

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029942.D
 Acq On : 10 Mar 2019 12:32
 Operator : JC/SP
 Sample : K1789-02ME
 Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFON8ME

Quant Time: Mar 11 07:35:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 07:10:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	573997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147136	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.71	69	119	0.04	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.23	63	209086	31.67	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.34%
21) 2-Butanone-d5	4.20	46	239196	88.16	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	4.64	84	277631	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.30	65	172189	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.24%
32) Benzene-d6	5.33	84	613829	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.32	67	187214	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.56	98	571379	41.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.52%
43) trans-1,3-Dichloropropene-	7.85	79	86827	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.30%
47) 2-Hexanone-d5	8.32	63	211082	91.08	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311109	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	246026	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%

Target Compounds

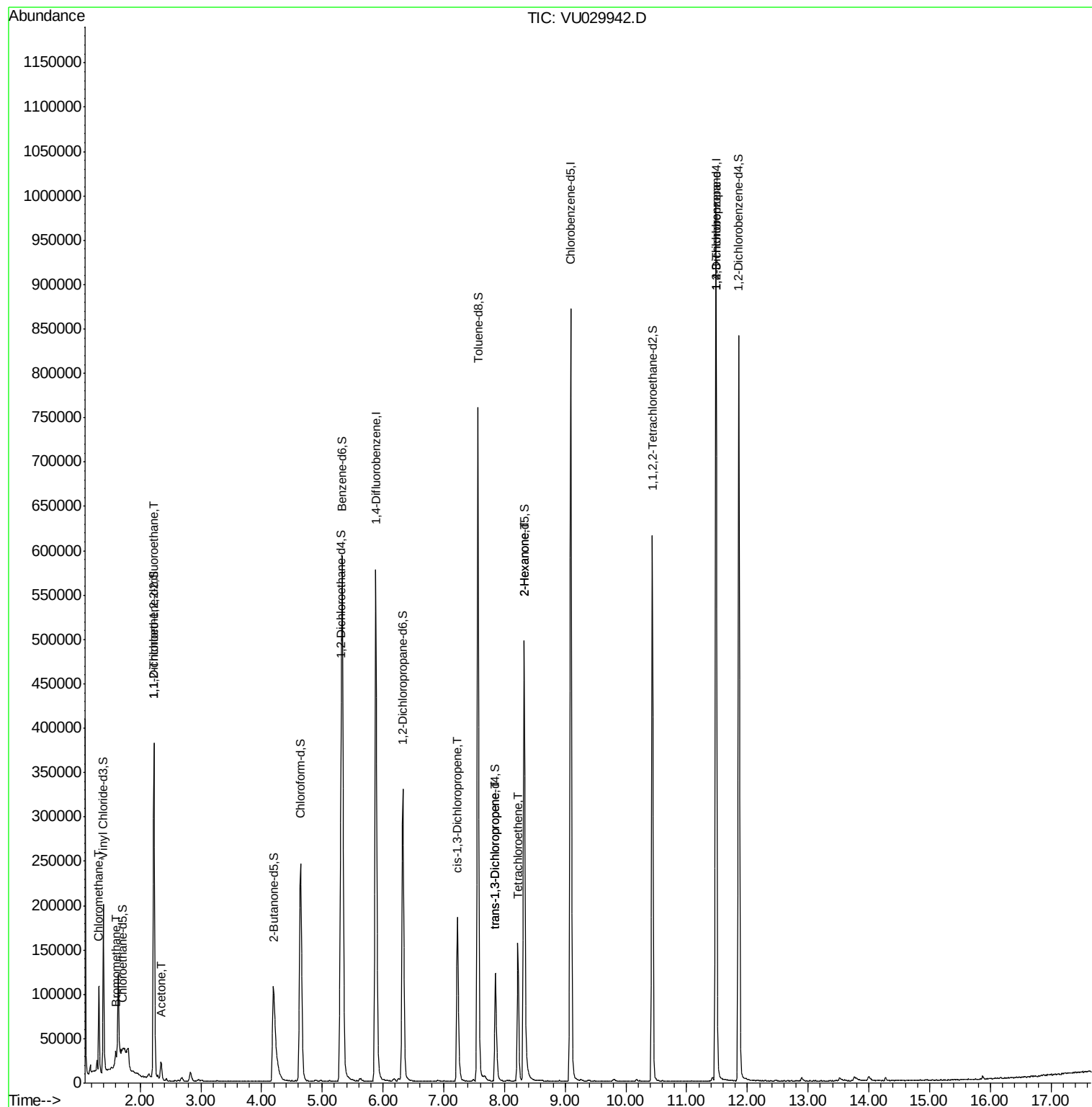
					Qvalue
3) Chloromethane	1.32	50	73832	12.743	ug/L 98
6) Bromomethane	1.60	94	4366	3.669	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2559	0.700	ug/L # 24
13) Acetone	2.35	43	2019	0.682	ug/L 62
39) cis-1,3-Dichloropropene	7.22	75	4483	0.739	ug/L # 65
44) trans-1,3-Dichloropropene	7.85	75	4102	0.759	ug/L # 68
46) Tetrachloroethene	8.22	164	39733	11.198	ug/L 97
48) 2-Hexanone	8.32	43	20964	4.668	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	29494	5.585	ug/L 95

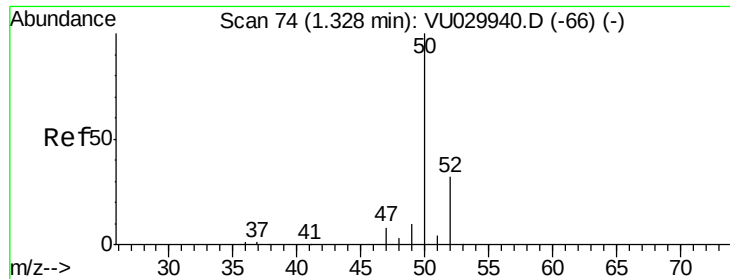
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 12.743 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

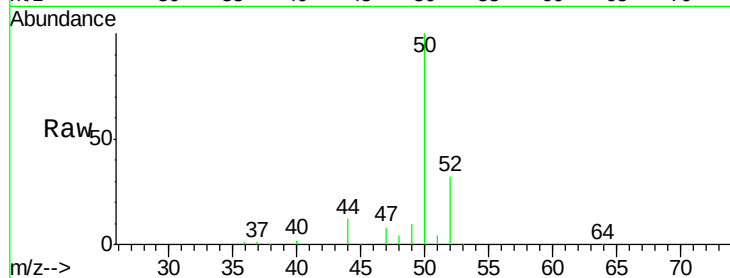
BFON8ME

Tgt Ion: 50 Resp: 73832

Ion Ratio Lower Upper

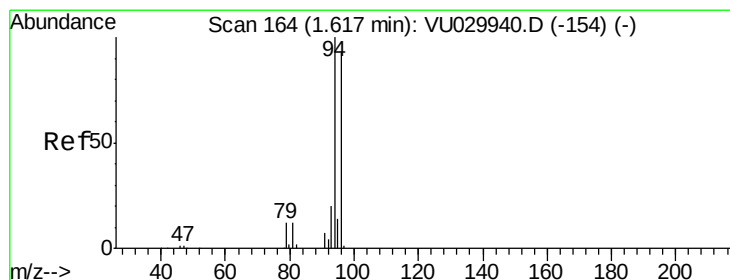
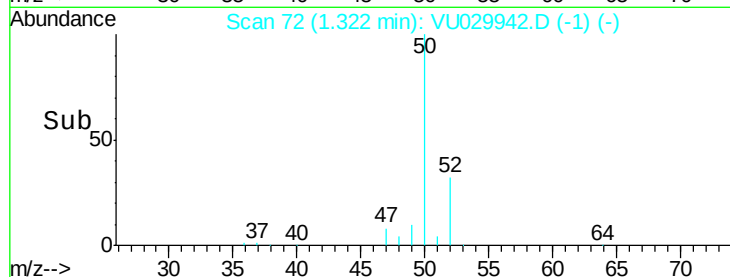
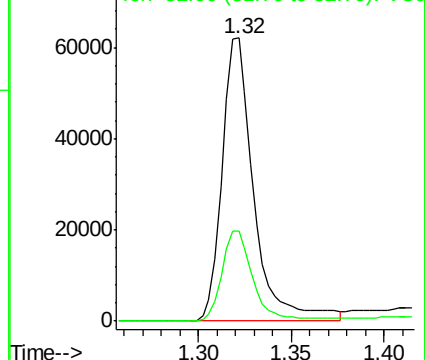
50 100

52 31.9 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.669 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029942.D

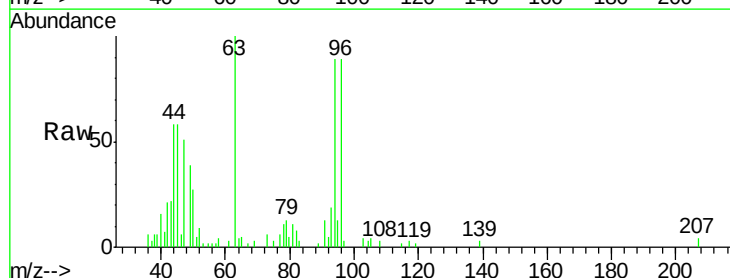
Acq: 10 Mar 2019 12:32

Tgt Ion: 94 Resp: 4366

Ion Ratio Lower Upper

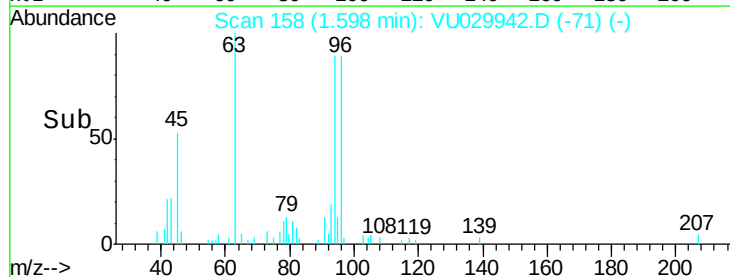
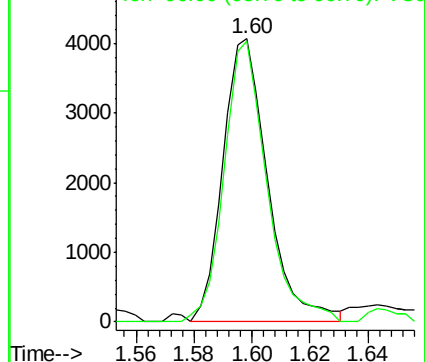
94 100

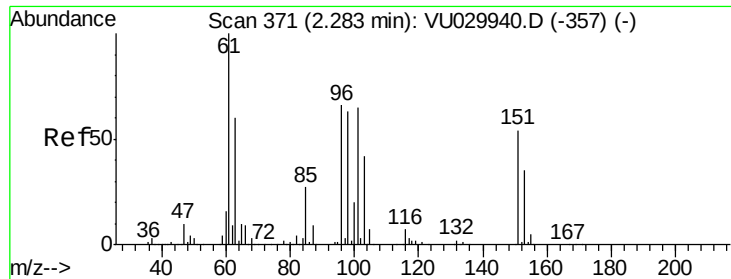
96 99.4 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.700 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

BFON8ME

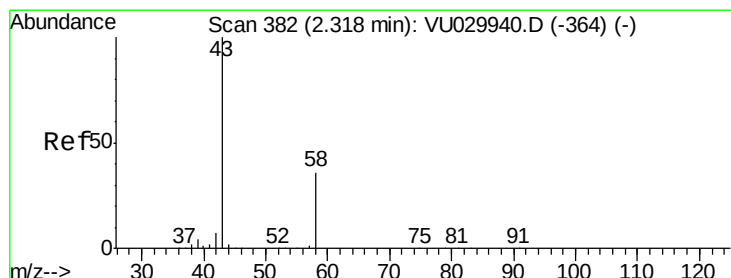
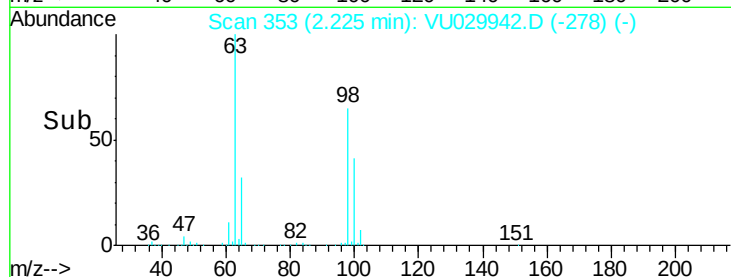
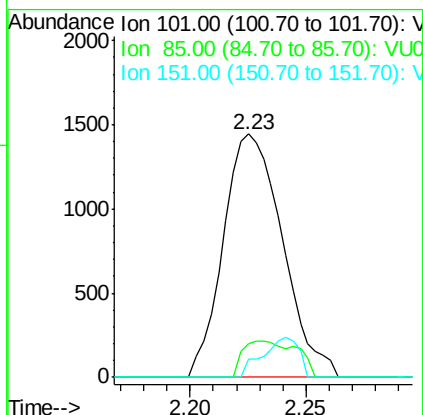
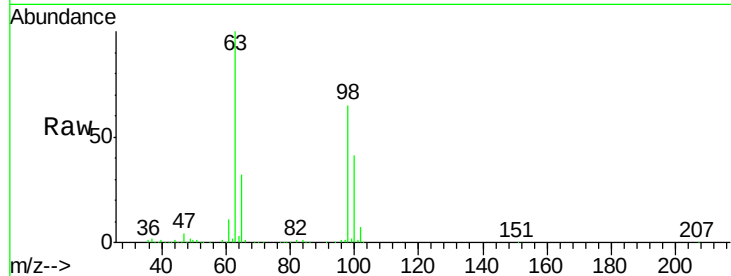
Tgt Ion:101 Resp: 2559

Ion Ratio Lower Upper

101 100

85 10.2 33.4 50.2#

151 1.7 65.8 98.6#



#13

Acetone

Concen: 0.682 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.03 min

Lab File: VU029942.D

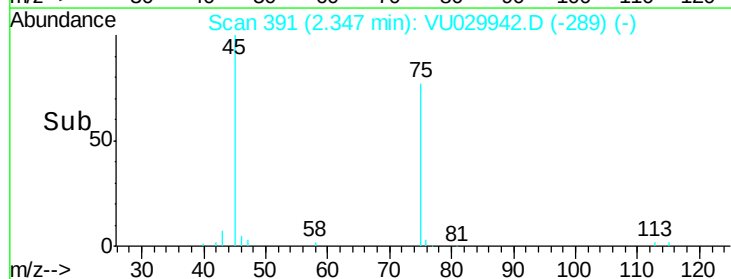
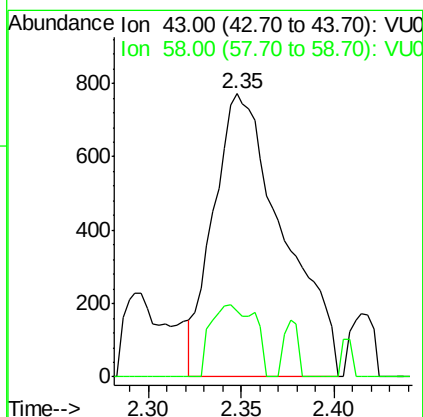
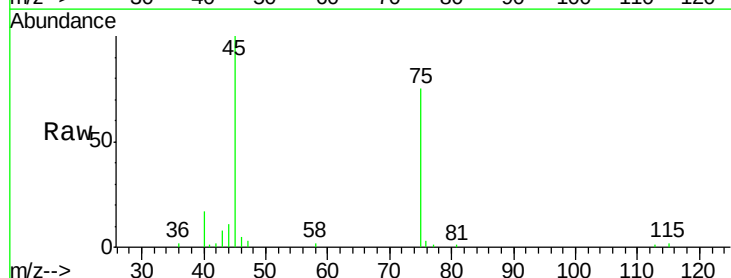
Acq: 10 Mar 2019 12:32

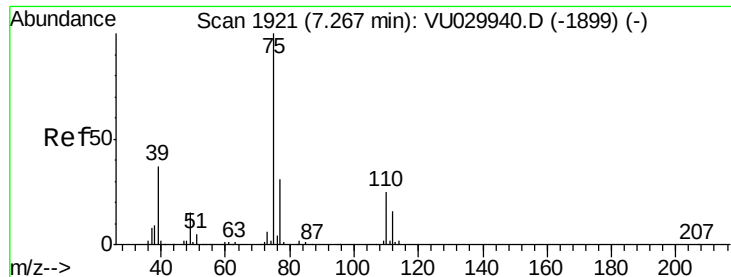
Tgt Ion: 43 Resp: 2019

Ion Ratio Lower Upper

43 100

58 13.0 0.0 70.2





#39

cis-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

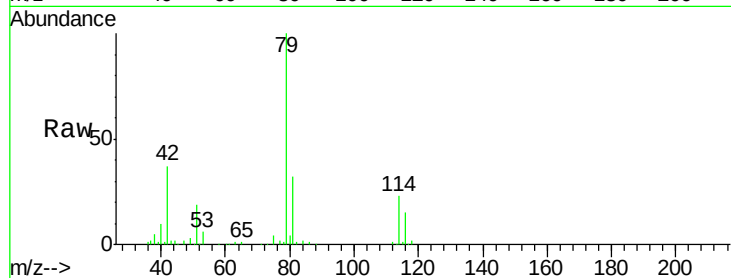
BFON8ME

Tgt Ion: 75 Resp: 4483

Ion Ratio Lower Upper

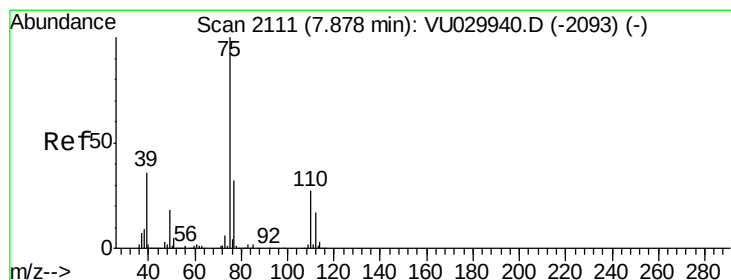
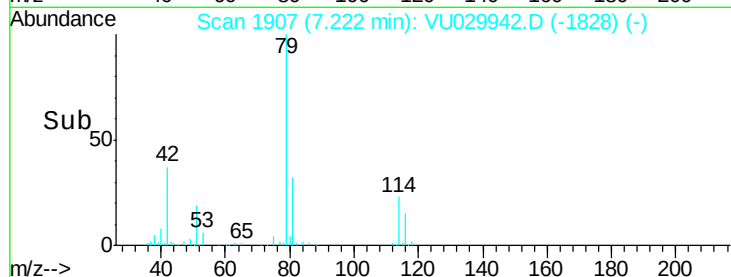
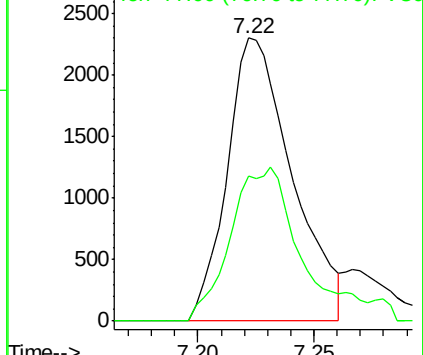
75 100

77 51.5 22.5 41.9#



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: 0.759 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU029942.D

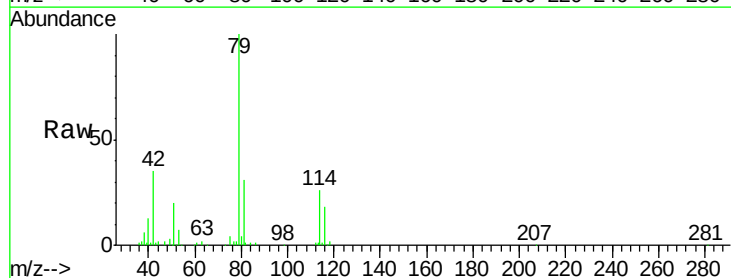
Acq: 10 Mar 2019 12:32

Tgt Ion: 75 Resp: 4102

Ion Ratio Lower Upper

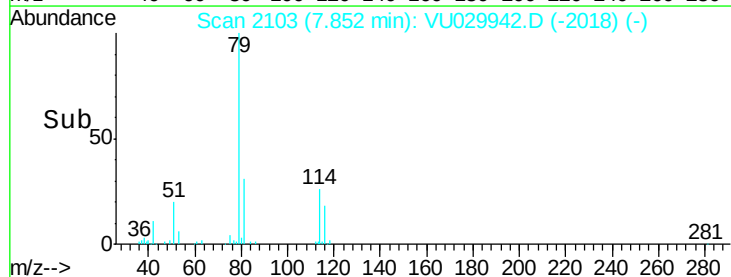
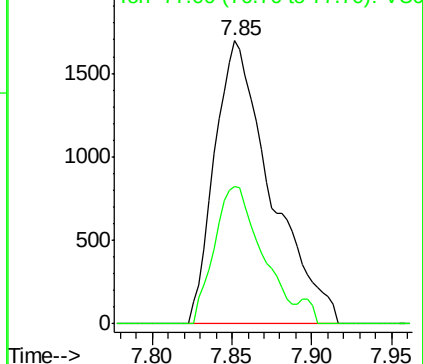
75 100

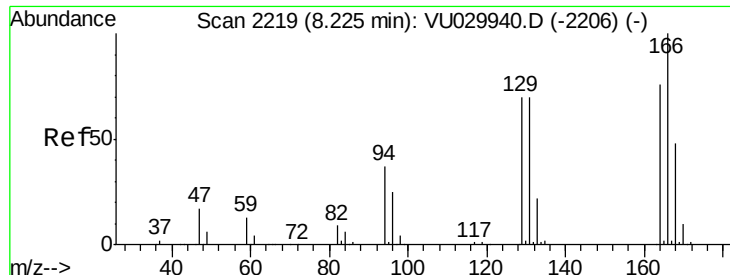
77 48.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

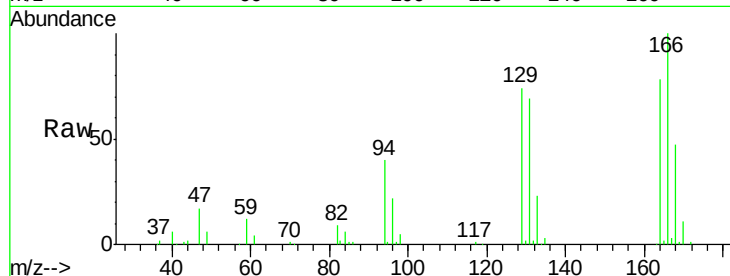




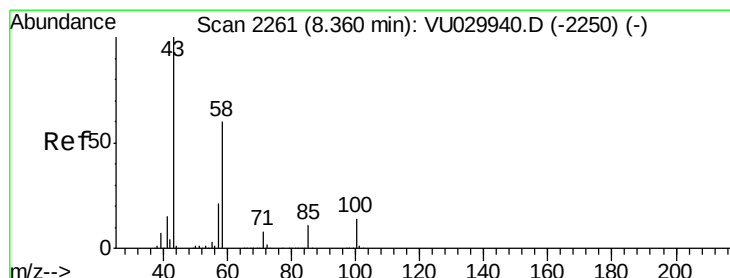
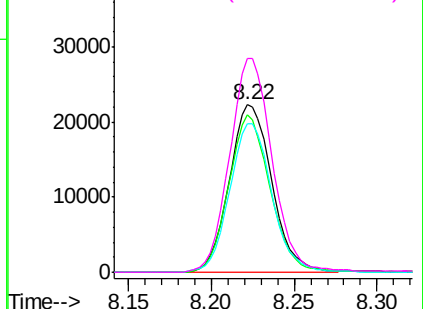
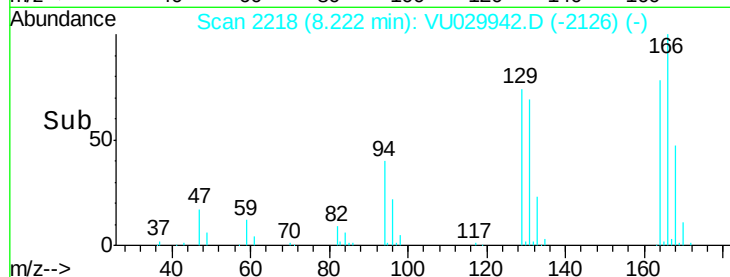
#46
Tetrachloroethene
Concen: 11.198 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029942.D
Acq: 10 Mar 2019 12:32

Instrument :
MSVOA_U
ClientSampleId :
BFON8ME

Tgt Ion:164 Resp: 39733
Ion Ratio Lower Upper
164 100
129 94.0 61.0 113.2
131 88.5 60.5 112.3
166 127.6 88.3 163.9

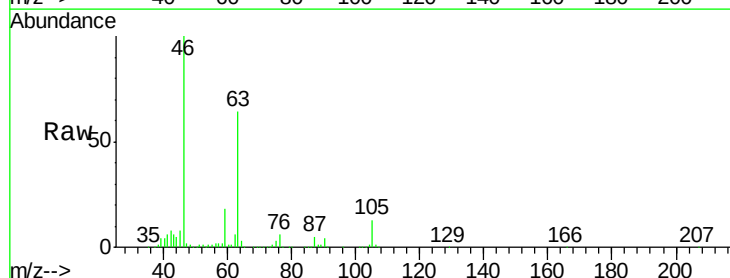


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

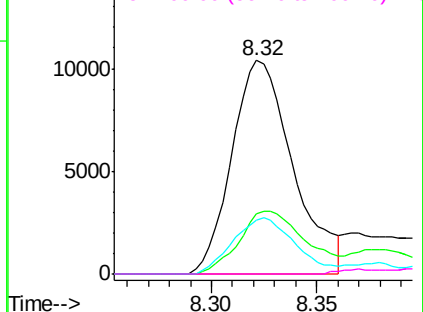
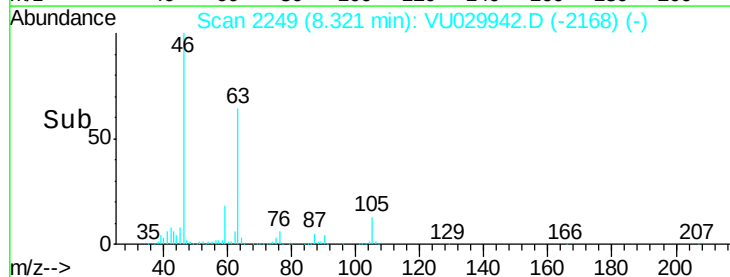


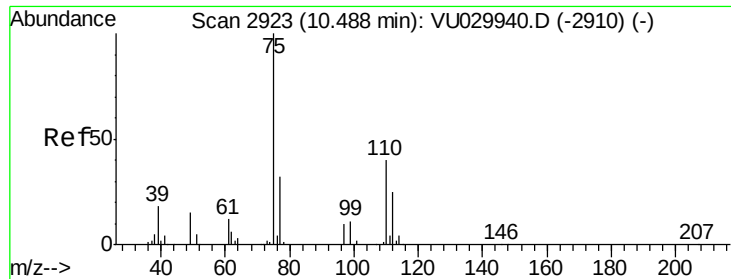
#48
2-Hexanone
Concen: 4.668 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU029942.D
Acq: 10 Mar 2019 12:32

Tgt Ion: 43 Resp: 20964
Ion Ratio Lower Upper
43 100
58 32.0 49.2 73.8#
57 26.7 16.6 25.0#
100 0.0 11.4 17.0#



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





#59

1,2,3-Trichloropropane

Concen: 5.585 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

BF0N8ME

Tgt Ion: 75 Resp: 29494

Ion Ratio Lower Upper

75 100

77 35.3 26.1 39.1

