

Data File : VU026494.D
Acq On : 31 Aug 2018 13:04
Operator : MD/SY
Sample : J4649-04
Misc : 5.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAB89ME

Quant Time: Sep 01 01:03:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153166	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	73015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	34217	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.12%
7) Chloroethane-d5	1.64	69	35144	41.00	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.32	63	65	0.03	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	68531	93.04	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.04%
24) Chloroform-d	4.64	84	82406	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.31	65	58290	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
32) Benzene-d6	5.34	84	169083	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.33	67	59035	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.57	98	157267	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	26833	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.92%
47) 2-Hexanone-d5	8.33	63	60708	112.55	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.55%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	93526	53.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	70449	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%

Target Compounds

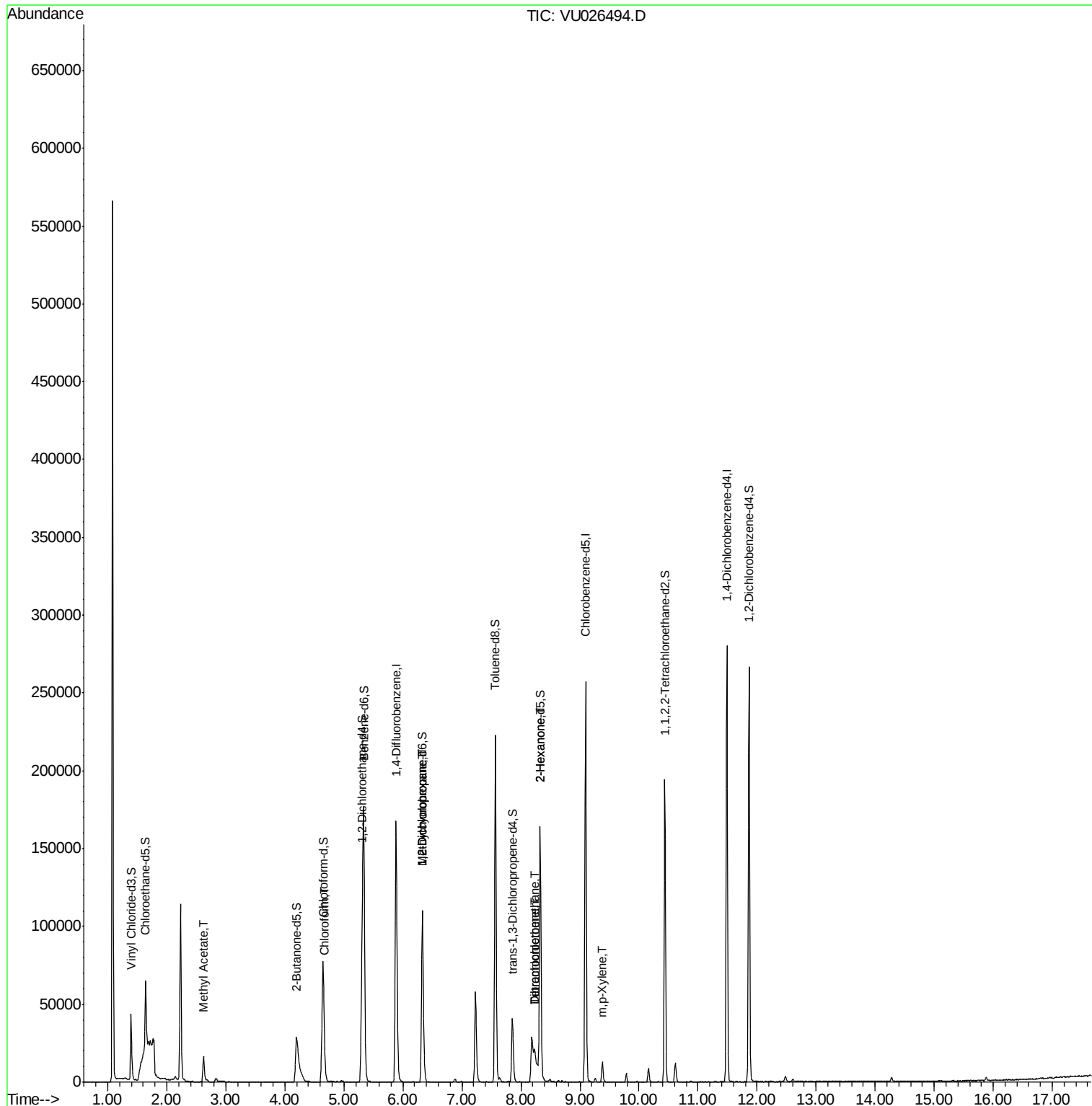
					Qvalue
15) Methyl Acetate	2.62	43	21574	17.228	ug/L 100
25) Chloroform	4.67	83	4159	2.096	ug/L 95
35) Methylcyclohexane	6.33	83	13207	7.919	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6049	5.131	ug/L # 88
46) Tetrachloroethene	8.23	164	1411	1.616	ug/L 98
48) 2-Hexanone	8.33	43	7379	5.893	ug/L # 64
49) Dibromochloromethane	8.23	129	1552	1.275	ug/L # 10
53) m,p-Xylene	9.38	106	4187	2.320	ug/L 83

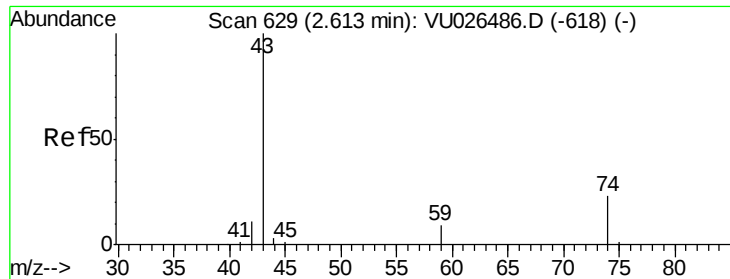
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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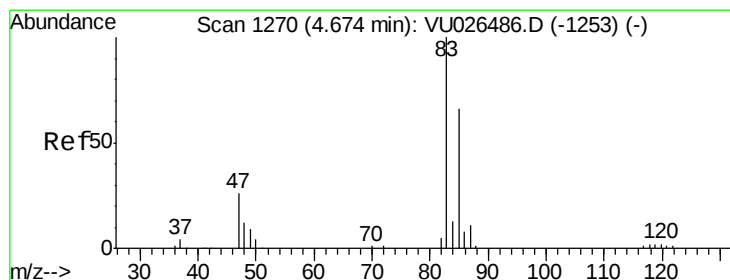
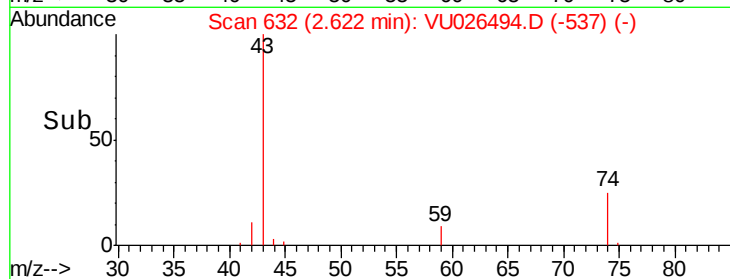
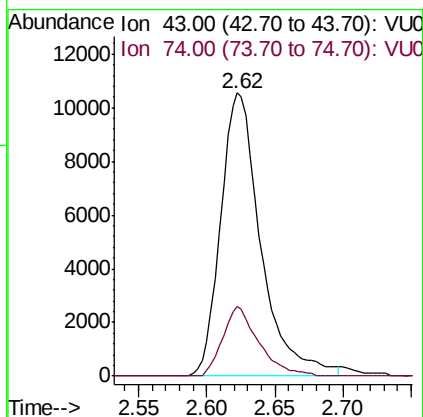
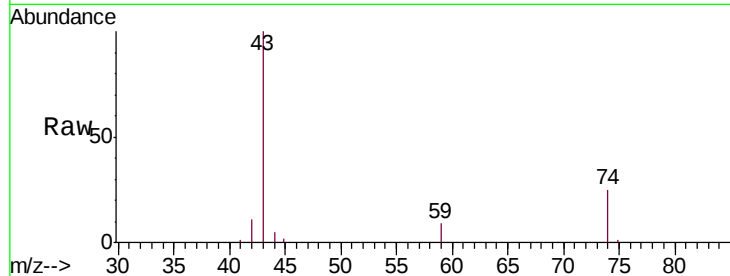




#15
Methyl Acetate
Concen: 17.228 ug/L
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU026494.D
Acq: 31 Aug 2018 13:04

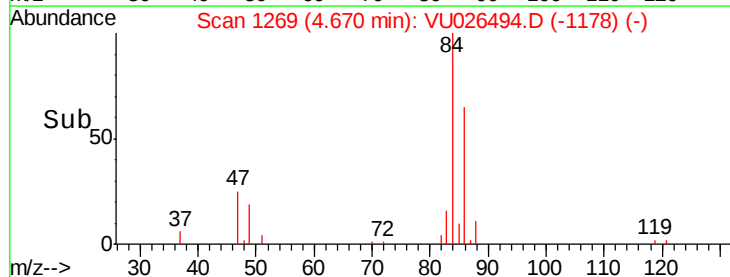
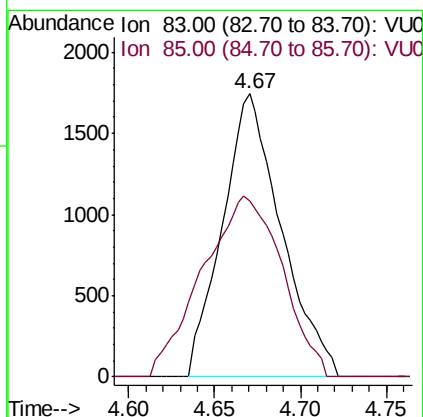
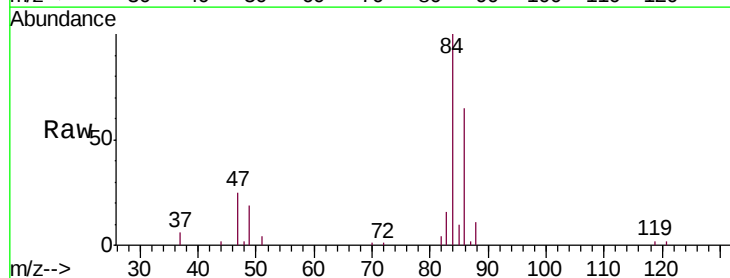
Instrument :
MSVOA_U
ClientSampleId :
GAB89ME

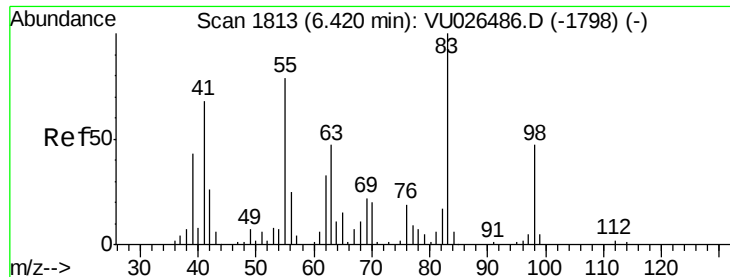
Tgt Ion: 43 Resp: 21574
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.6



#25
Chloroform
Concen: 2.096 ug/L
RT: 4.67 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VU026494.D
Acq: 31 Aug 2018 13:04

Tgt Ion: 83 Resp: 4159
Ion Ratio Lower Upper
83 100
85 62.4 46.5 86.5

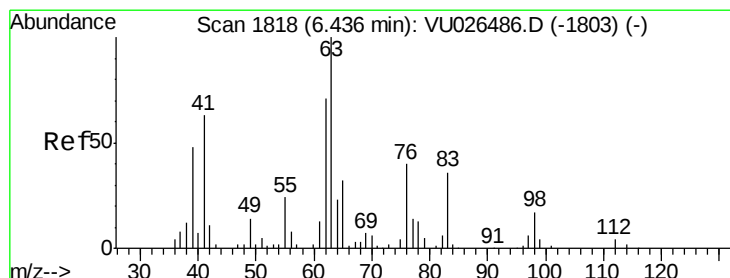
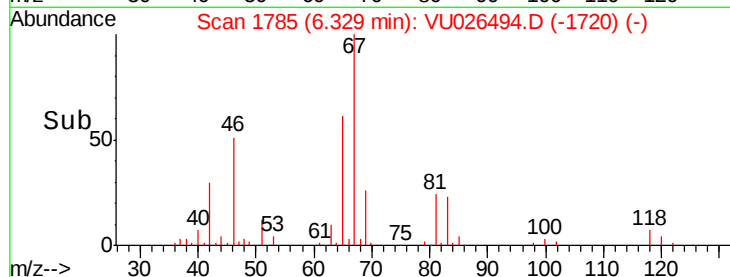
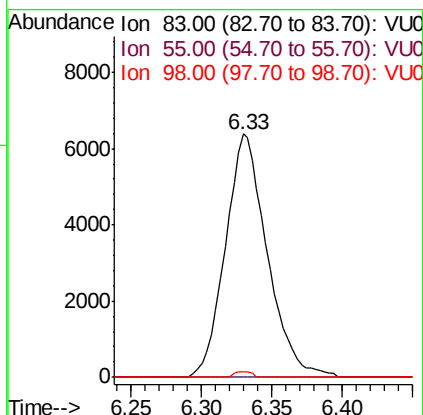
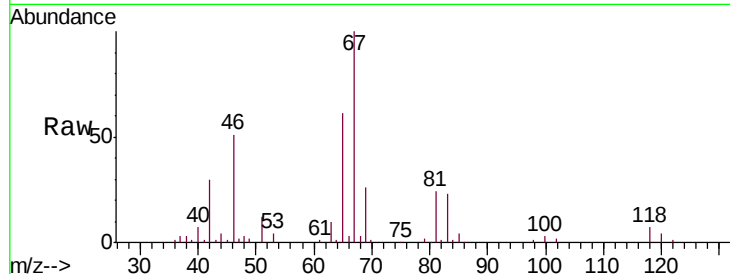




#35
Methylcyclohexane
Concen: 7.919 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.09 min
Lab File: VU026494.D
Acq: 31 Aug 2018 13:04

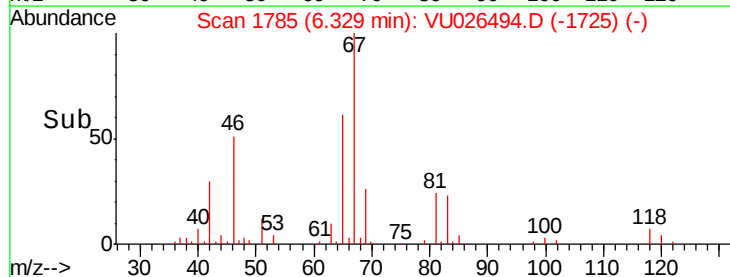
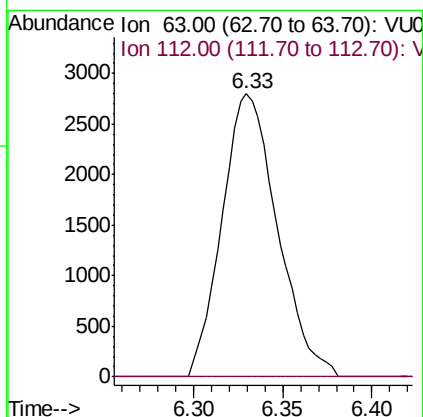
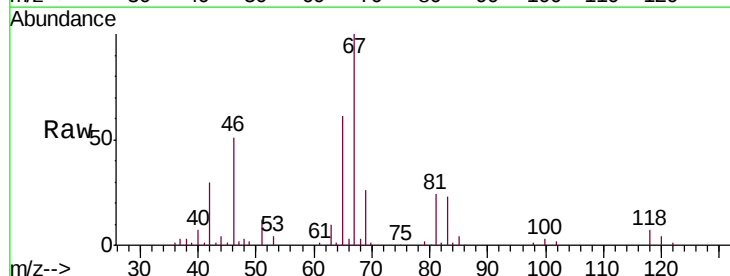
Instrument :
MSVOA_U
ClientSampleId :
GAB89ME

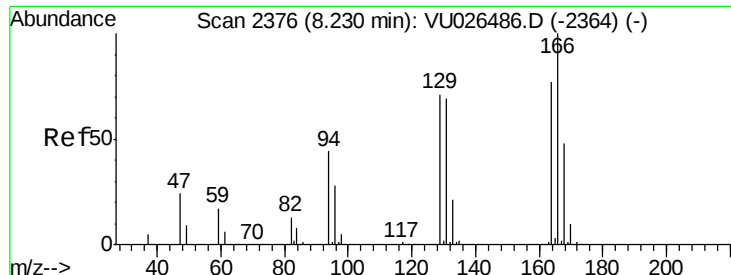
Tgt Ion: 83 Resp: 13207
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.9 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 5.131 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026494.D
Acq: 31 Aug 2018 13:04

Tgt Ion: 63 Resp: 6049
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#46

Tetrachloroethene

Concen: 1.616 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026494.D

Acq: 31 Aug 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

GAB89ME

Tgt Ion:164 Resp: 1411

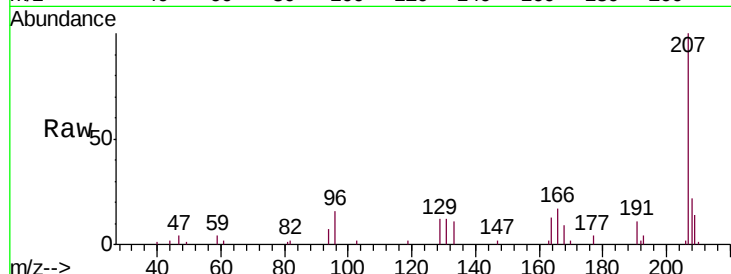
Ion Ratio Lower Upper

164 100

129 92.0 67.3 125.1

131 94.1 65.3 121.3

166 128.0 90.9 168.7

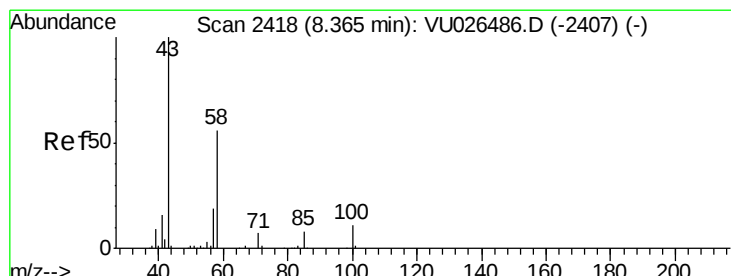
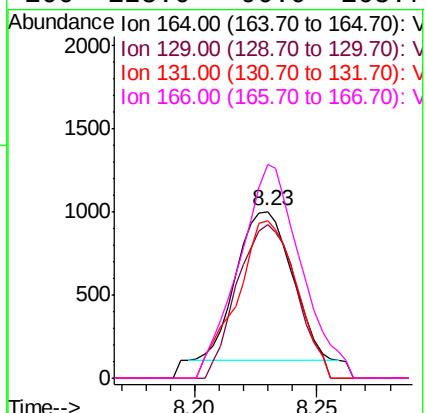
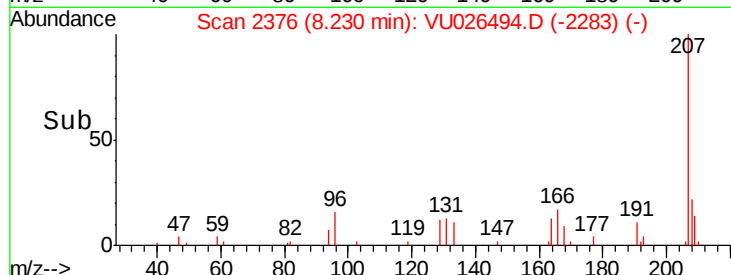


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.893 ug/L

RT: 8.33 min Scan# 2406

Delta R.T. -0.04 min

Lab File: VU026494.D

Acq: 31 Aug 2018 13:04

Tgt Ion: 43 Resp: 7379

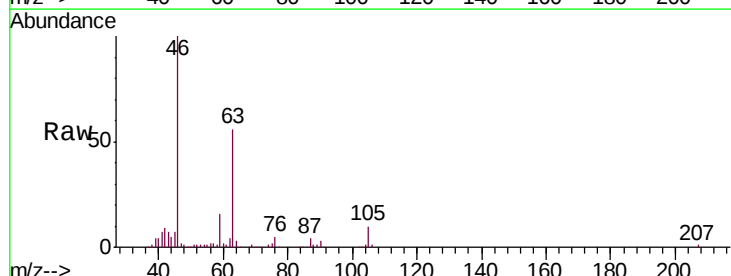
Ion Ratio Lower Upper

43 100

58 22.9 42.2 63.4#

57 28.5 14.6 21.8#

100 0.0 8.3 12.5#

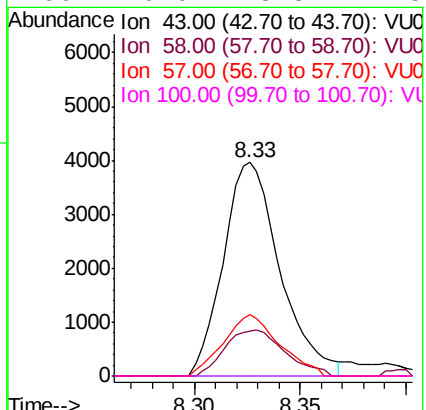
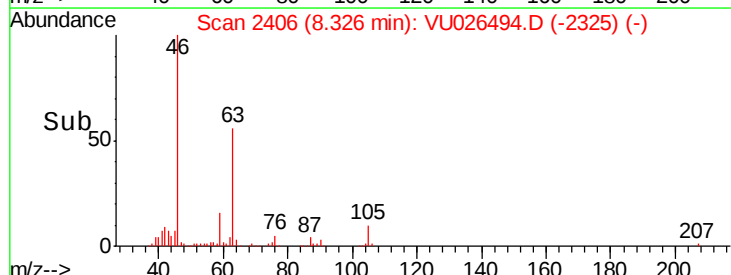


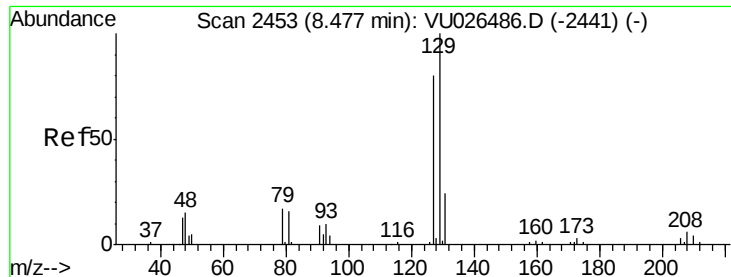
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

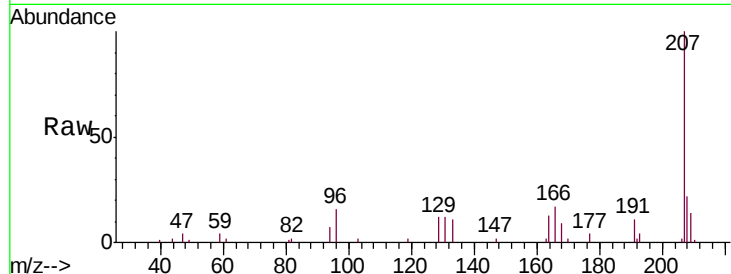




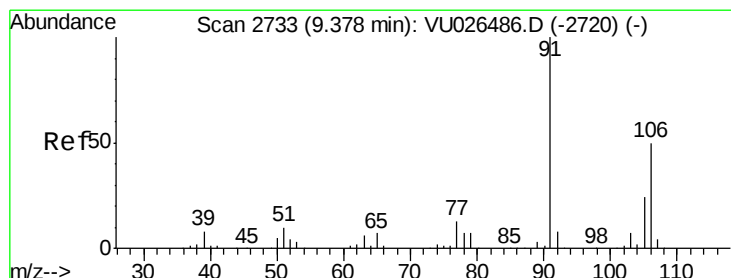
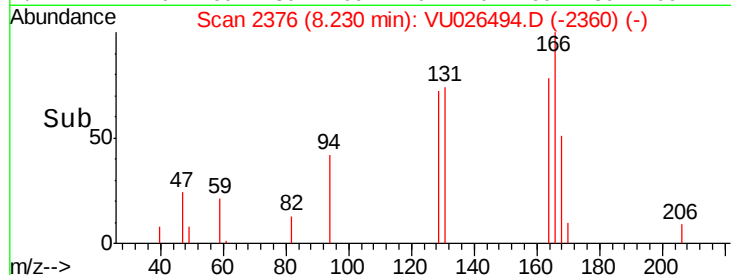
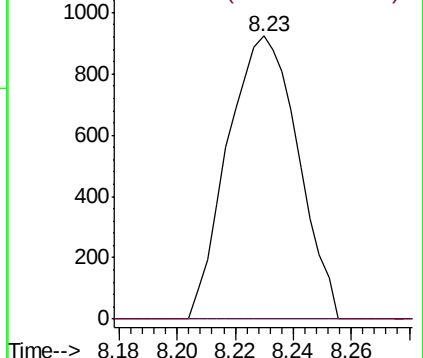
#49
 Dibromochloromethane
 Concen: 1.275 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026494.D
 Acq: 31 Aug 2018 13:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GAB89ME

Tgt Ion:129 Resp: 1552
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

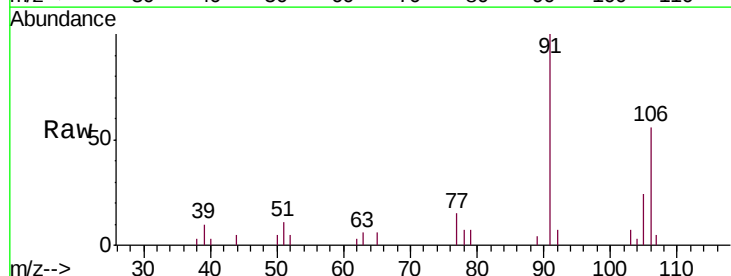


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#53
 m,p-Xylene
 Concen: 2.320 ug/L
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU026494.D
 Acq: 31 Aug 2018 13:04

Tgt Ion:106 Resp: 4187
 Ion Ratio Lower Upper
 106 100
 91 179.0 143.0 265.6



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VU0

