

Data File : VU029868.D
Acq On : 07 Mar 2019 22:08
Operator : JC/SP
Sample : K1789-06
Misc : 5.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOP2ME

Quant Time: Mar 08 04:36:36 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	514556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	269055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118071	31.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.62%
7) Chloroethane-d5	1.60	69	122	0.04	ug/L	-0.07
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.23	63	179613	24.37	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.74%#
21) 2-Butanone-d5	4.20	46	231075	100.71	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.71%
24) Chloroform-d	4.64	84	245437	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
26) 1,2-Dichloroethane-d4	5.30	65	160342	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
32) Benzene-d6	5.33	84	532021	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
36) 1,2-Dichloropropane-d6	6.32	67	170496	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.16%
41) Toluene-d8	7.56	98	493652	37.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.26%#
43) trans-1,3-Dichloropropene-	7.85	79	74273	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
47) 2-Hexanone-d5	8.32	63	208144	96.64	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293187	44.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	231309	39.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.78%#

Target Compounds

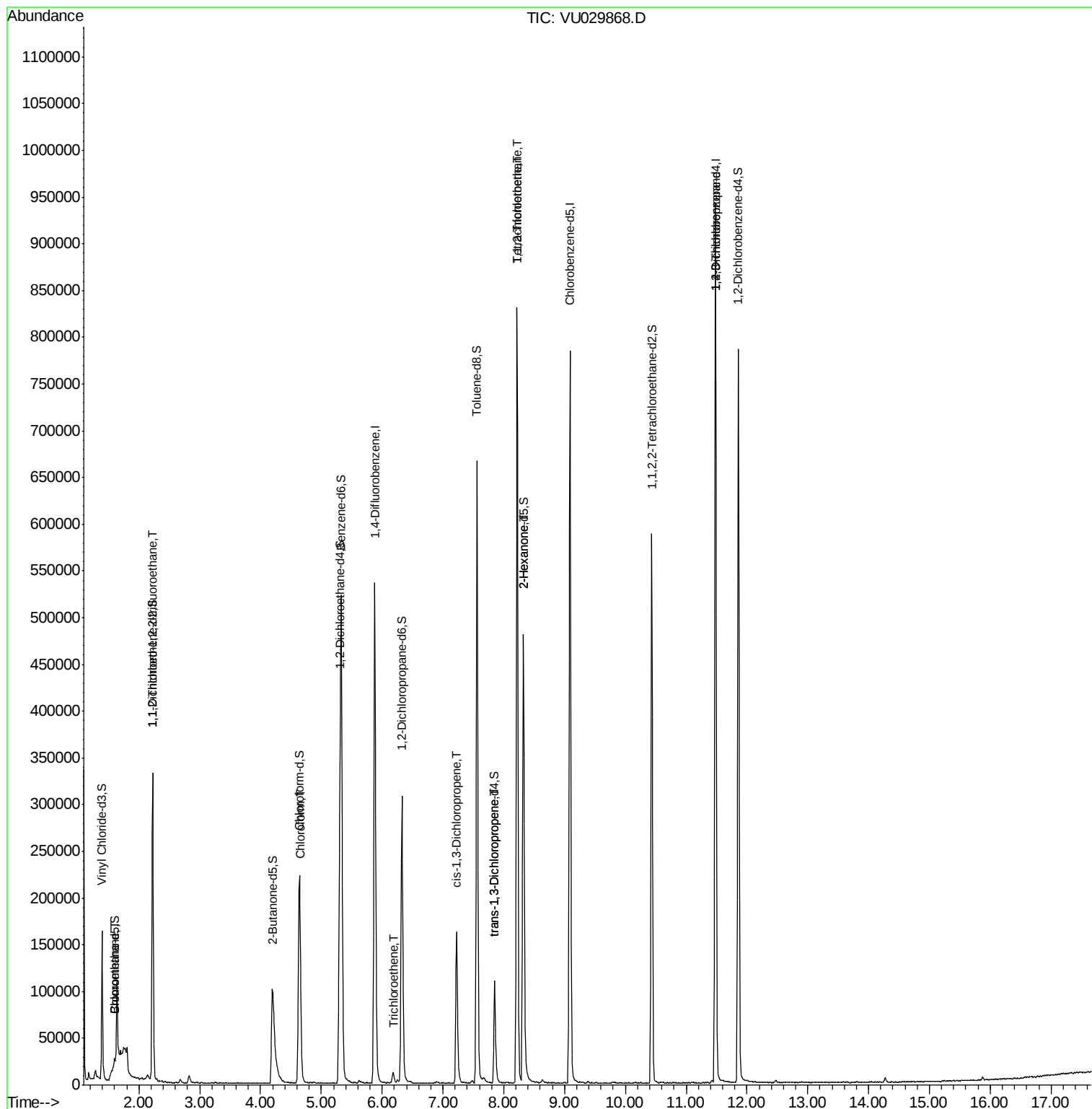
					Qvalue
6) Bromomethane	1.60	94	1887	0.984	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2260	0.631	ug/L # 28
25) Chloroform	4.66	83	7594	1.252	ug/L 92
34) Trichloroethene	6.18	95	3471	0.984	ug/L 86
39) cis-1,3-Dichloropropene	7.22	75	4183	0.754	ug/L # 34
44) trans-1,3-Dichloropropene	7.85	75	3079	0.589	ug/L # 81
45) 1,1,2-Trichloroethane	8.22	97	1337	0.365	ug/L # 1
46) Tetrachloroethene	8.22	164	203519	58.931	ug/L 99
48) 2-Hexanone	8.32	43	21869	5.178	ug/L # 65
59) 1,2,3-Trichloropropane	11.48	75	27009	5.510	ug/L 92

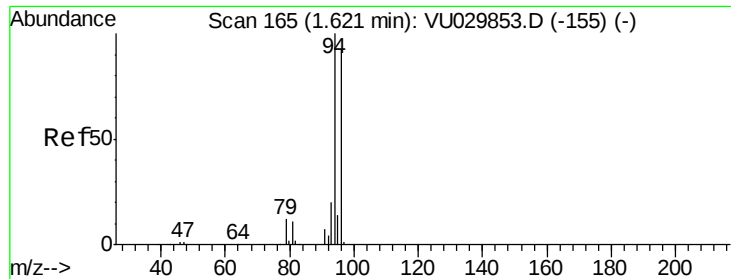
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.984 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

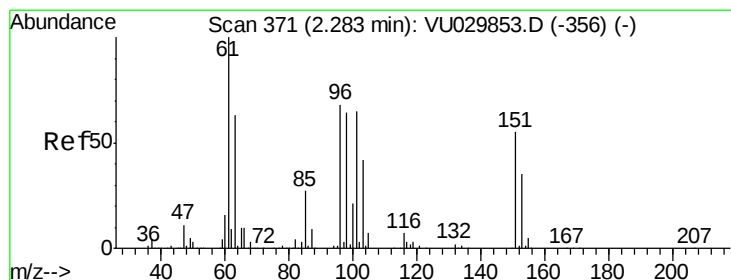
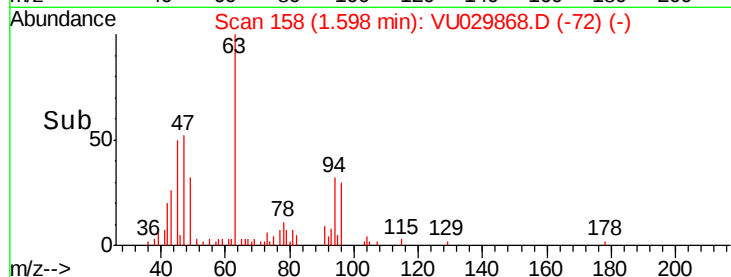
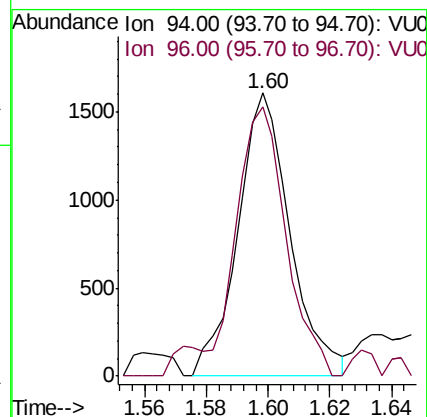
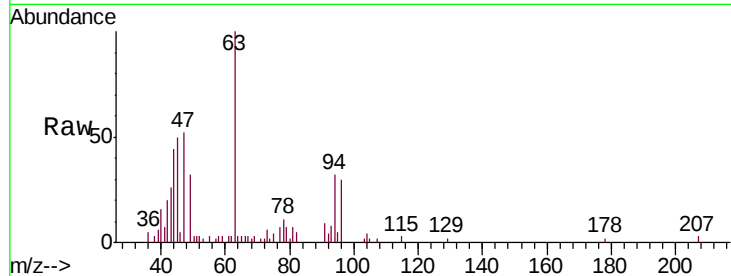
BF0P2ME

Tgt Ion: 94 Resp: 1887

Ion Ratio Lower Upper

94 100

96 95.0 66.4 123.2



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.631 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU029868.D

Acq: 07 Mar 2019 22:08

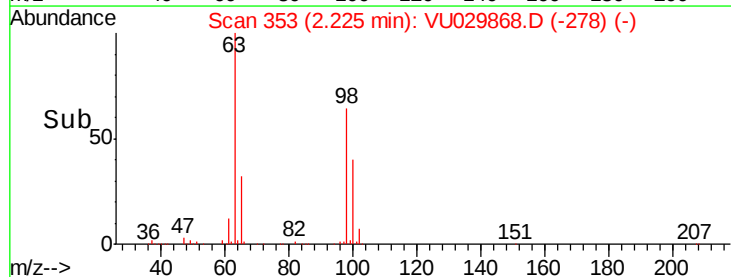
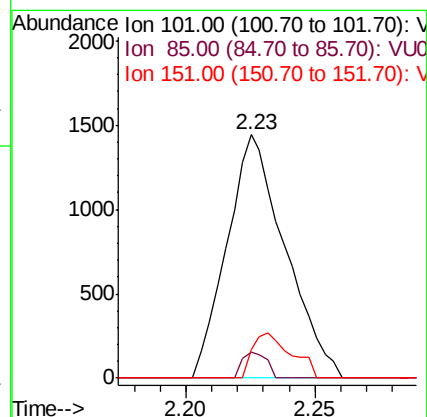
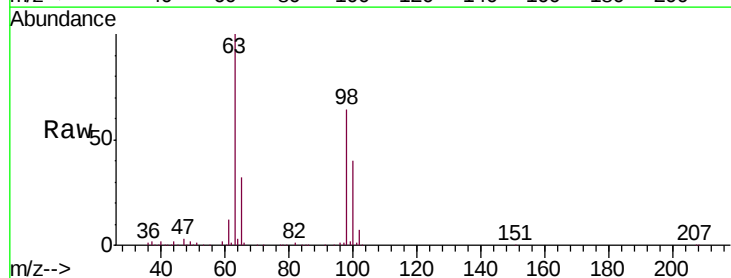
Tgt Ion: 101 Resp: 2260

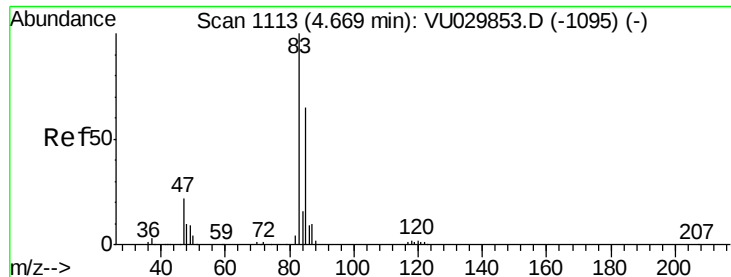
Ion Ratio Lower Upper

101 100

85 4.4 33.0 49.6#

151 11.3 65.7 98.5#





#25

Chloroform

Concen: 1.252 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU029868.D

Acq: 07 Mar 2019 22:08

Instrument :

MSVOA_U

ClientSampleId :

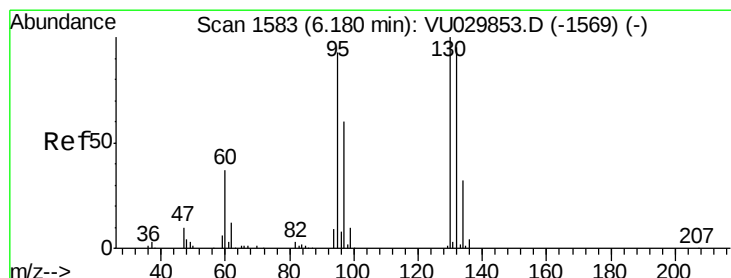
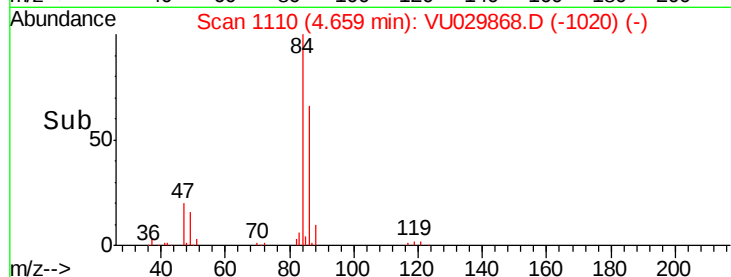
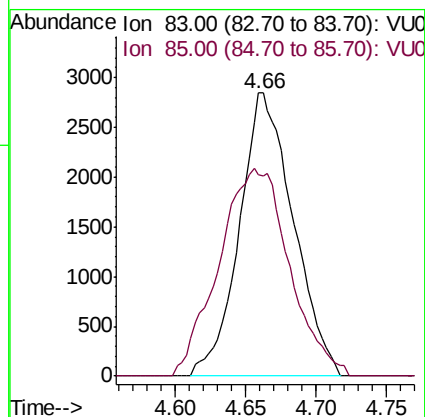
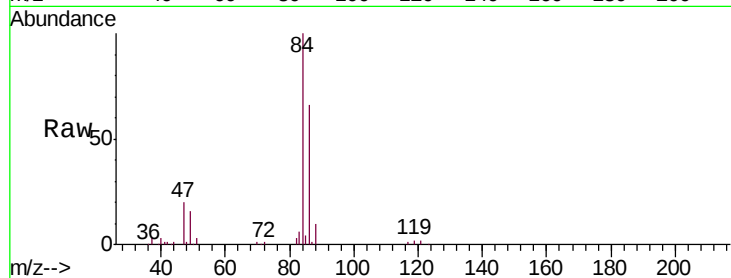
BFOP2ME

Tgt Ion: 83 Resp: 7594

Ion Ratio Lower Upper

83 100

85 71.4 45.4 84.2



#34

Trichloroethene

Concen: 0.984 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029868.D

Acq: 07 Mar 2019 22:08

Tgt Ion: 95 Resp: 3471

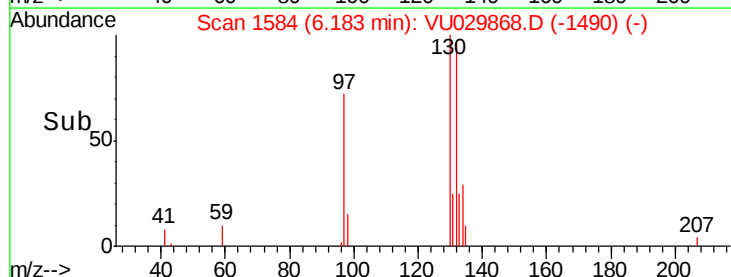
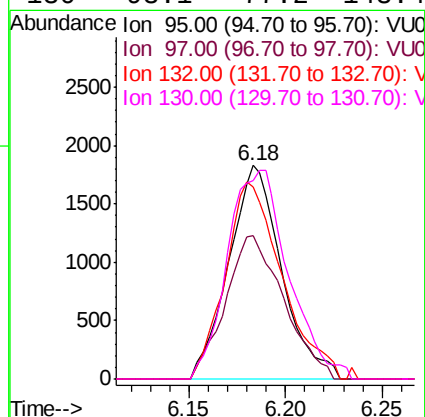
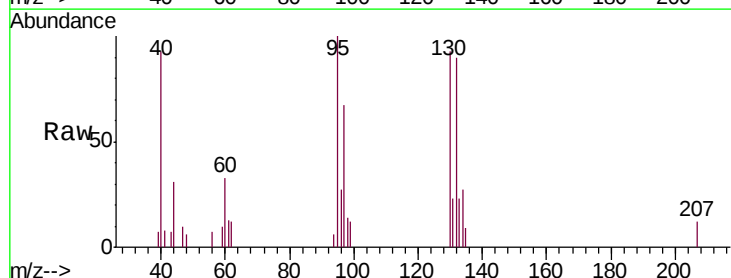
Ion Ratio Lower Upper

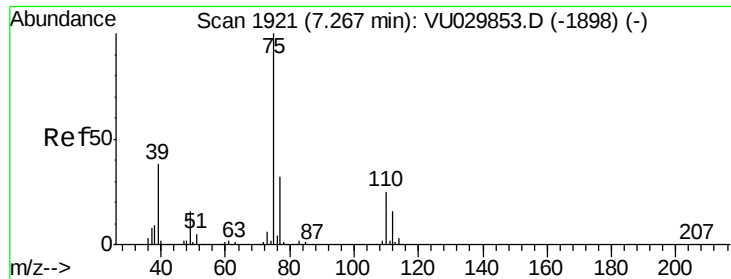
95 100

97 67.4 44.6 82.8

132 89.8 74.6 138.6

130 93.1 77.2 143.4





#39

cis-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029868.D

Acq: 07 Mar 2019 22:08

Instrument :

MSVOA_U

ClientSampleId :

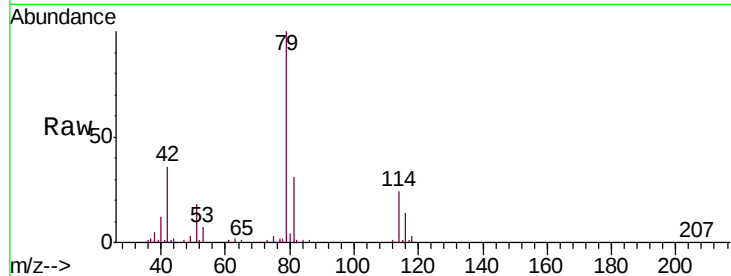
BF0P2ME

Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

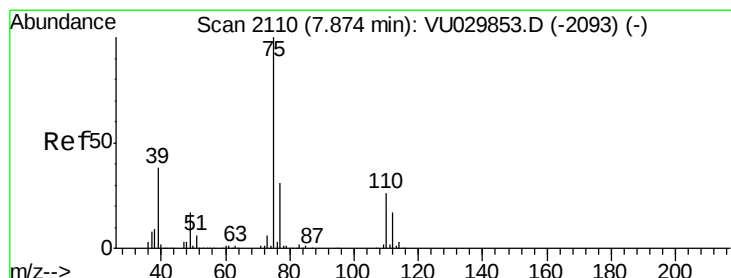
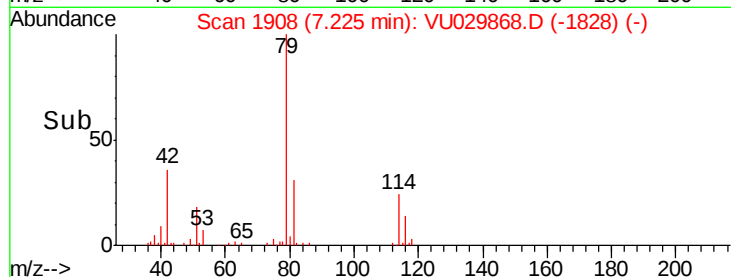
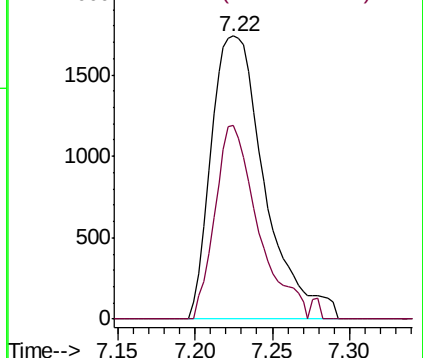
75 100

77 68.5 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.589 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029868.D

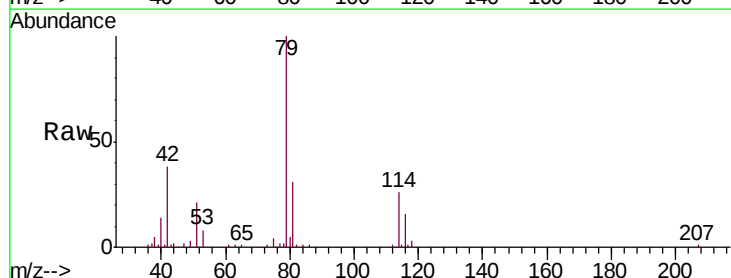
Acq: 07 Mar 2019 22:08

Tgt Ion: 75 Resp: 3079

Ion Ratio Lower Upper

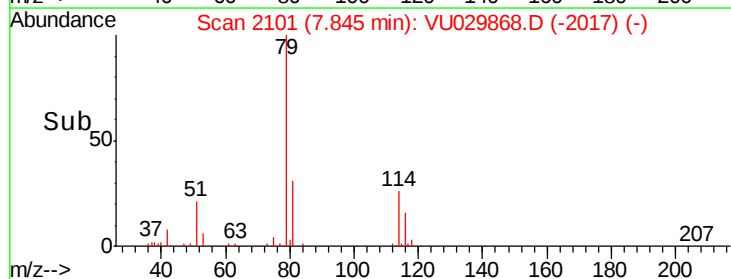
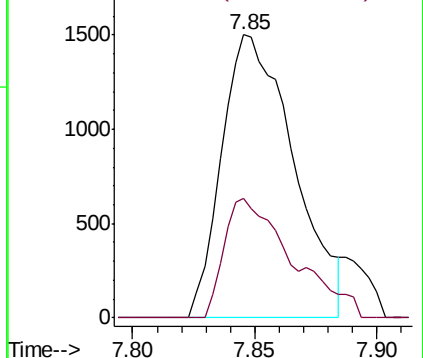
75 100

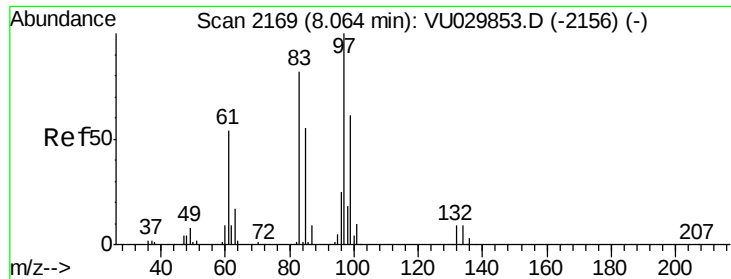
77 42.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

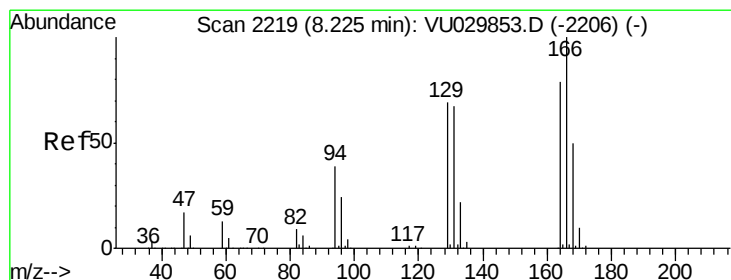
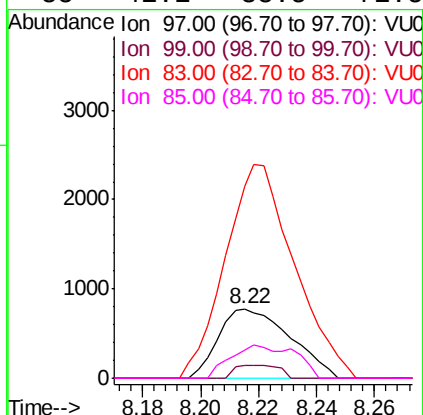
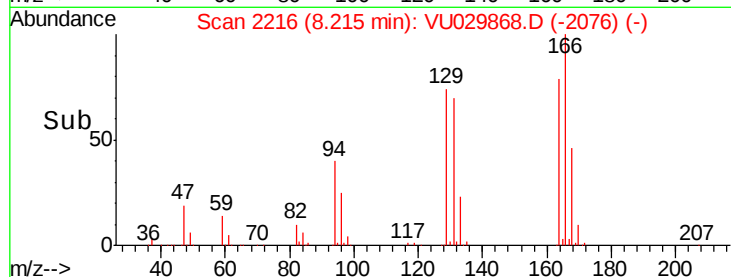
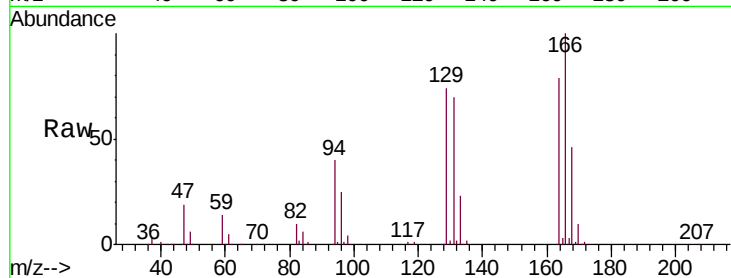




#45
 1,1,2-Trichloroethane
 Concen: 0.365 ug/L
 RT: 8.22 min Scan# 2216
 Delta R.T. 0.15 min
 Lab File: VU029868.D
 Acq: 07 Mar 2019 22:08

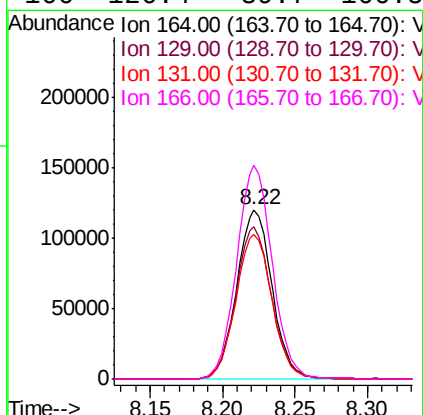
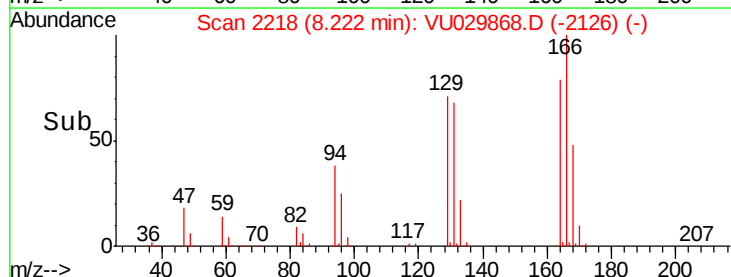
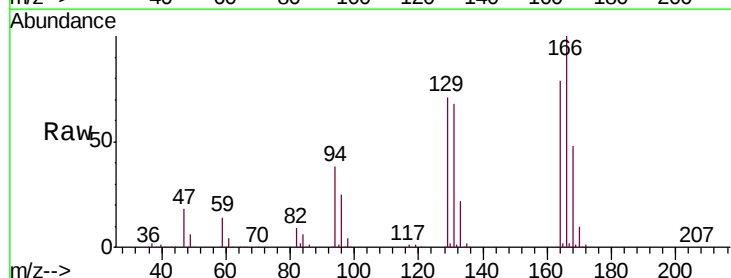
Instrument :
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 ClientSampleId :
 BF0P2ME

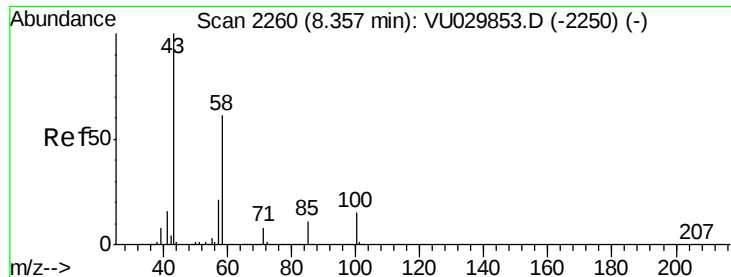
Tgt Ion: 97 Resp: 1337
 Ion Ratio Lower Upper
 97 100
 99 18.6 43.8 81.3#
 83 278.0 57.7 107.1#
 85 41.1 38.5 71.5



#46
 Tetrachloroethene
 Concen: 58.931 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU029868.D
 Acq: 07 Mar 2019 22:08

Tgt Ion: 164 Resp: 203519
 Ion Ratio Lower Upper
 164 100
 129 89.8 62.1 115.3
 131 85.7 60.1 111.5
 166 126.4 89.7 166.5

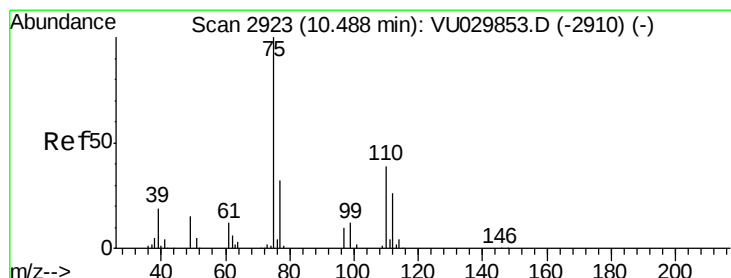
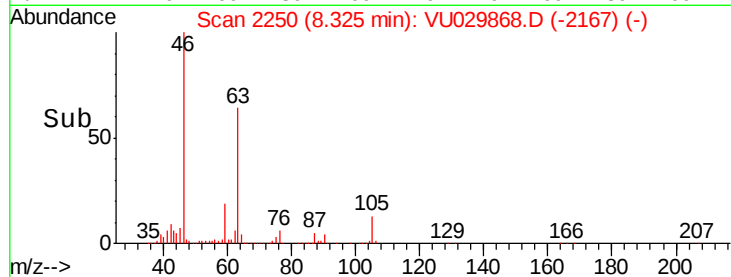
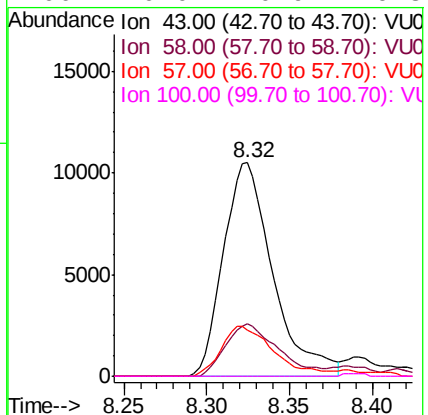
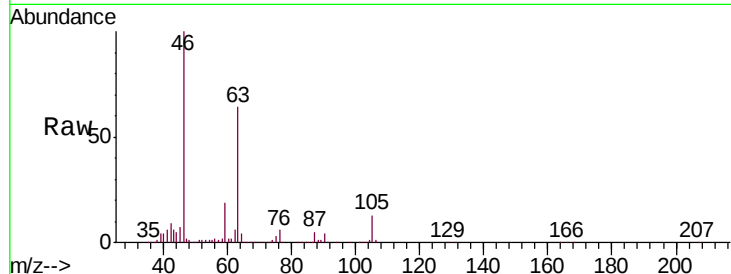




#48
 2-Hexanone
 Concen: 5.178 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.03 min
 Lab File: VU029868.D
 Acq: 07 Mar 2019 22:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P2ME

Tgt Ion: 43 Resp: 21869
 Ion Ratio Lower Upper
 43 100
 58 24.8 46.4 69.6#
 57 23.1 15.7 23.5
 100 0.0 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.510 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029868.D
 Acq: 07 Mar 2019 22:08

Tgt Ion: 75 Resp: 27009
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5

