

Data File : VU029870.D
Acq On : 07 Mar 2019 22:54
Operator : JC/SP
Sample : K1789-12
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2K6ME

Quant Time: Mar 08 04:36:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	514677	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	265270	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118693	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.94%
7) Chloroethane-d5	1.64	69	55791	16.64	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.28%#
11) 1,1-Dichloroethene-d2	2.23	63	177658	24.10	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.20%#
21) 2-Butanone-d5	4.20	46	236057	102.85	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.85%
24) Chloroform-d	4.64	84	250177	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.30	65	162751	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.04%
32) Benzene-d6	5.33	84	546259	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
36) 1,2-Dichloropropane-d6	6.32	67	174427	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.08%
41) Toluene-d8	7.56	98	492962	37.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.06%#
43) trans-1,3-Dichloropropene-	7.85	79	75768	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
47) 2-Hexanone-d5	8.32	63	211618	98.12	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294330	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	229911	40.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.44%

Target Compounds

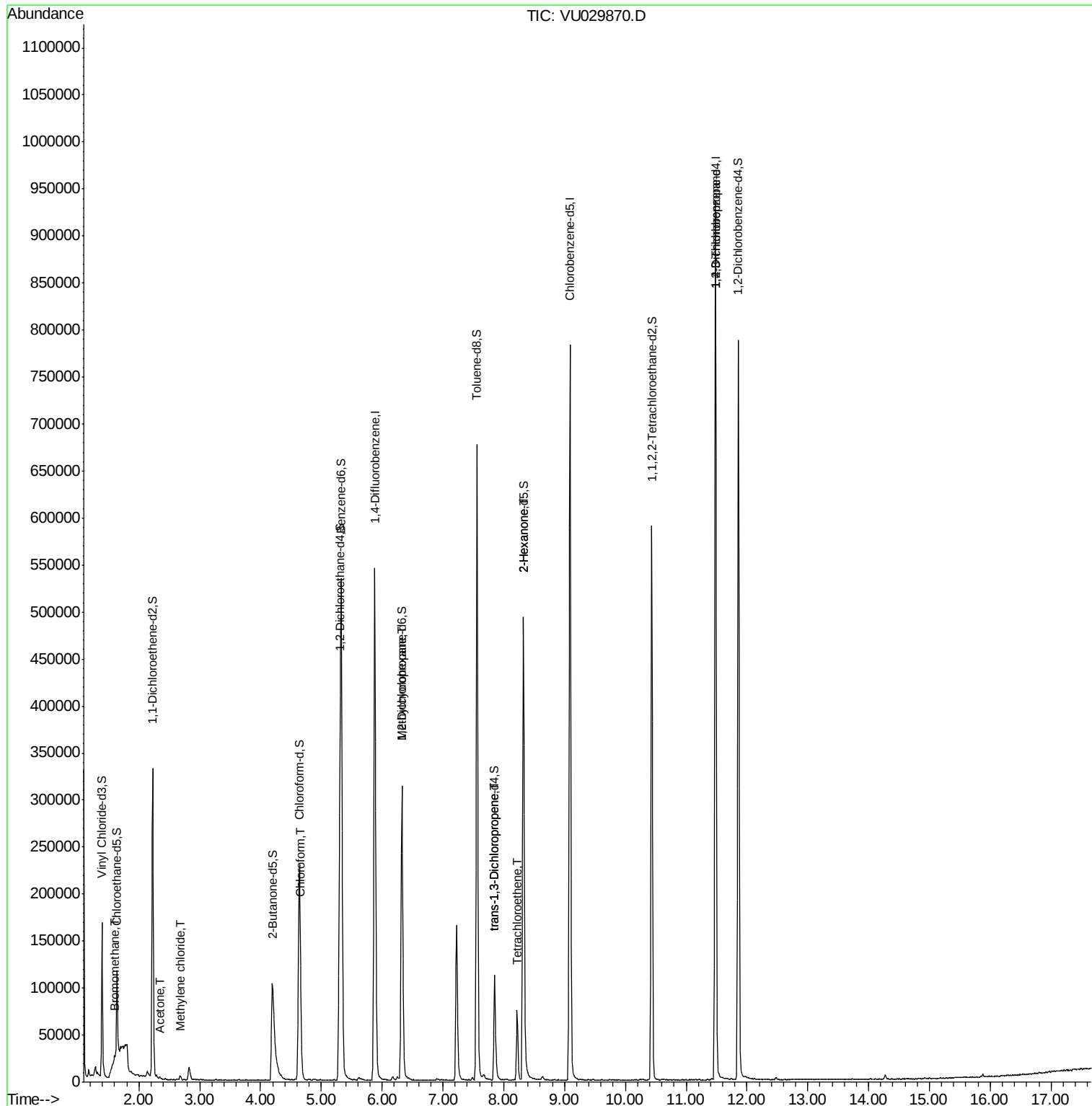
					Qvalue
6) Bromomethane	1.60	94	1521	0.793 ug/L	98
13) Acetone	2.36	43	1508	0.615 ug/L	64
16) Methylene chloride	2.68	84	1850	0.561 ug/L	88
25) Chloroform	4.67	83	7207	1.188 ug/L	89
35) Methylcyclohexane	6.32	83	40350	6.877 ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	3200	0.611 ug/L #	81
46) Tetrachloroethene	8.22	164	18468	5.340 ug/L	96
48) 2-Hexanone	8.32	43	21328	5.043 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	27587	5.620 ug/L	95

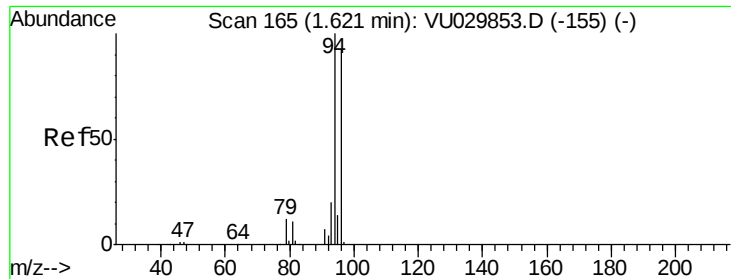
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.793 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029870.D

Acq: 07 Mar 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

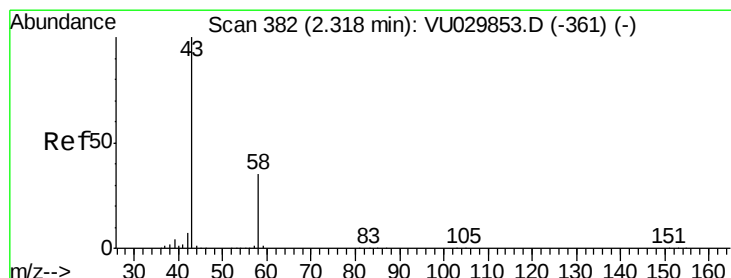
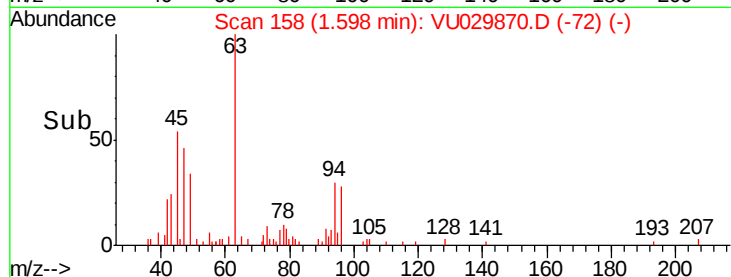
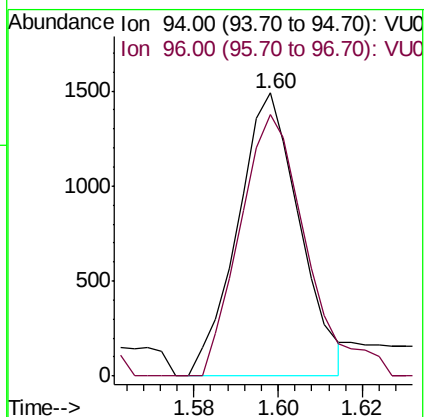
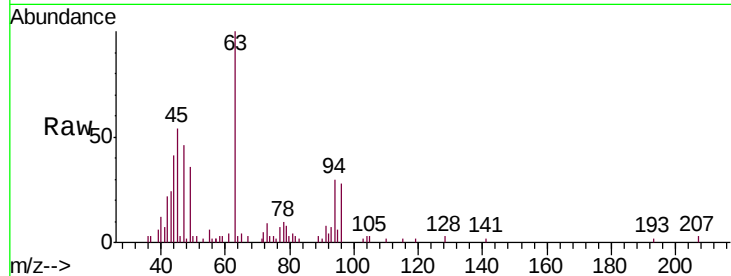
BF2K6ME

Tgt Ion: 94 Resp: 1521

Ion Ratio Lower Upper

94 100

96 92.5 66.4 123.2



#13

Acetone

Concen: 0.615 ug/L

RT: 2.36 min Scan# 394

Delta R.T. 0.04 min

Lab File: VU029870.D

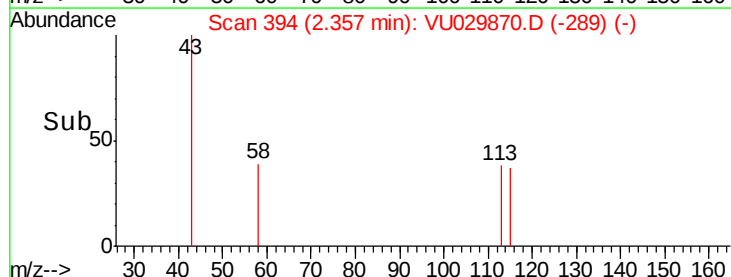
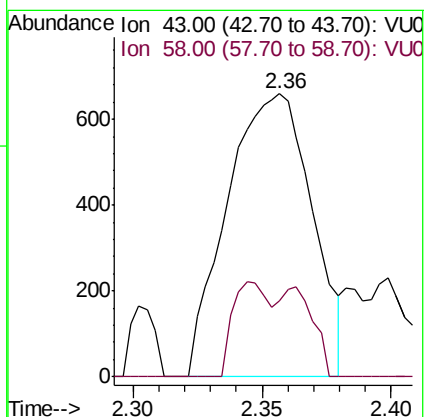
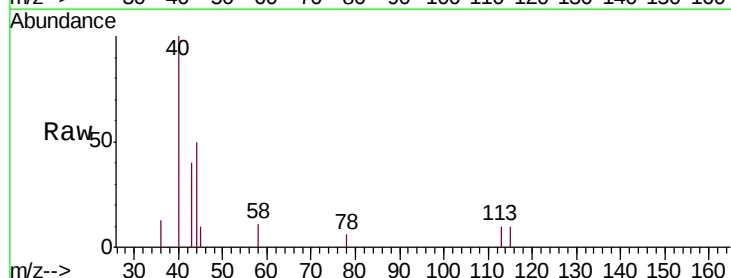
Acq: 07 Mar 2019 22:54

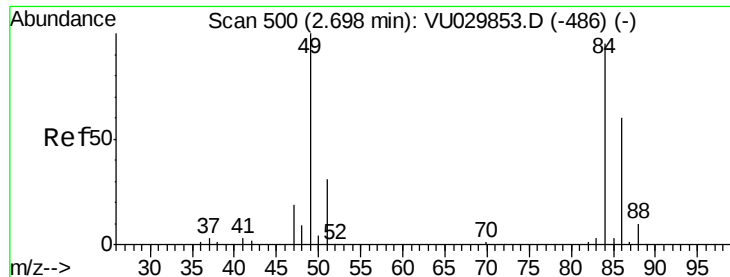
Tgt Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100

58 12.9 0.0 66.8





#16

Methylene chloride

Concen: 0.561 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF2K6ME

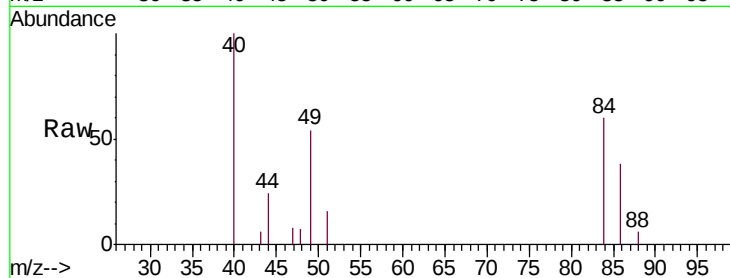
Tgt Ion: 84 Resp: 1850

Ion Ratio Lower Upper

84 100

86 63.1 45.8 85.0

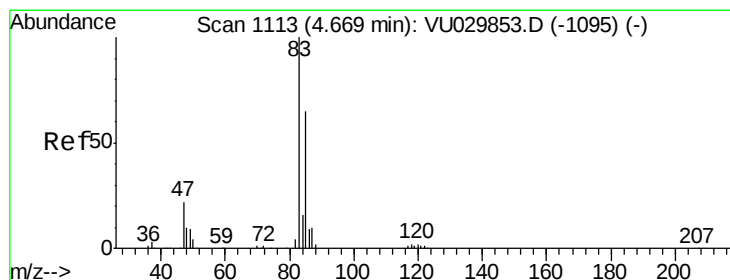
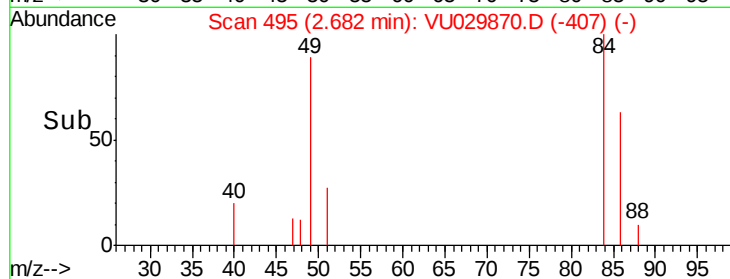
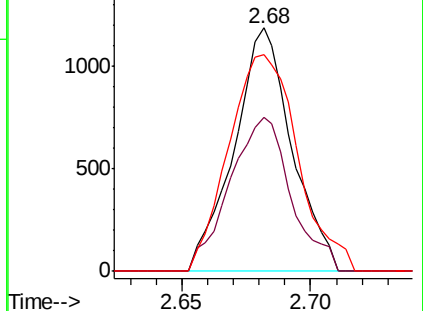
49 89.0 75.1 139.5



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0



#25

Chloroform

Concen: 1.188 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029870.D

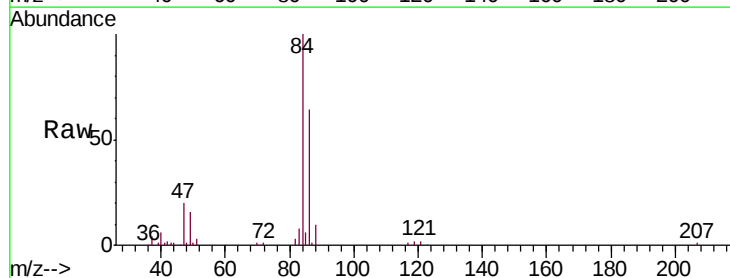
Acq: 07 Mar 2019 22:54

Tgt Ion: 83 Resp: 7207

Ion Ratio Lower Upper

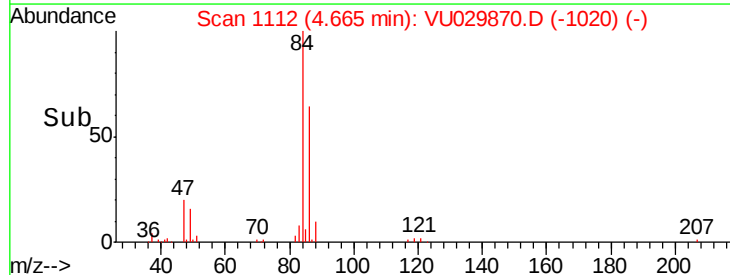
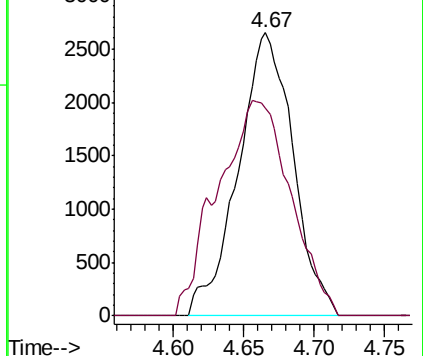
83 100

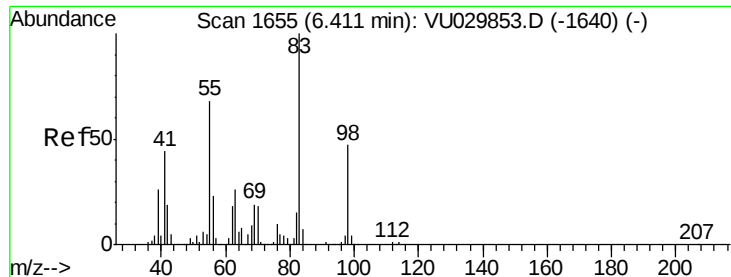
85 73.6 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

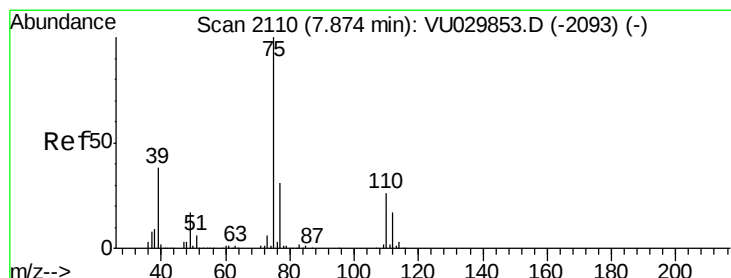
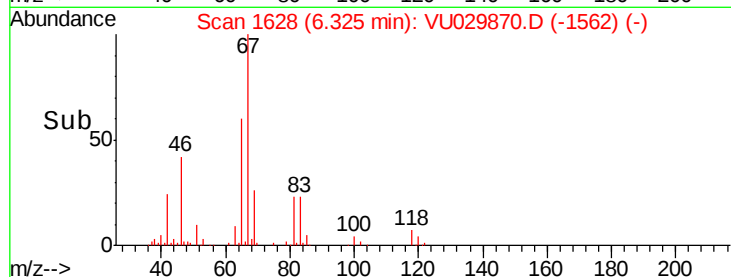
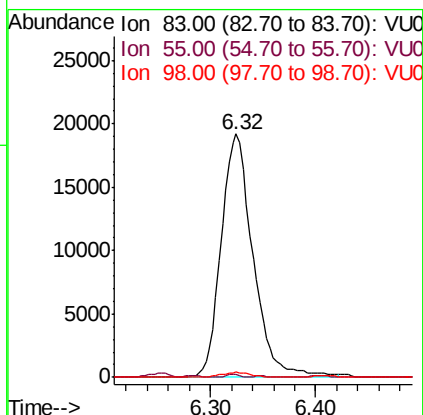
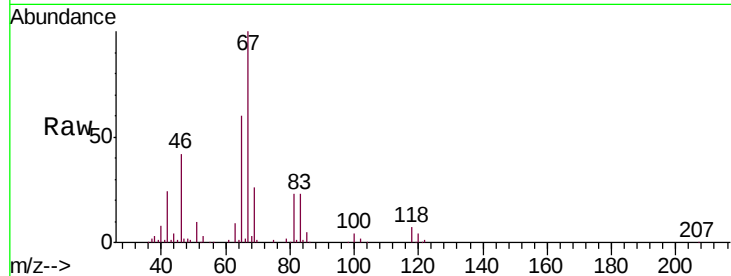




#35
Methylcyclohexane
Concen: 6.877 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU029870.D
Acq: 07 Mar 2019 22:54

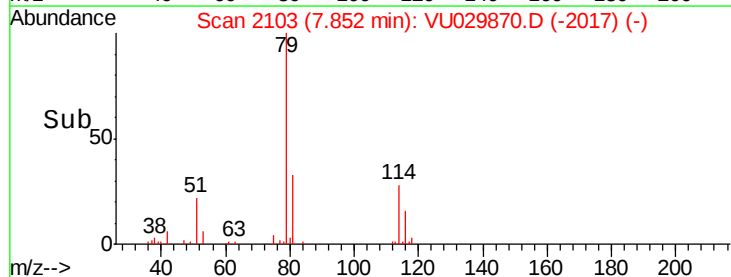
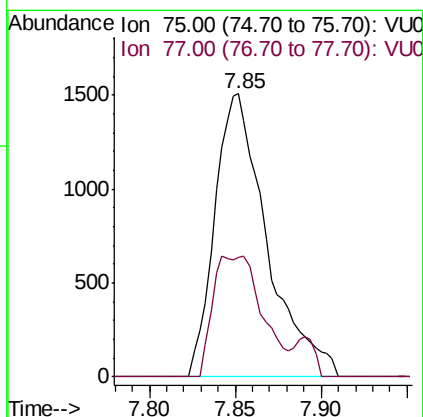
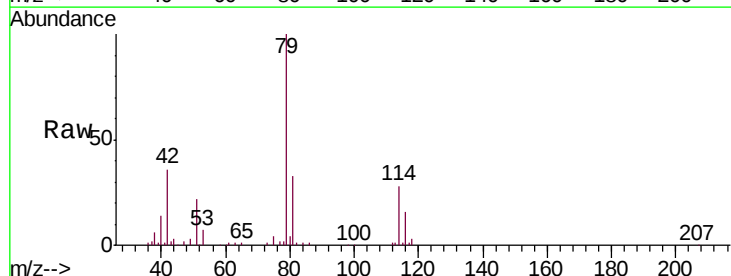
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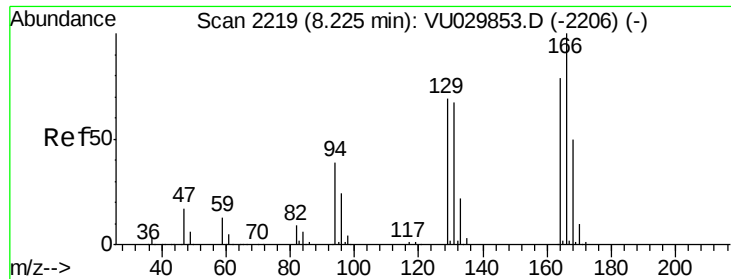
Tgt Ion: 83 Resp: 40350
Ion Ratio Lower Upper
83 100
55 0.4 55.2 82.8#
98 1.7 39.4 59.2#



#44
trans-1,3-Dichloropropene
Concen: 0.611 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029870.D
Acq: 07 Mar 2019 22:54

Tgt Ion: 75 Resp: 3200
Ion Ratio Lower Upper
75 100
77 42.1 22.1 41.1#

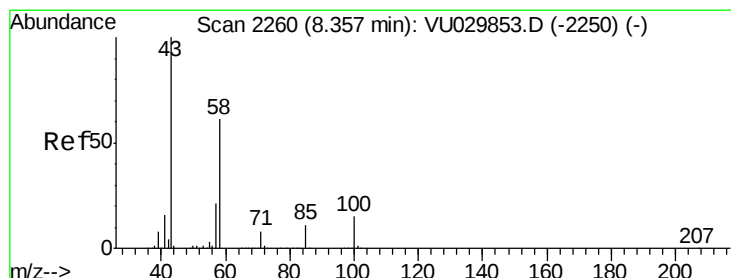
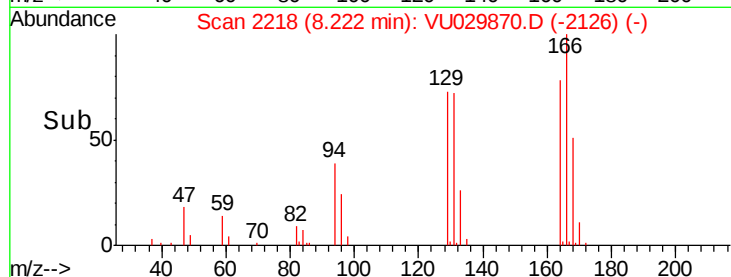
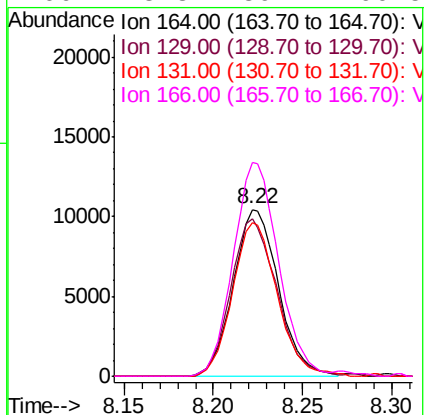
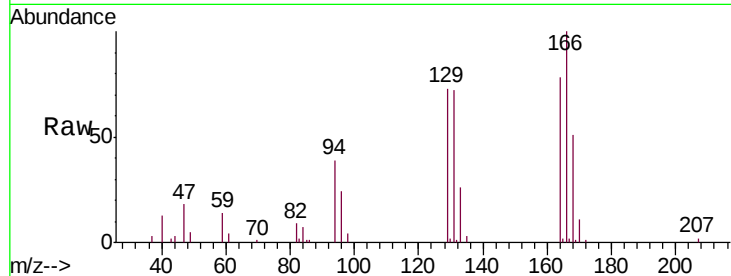




#46
Tetrachloroethene
Concen: 5.340 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029870.D
Acq: 07 Mar 2019 22:54

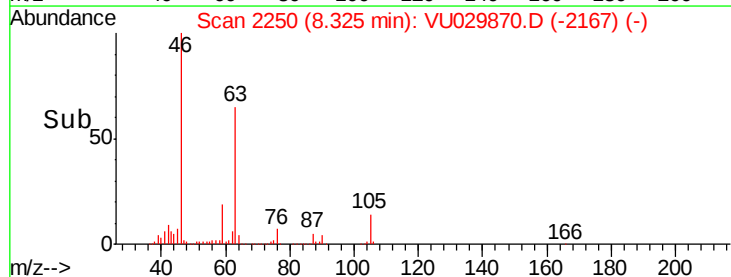
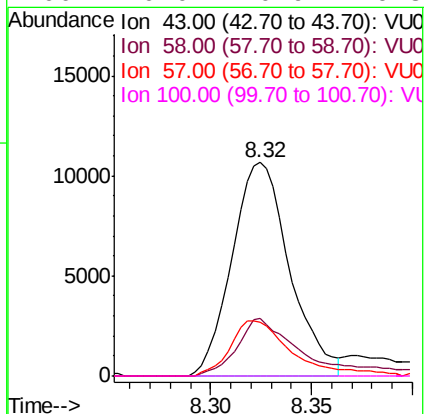
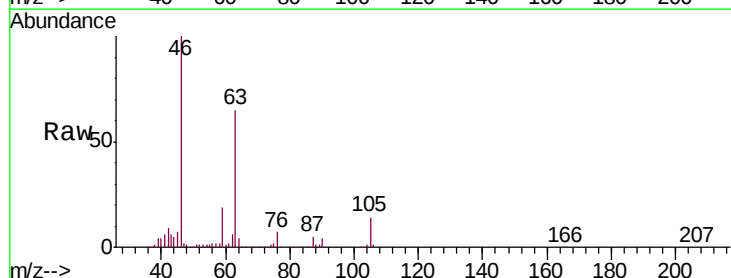
Instrument :
MSVOA_U
ClientSampleId :
BF2K6ME

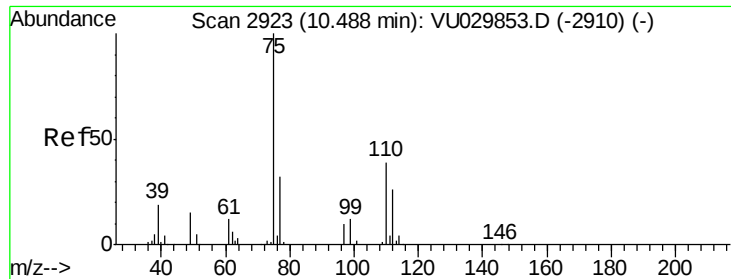
Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.3	62.1	115.3
131	92.4	60.1	111.5
166	128.3	89.7	166.5



#48
2-Hexanone
Concen: 5.043 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU029870.D
Acq: 07 Mar 2019 22:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	46.4	69.6#
57	27.7	15.7	23.5#
100	0.0	10.9	16.3#





#59

1,2,3-Trichloropropane

Concen: 5.620 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029870.D

Acq: 07 Mar 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

BF2K6ME

Tgt Ion: 75 Resp: 27587

Ion Ratio Lower Upper

75 100

77 34.7 25.7 38.5

