

Data File : VU030809.D
Acq On : 06 Apr 2019 18:35
Operator : JC/SP
Sample : K2277-08ME
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF171ME

Quant Time: Apr 08 05:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477742	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471181	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	173018	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.64	69	129424	39.99	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.98%
11) 1,1-Dichloroethene-d2	2.23	63	271142	35.15	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	4.19	46	340104	100.62	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.64	84	307170	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.30	65	226908	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.33	84	655910	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.32	67	229440	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.34%
41) Toluene-d8	7.56	98	565387	46.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.74%
43) trans-1,3-Dichloropropene-	7.85	79	102688	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.32	63	240091	111.44	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	337054	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	216657	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2299	0.672	ug/L #	23
12) 1,1-Dichloroethene	2.24	96	5220	1.581	ug/L #	1
13) Acetone	2.34	43	1703	0.492	ug/L	89
20) cis-1,2-Dichloroethene	4.21	96	17437	4.504	ug/L	90
25) Chloroform	4.66	83	20328	2.795	ug/L	97
34) Trichloroethene	6.18	95	9701	2.565	ug/L	91
39) cis-1,3-Dichloropropene	7.22	75	5713	0.919	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	4236	0.773	ug/L #	75
46) Tetrachloroethene	8.22	164	52769	19.192	ug/L	98
48) 2-Hexanone	8.32	43	30215	5.516	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	27631	5.284	ug/L	89

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

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ClientSampleId :
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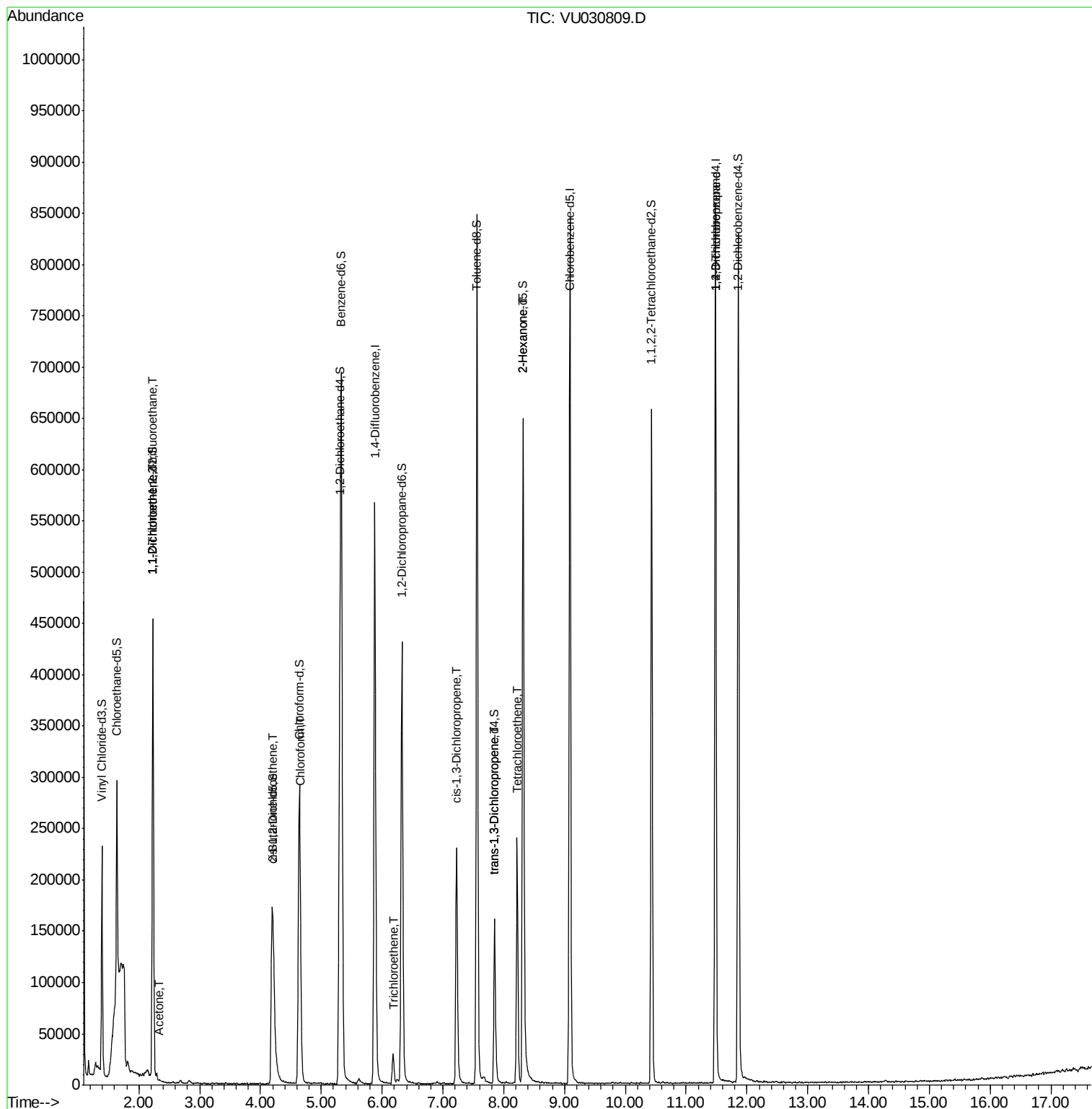
Quant Time: Apr 08 05:06:51 2019

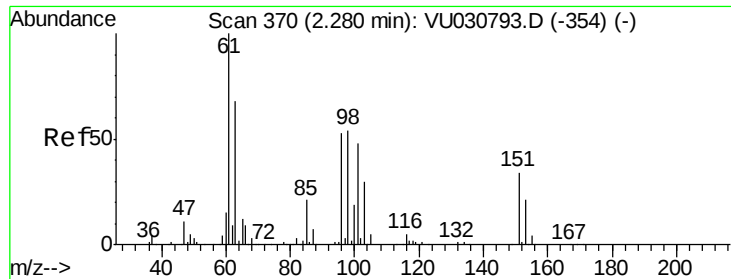
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Apr 08 05:01:06 2019

Response via : Initial Calibration





#10

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

Concen: 0.672 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

BF171ME

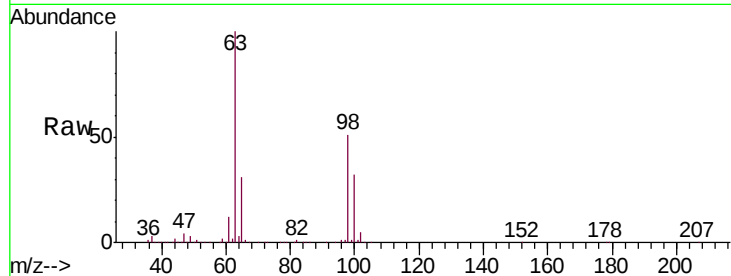
Tgt Ion: 101 Resp: 2299

Ion Ratio Lower Upper

101 100

85 4.0 36.8 55.2#

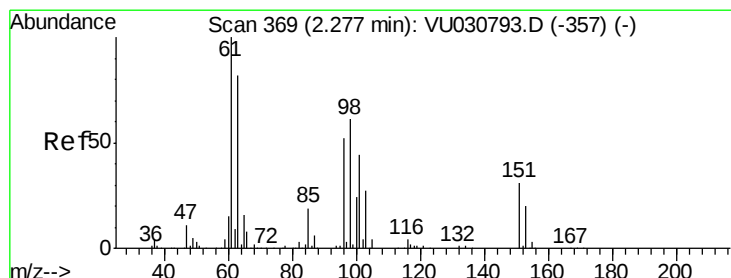
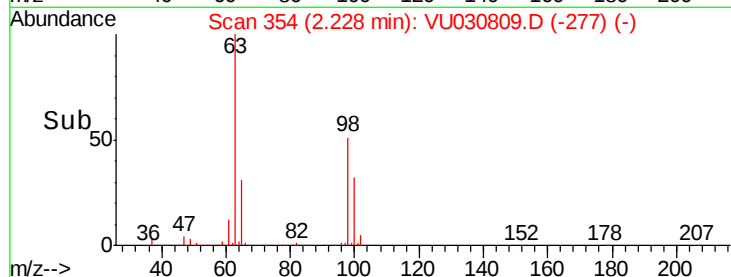
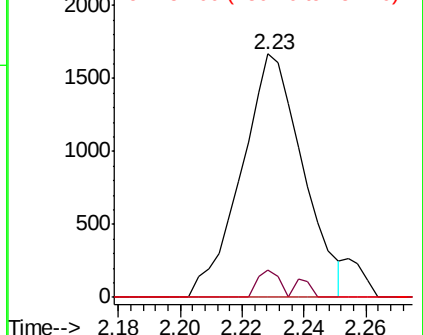
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.581 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

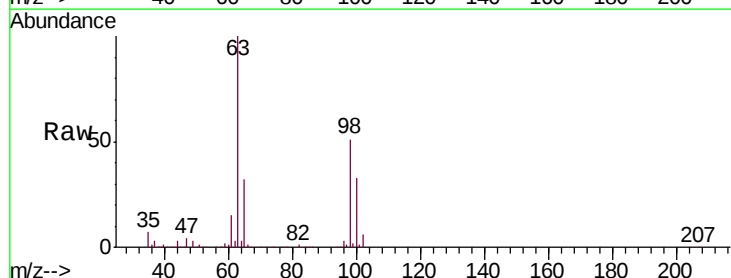
Tgt Ion: 96 Resp: 5220

Ion Ratio Lower Upper

96 100

61 479.6 132.0 245.2#

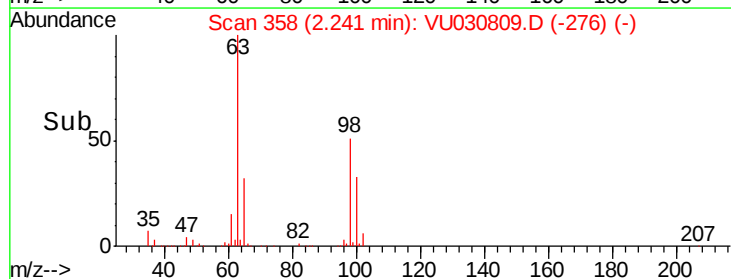
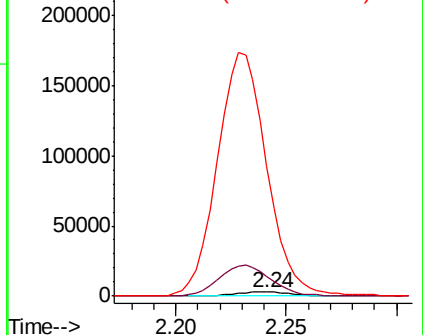
63 3161.9 90.9 168.9#

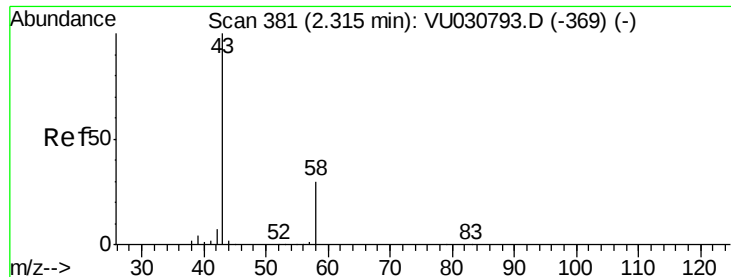


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.492 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

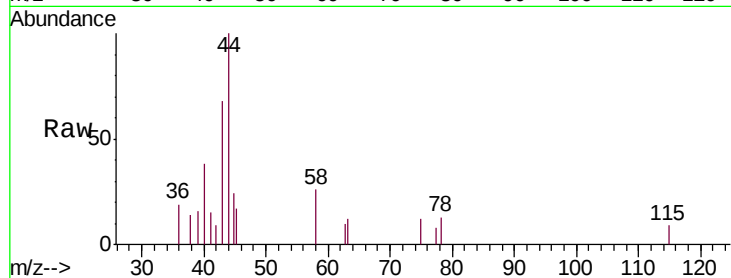
BF171ME

Tgt Ion: 43 Resp: 1703

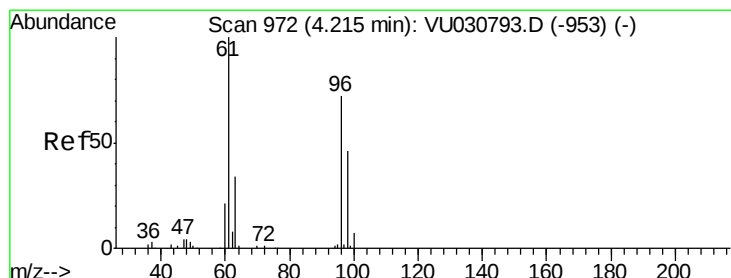
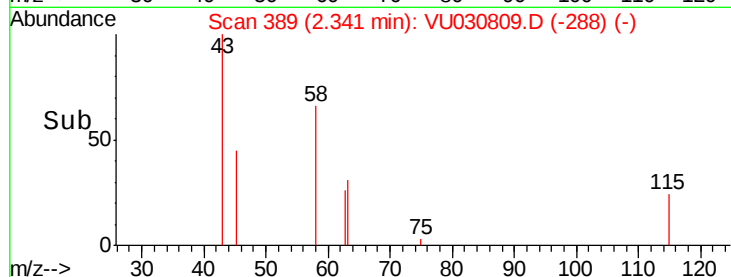
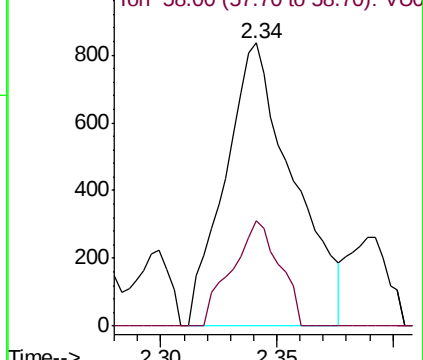
Ion Ratio Lower Upper

43 100

58 26.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030809.D (-369) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.504 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.01 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

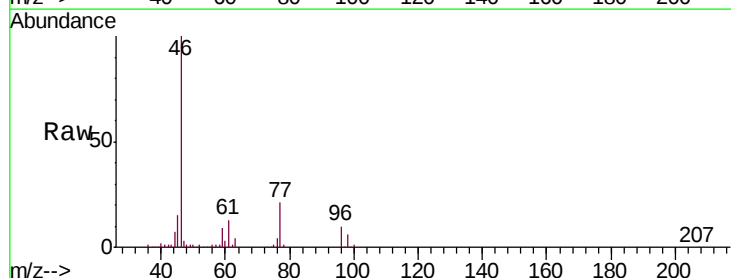
Tgt Ion: 96 Resp: 17437

Ion Ratio Lower Upper

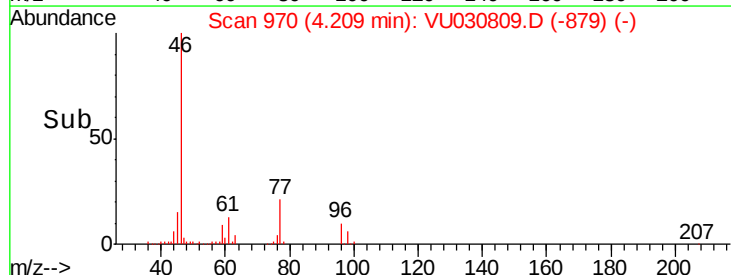
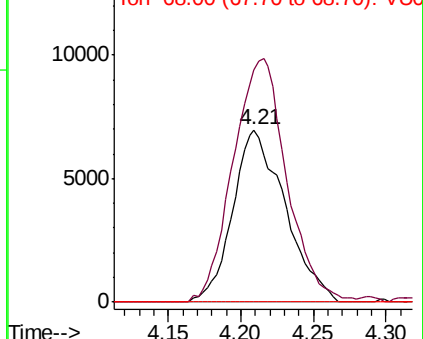
96 100

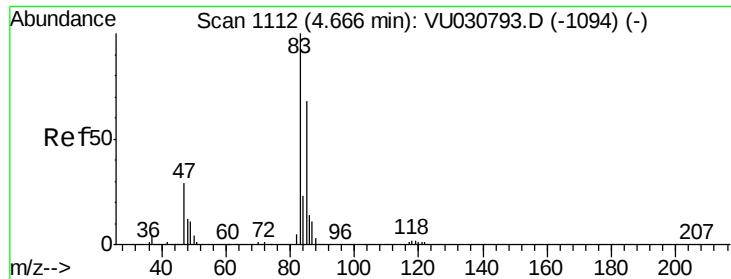
61 134.8 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030809.D (-953) (-)





#25

Chloroform

Concen: 2.795 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

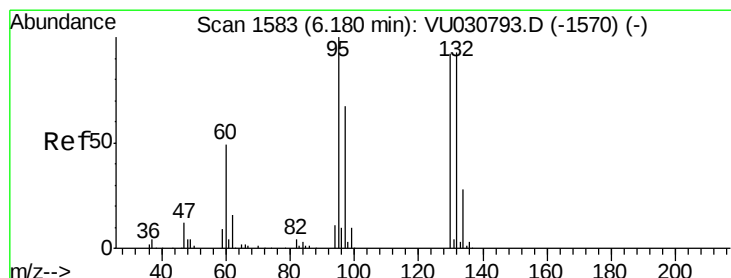
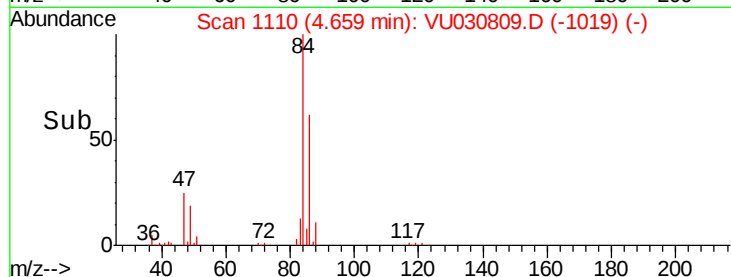
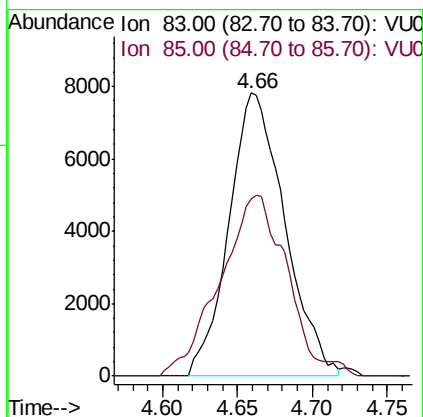
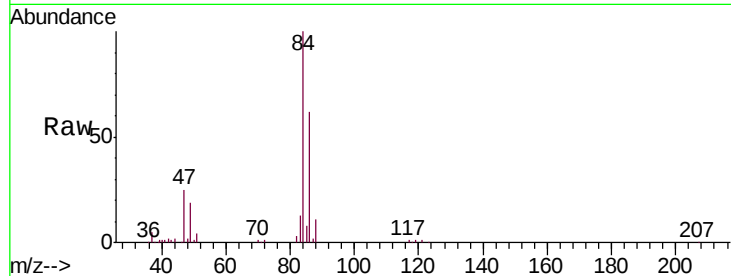
BF171ME

Tgt Ion: 83 Resp: 20328

Ion Ratio Lower Upper

83 100

85 62.8 45.8 85.0



#34

Trichloroethene

Concen: 2.565 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Tgt Ion: 95 Resp: 9701

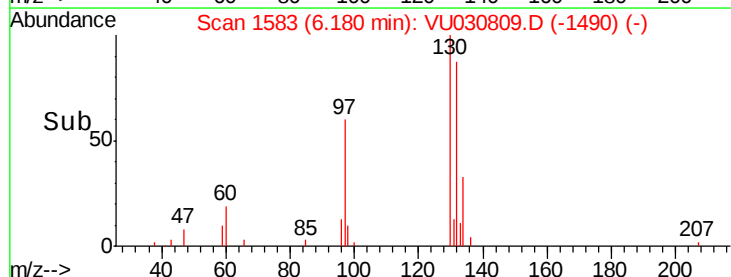
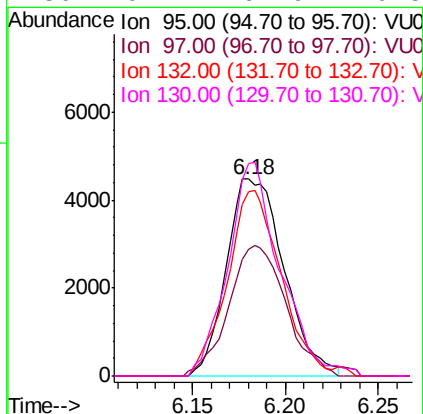
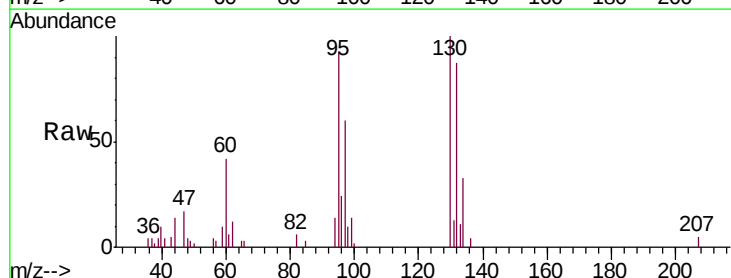
Ion Ratio Lower Upper

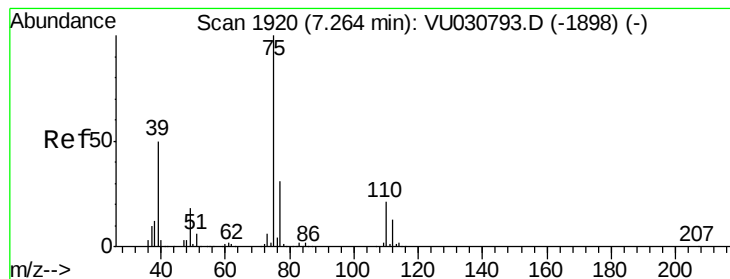
95 100

97 64.4 44.5 82.7

132 93.8 61.5 114.1

130 107.7 64.9 120.5





#39

cis-1,3-Dichloropropene

Concen: 0.919 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

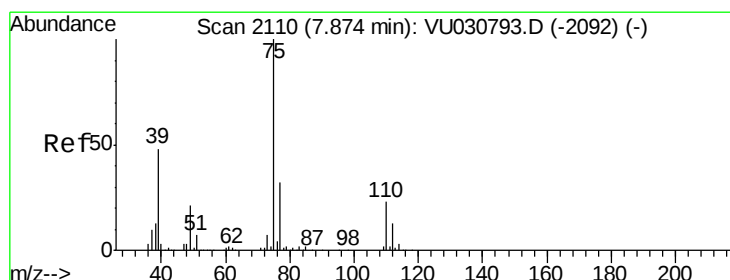
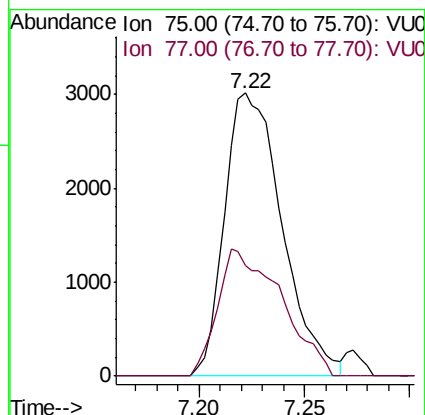
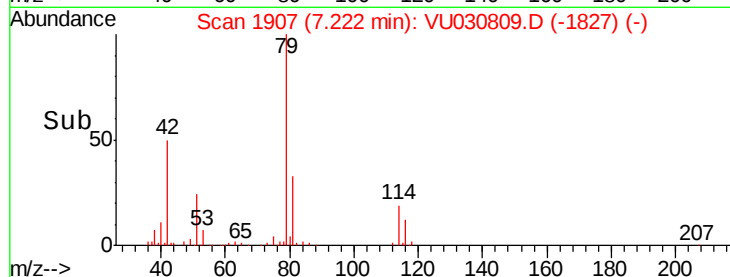
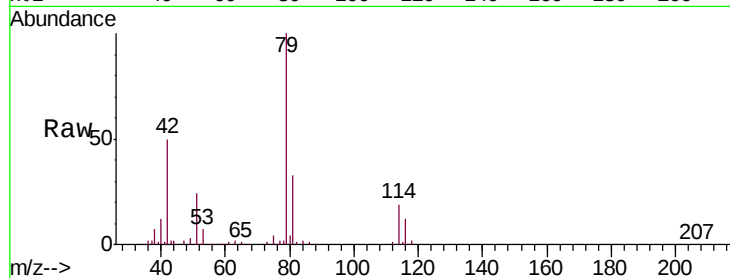
BF171ME

Tgt Ion: 75 Resp: 5713

Ion Ratio Lower Upper

75 100

77 39.2 23.1 42.9



#44

trans-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030809.D

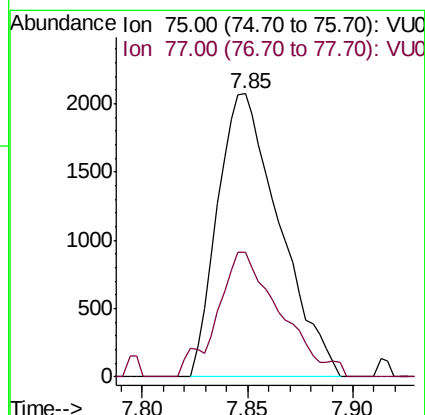
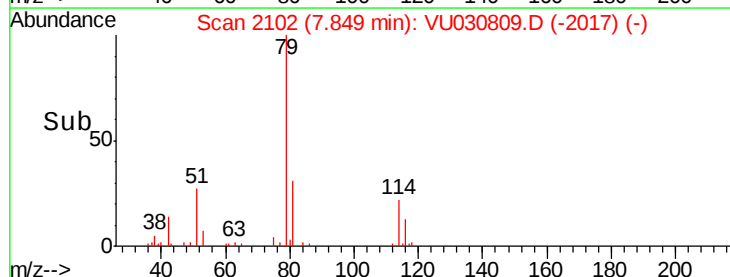
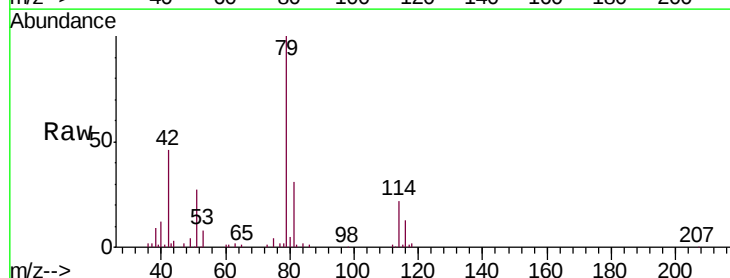
Acq: 06 Apr 2019 18:35

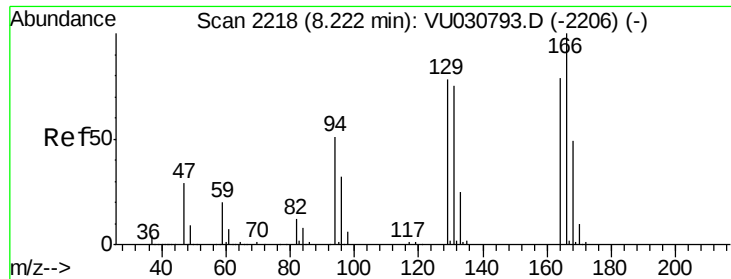
Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

75 100

77 44.2 21.6 40.0#

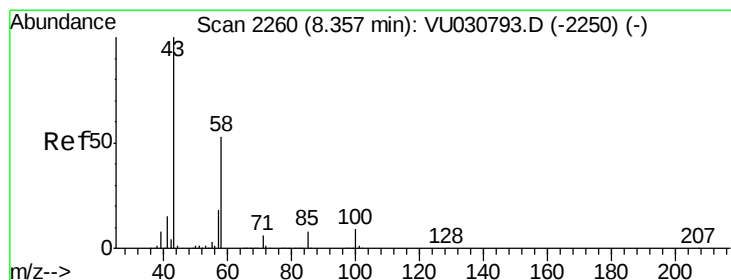
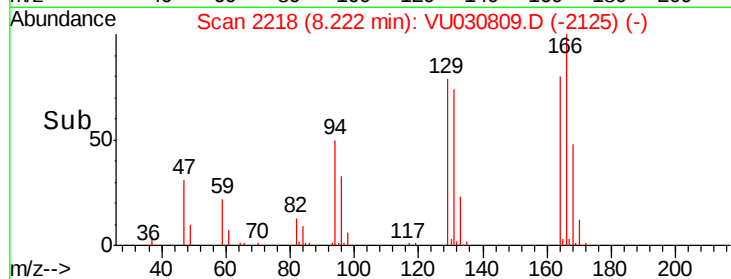
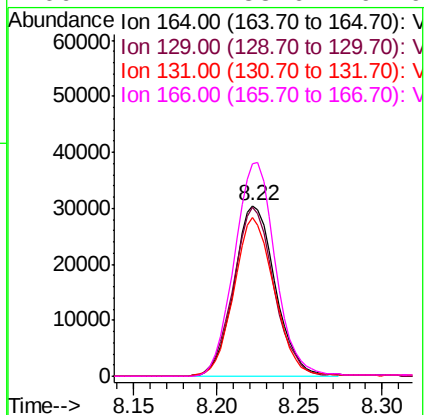
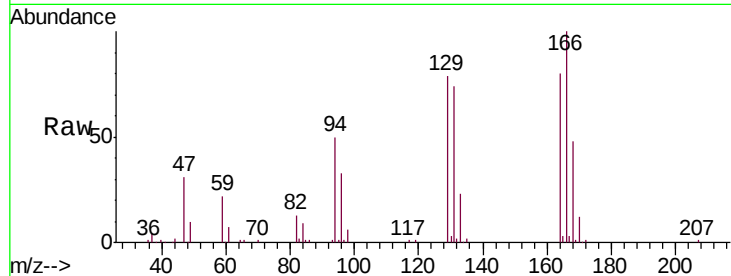




#46
Tetrachloroethene
Concen: 19.192 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU030809.D
Acq: 06 Apr 2019 18:35

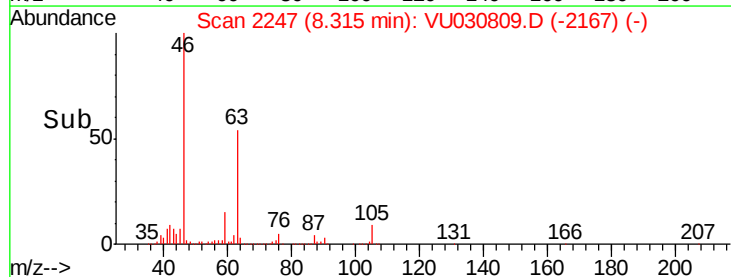
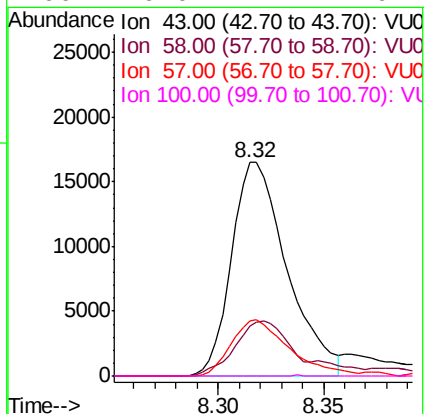
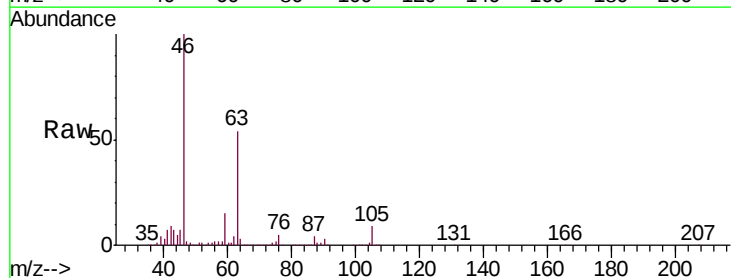
Instrument :
MSVOA_U
ClientSampleId :
BF171ME

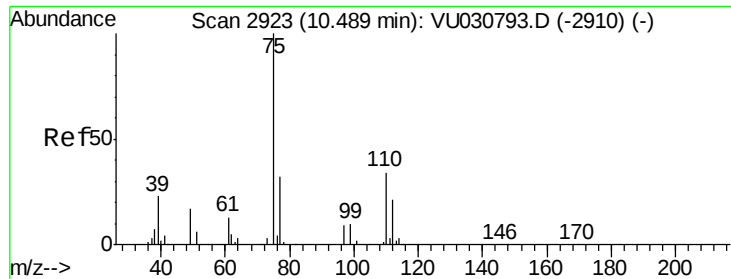
Tgt Ion:	164	Resp:	52769
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.4	125.2
131	92.7	65.9	122.5
166	124.4	88.6	164.6



#48
2-Hexanone
Concen: 5.516 ug/L
RT: 8.32 min Scan# 2247
Delta R.T. -0.04 min
Lab File: VU030809.D
Acq: 06 Apr 2019 18:35

Tgt Ion:	43	Resp:	30215
Ion	Ratio	Lower	Upper
43	100		
58	24.3	41.9	62.9#
57	27.4	14.3	21.5#
100	0.0	7.1	10.7#





#59

1,2,3-Trichloropropane

Concen: 5.284 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030809.D

Acq: 06 Apr 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

BF171ME

Tgt Ion: 75 Resp: 27631

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1

