

Data File : VU028831.D
Acq On : 20 Dec 2018 17:54
Operator : MD/SY
Sample : J6419-16ME
Misc : 5.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF044ME

Quant Time: Dec 21 03:58:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	255585	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	247673	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63309	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.80%
7) Chloroethane-d5	1.64	69	36138	22.83	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.66%#
11) 1,1-Dichloroethene-d2	2.23	63	80883	23.47	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
21) 2-Butanone-d5	4.19	46	106037	73.86	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.86%
24) Chloroform-d	4.64	84	106526	33.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.12%#
26) 1,2-Dichloroethane-d4	5.31	65	68238	34.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.72%#
32) Benzene-d6	5.33	84	231819	33.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.26%#
36) 1,2-Dichloropropane-d6	6.33	67	81810	34.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.84%#
41) Toluene-d8	7.56	98	208371	32.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.72%#
43) trans-1,3-Dichloropropene-	7.85	79	36402	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
47) 2-Hexanone-d5	8.32	63	92794	82.19	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127612	38.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	86374	35.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.62%#

Target Compounds

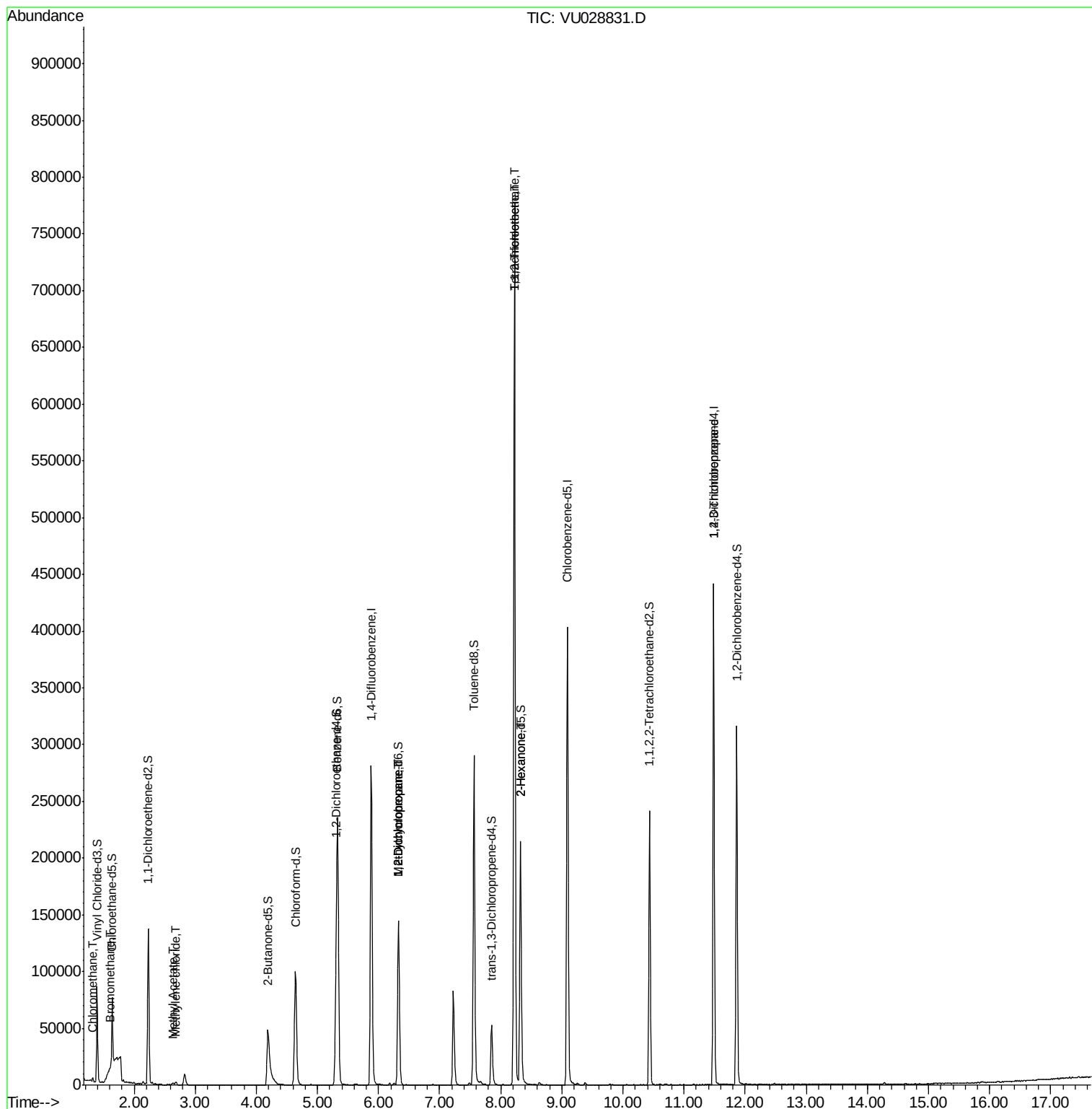
					Qvalue
3) Chloromethane	1.32	50	2860	1.009 ug/L	91
6) Bromomethane	1.60	94	593	0.556 ug/L	96
15) Methyl Acetate	2.63	43	2340	1.026 ug/L #	76
16) Methylene chloride	2.69	84	1161	0.574 ug/L	81
35) Methylcyclohexane	6.32	83	17538	5.532 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7779	3.529 ug/L #	90
45) 1,1,2-Trichloroethane	8.22	97	1171	0.621 ug/L #	1
46) Tetrachloroethene	8.22	164	182626	124.564 ug/L	98
48) 2-Hexanone	8.32	43	9894	4.069 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	14783	5.620 ug/L	96

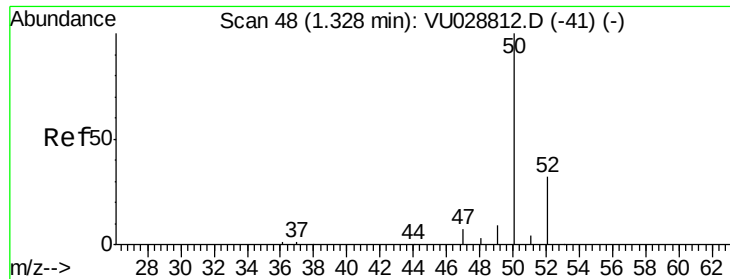
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.009 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028831.D

Acq: 20 Dec 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

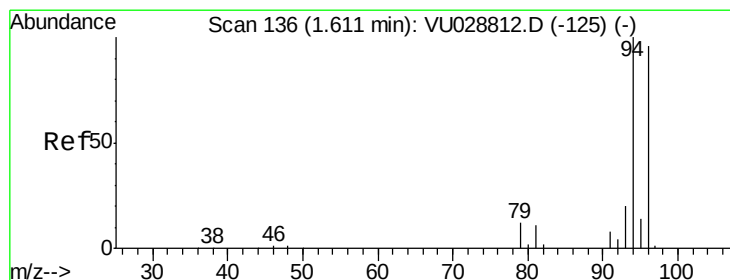
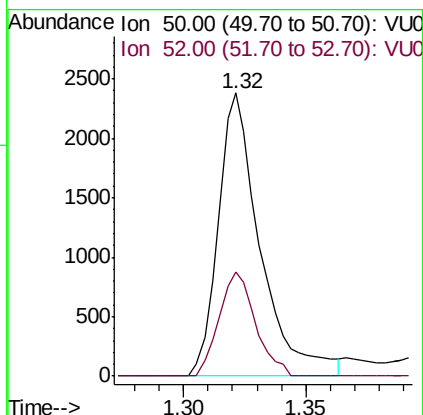
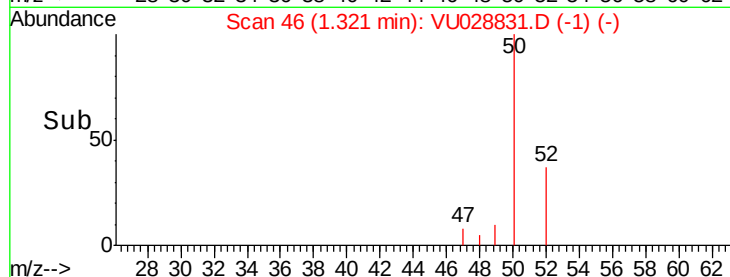
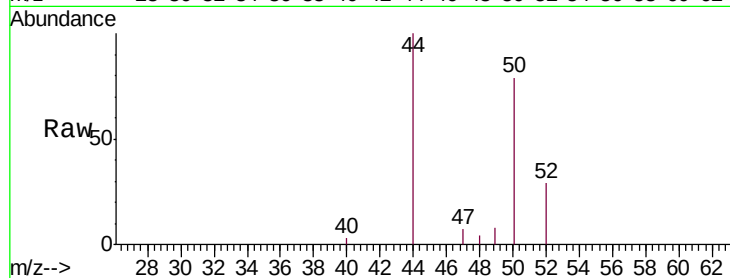
BF044ME

Tgt Ion: 50 Resp: 2860

Ion Ratio Lower Upper

50 100

52 36.7 22.3 41.3



#6

Bromomethane

Concen: 0.556 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU028831.D

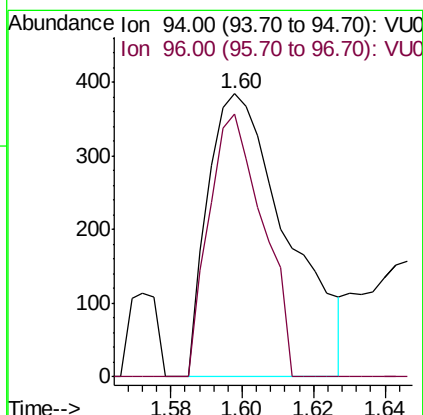
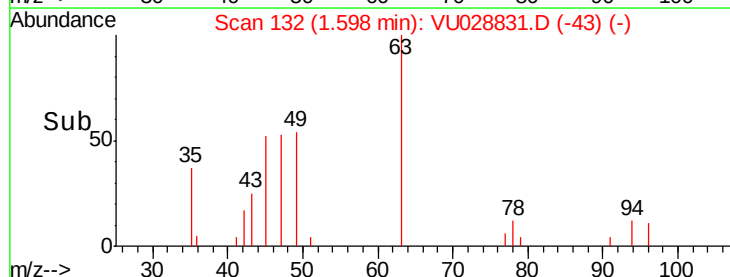
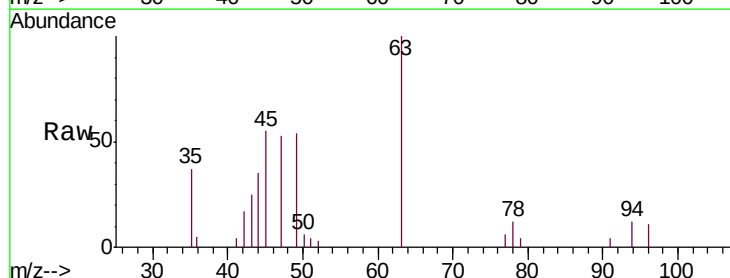
Acq: 20 Dec 2018 17:54

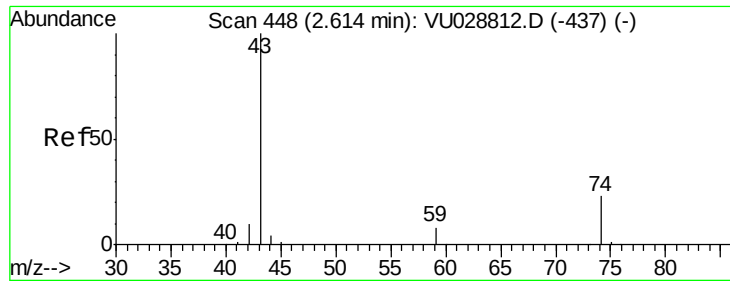
Tgt Ion: 94 Resp: 593

Ion Ratio Lower Upper

94 100

96 92.7 67.3 125.1

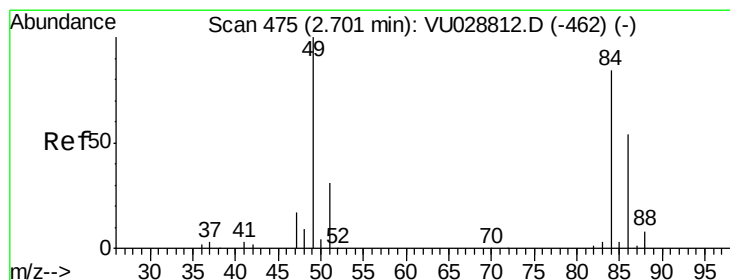
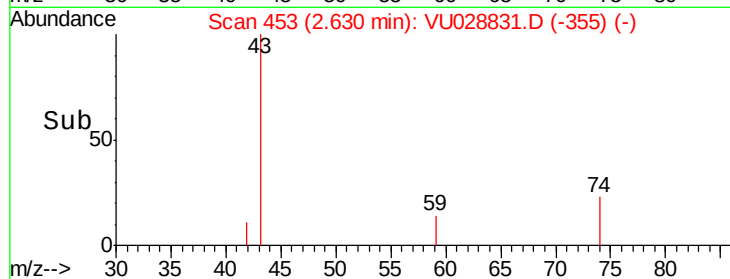
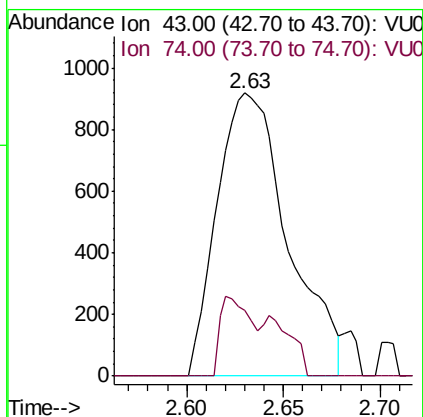
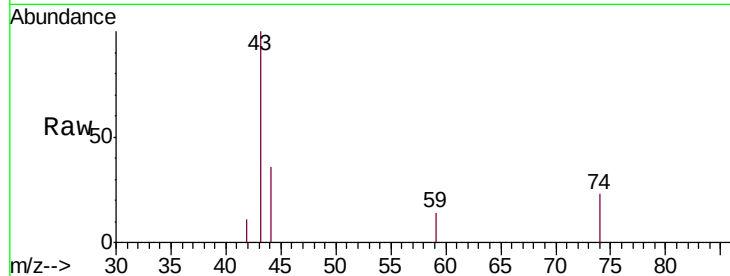




#15
Methyl Acetate
Concen: 1.026 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU028831.D
Acq: 20 Dec 2018 17:54

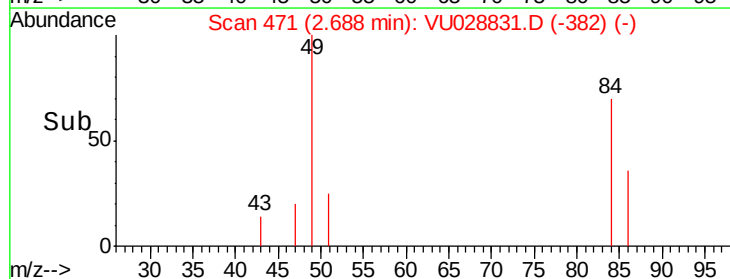
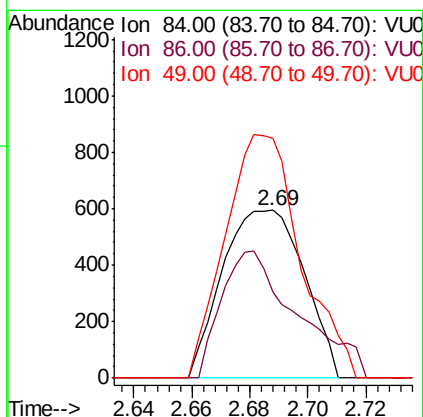
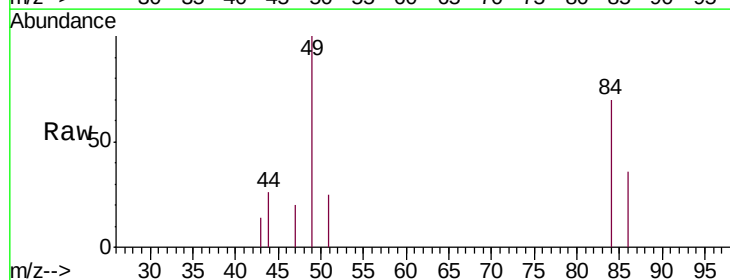
Instrument :
MSVOA_U
ClientSampleId :
BF044ME

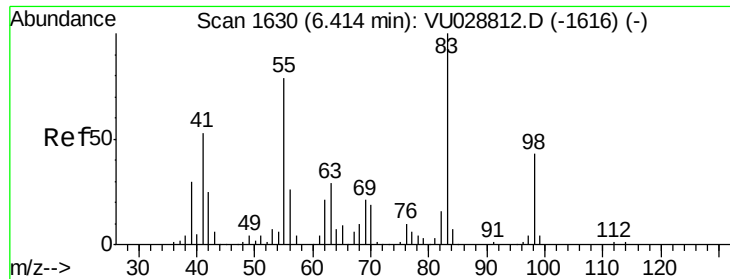
Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
74 12.1 19.0 28.4#



#16
Methylene chloride
Concen: 0.574 ug/L
RT: 2.69 min Scan# 471
Delta R.T. -0.01 min
Lab File: VU028831.D
Acq: 20 Dec 2018 17:54

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
86 51.3 44.9 83.3
49 143.3 83.9 155.7

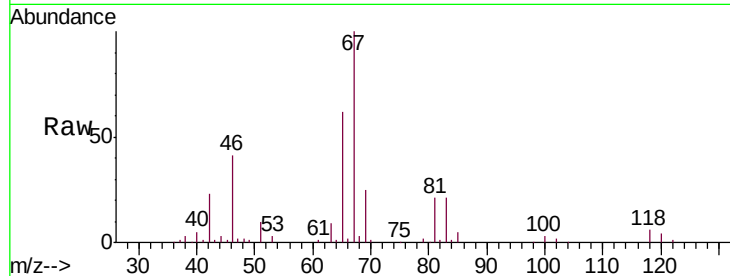




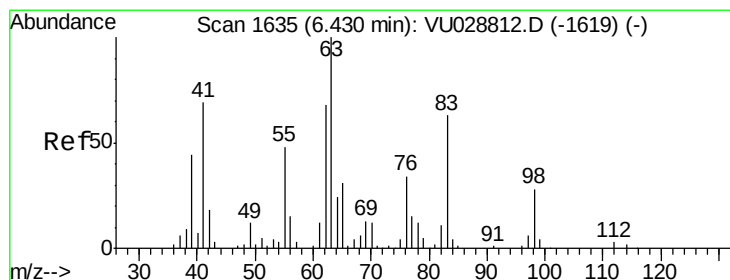
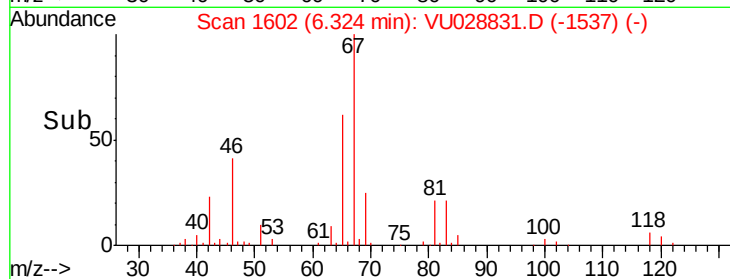
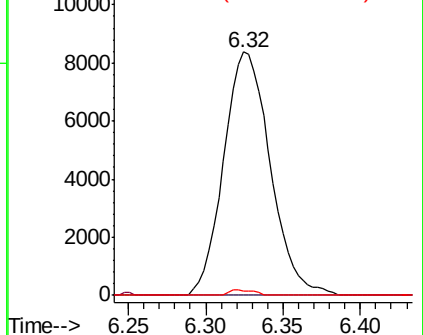
#35
Methylcyclohexane
Concen: 5.532 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU028831.D
Acq: 20 Dec 2018 17:54

Instrument :
MSVOA_U
ClientSampleId :
BF044ME

Tgt Ion: 83 Resp: 17538
Ion Ratio Lower Upper
83 100
55 0.2 63.7 95.5#
98 1.2 35.6 53.4#

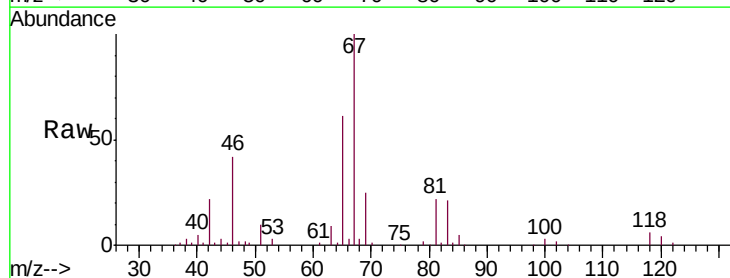


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

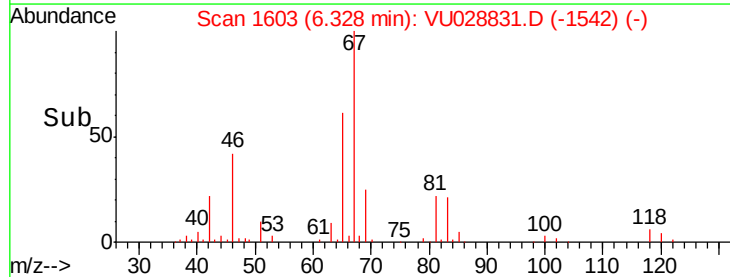
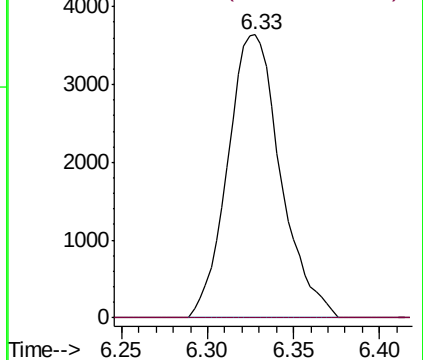


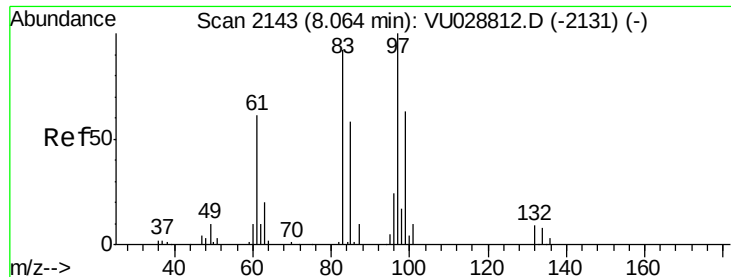
#37
1,2-Dichloropropane
Concen: 3.529 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028831.D
Acq: 20 Dec 2018 17:54

Tgt Ion: 63 Resp: 7779
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



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





#45

1,1,2-Trichloroethane

Concen: 0.621 ug/L

RT: 8.22 min Scan# 2191

Delta R.T. 0.15 min

Lab File: VU028831.D

Acq: 20 Dec 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

BF044ME

Tgt Ion: 97 Resp: 1171

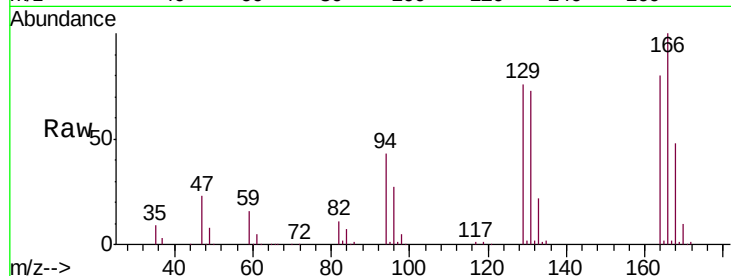
Ion Ratio Lower Upper

97 100

99 19.0 44.2 82.2#

83 365.1 64.5 119.9#

85 35.8 40.9 75.9#

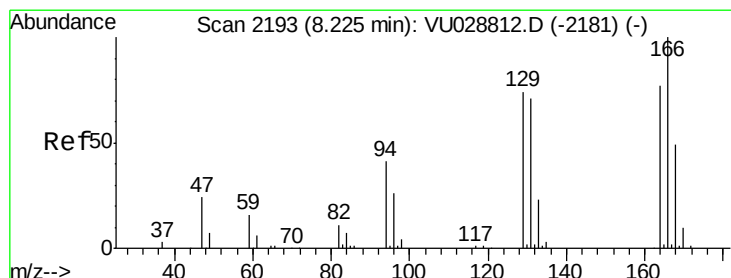
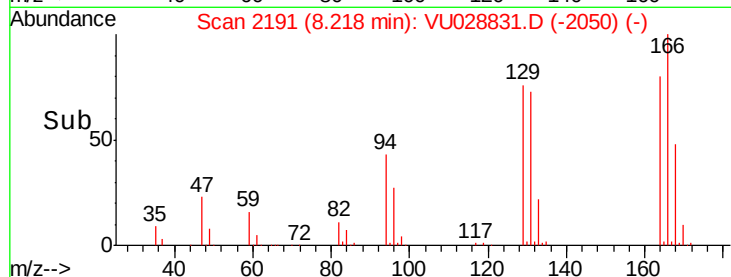
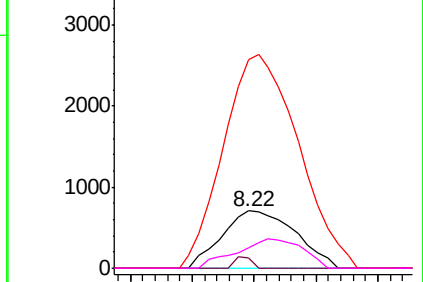


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 124.564 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028831.D

Acq: 20 Dec 2018 17:54

Tgt Ion:164 Resp: 182626

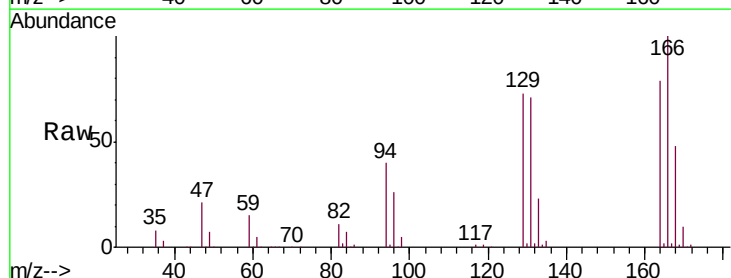
Ion Ratio Lower Upper

164 100

129 92.5 66.8 124.0

131 90.7 64.2 119.2

166 126.8 90.8 168.6

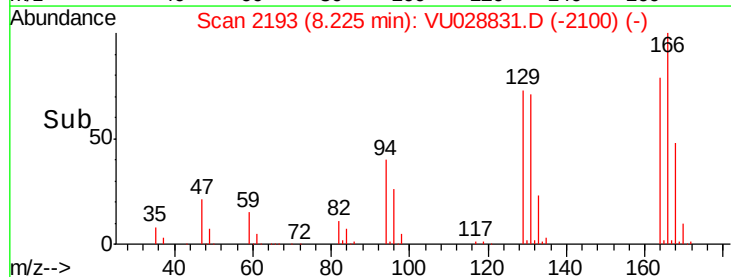
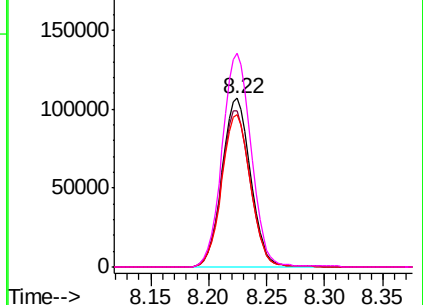


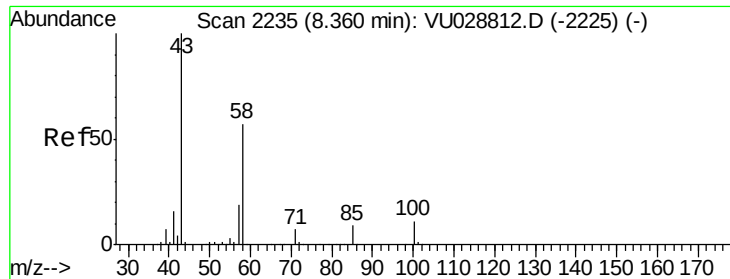
Abundance Ion 164.00 (163.70 to 164.70): V

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

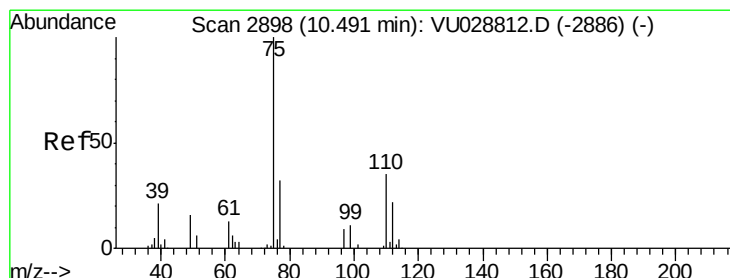
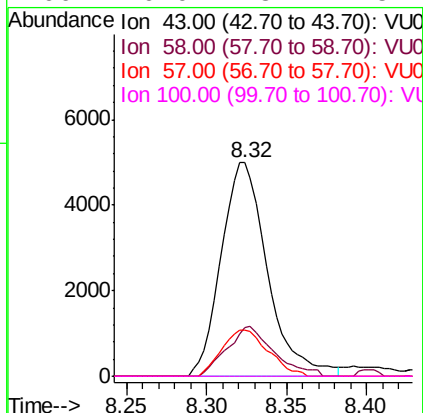
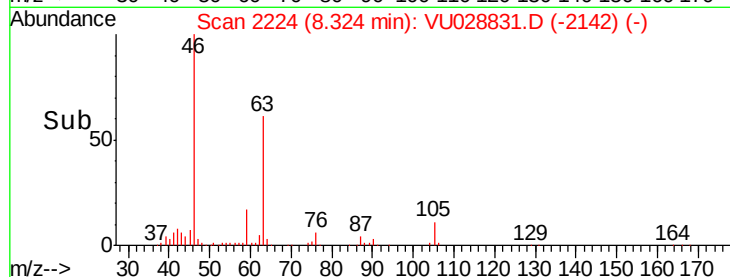
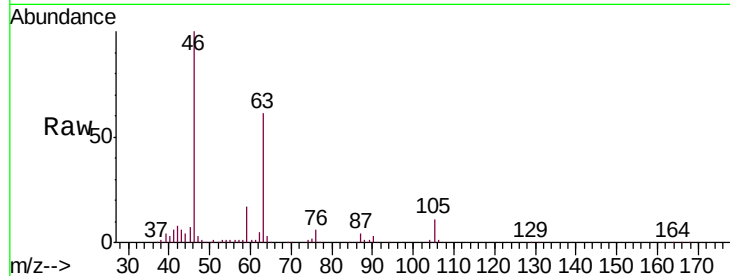




#48
 2-Hexanone
 Concen: 4.069 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: VU028831.D
 Acq: 20 Dec 2018 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BF044ME

Tgt Ion: 43 Resp: 9894
 Ion Ratio Lower Upper
 43 100
 58 23.0 45.9 68.9#
 57 21.7 15.0 22.4
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.620 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU028831.D
 Acq: 20 Dec 2018 17:54

Tgt Ion: 75 Resp: 14783
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.5 38.3

