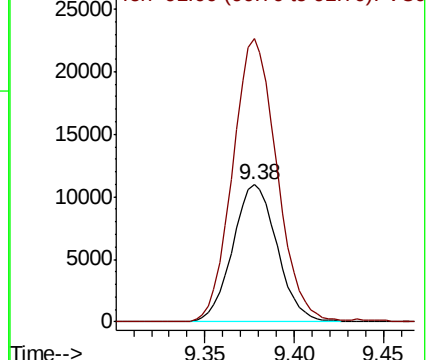
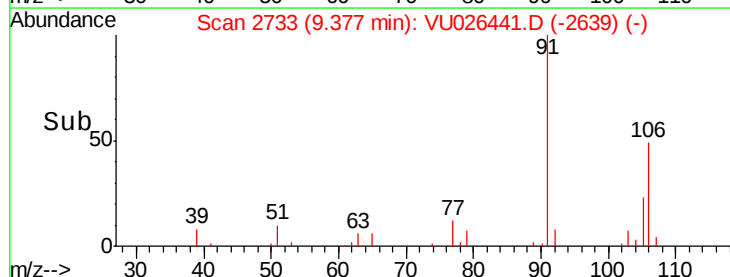
Ion Ratio Lower Upper

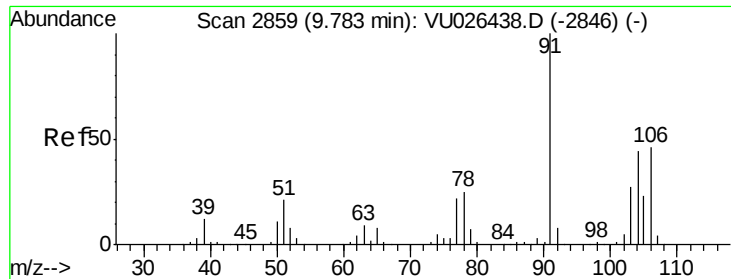
106 100

91 206.1 143.0 265.6



Abundance Ion 106.00 (105.70 to 106.70): VU026441.D (-2733) (-)





#54
 o-xylene
 Concen: 4.078 ug/L
 RT: 9.79 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: VU026441.D
 Acq: 30 Aug 2018 13:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:106 Resp: 7759
 Ion Ratio Lower Upper
 106 100
 91 205.1 153.3 284.7

