

Data File : VU030835.D
Acq On : 07 Apr 2019 04:56
Operator : JC/SP
Sample : K2327-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2S4

Quant Time: Apr 08 07:10:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217711	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.64%
7) Chloroethane-d5	1.68	69	173644	54.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.92%
11) 1,1-Dichloroethene-d2	2.27	63	299800	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.90%
21) 2-Butanone-d5	4.17	46	355530	106.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.77%
24) Chloroform-d	4.64	84	326200	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.30	65	233346	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
32) Benzene-d6	5.34	84	689387	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	234757	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	585188	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.85	79	98242	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	207828	97.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313195	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	194820	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2291	0.680 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2327	0.715 ug/L #	1
25) Chloroform	4.67	83	21319	2.976 ug/L	91
34) Trichloroethene	6.19	95	8661	2.312 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	5452	0.886 ug/L	84
44) trans-1,3-Dichloropropene	7.84	75	3801	0.701 ug/L	98
46) Tetrachloroethene	8.22	164	1696	0.623 ug/L #	82
48) 2-Hexanone	8.31	43	27273	5.026 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	24772	4.783 ug/L	95

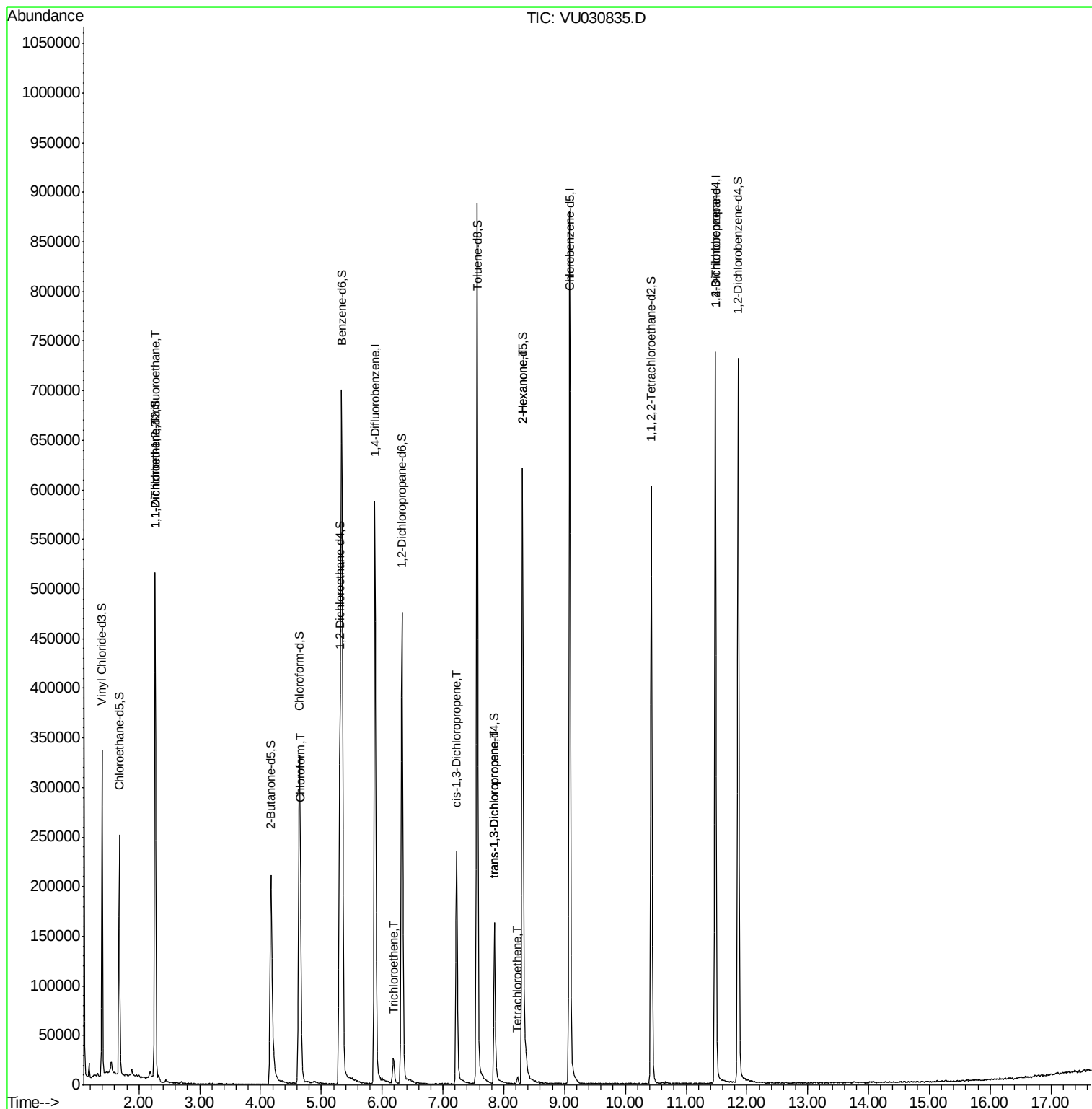
(#) = qualifier out of range (m) = manual integration (+) = signals summed

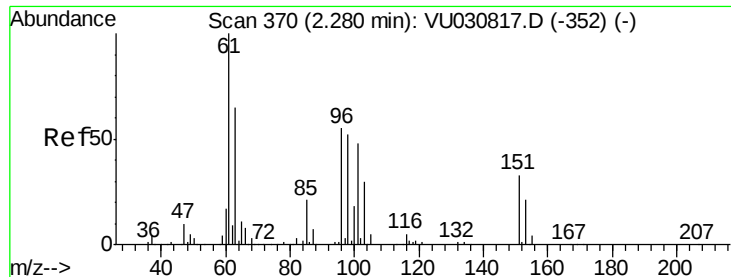
Data File : VU030835.D

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Quant Time: Apr 08 07:10:21 2019
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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030835.D

Acq: 07 Apr 2019 04:56

Instrument :

MSVOA_U

ClientSampleId :

BF2S4

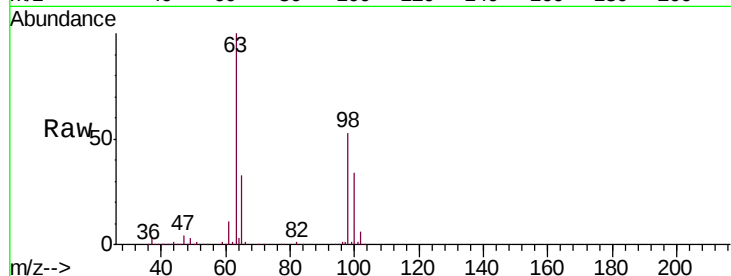
Tgt Ion: 101 Resp: 2291

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

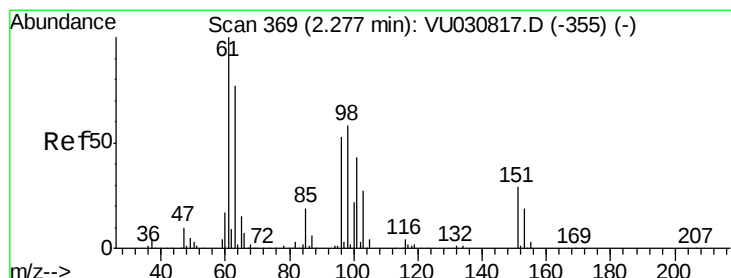
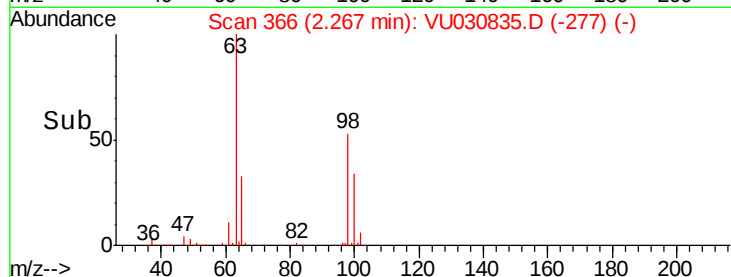
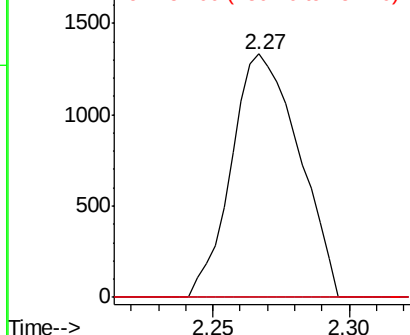
151 0.0 57.4 86.0#



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: 0.715 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU030835.D

Acq: 07 Apr 2019 04:56

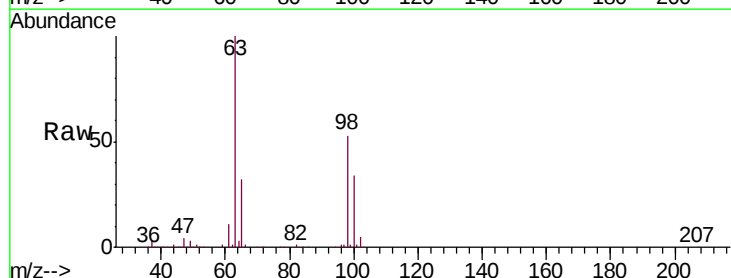
Tgt Ion: 96 Resp: 2327

Ion Ratio Lower Upper

96 100

61 1542.2 132.0 245.2#

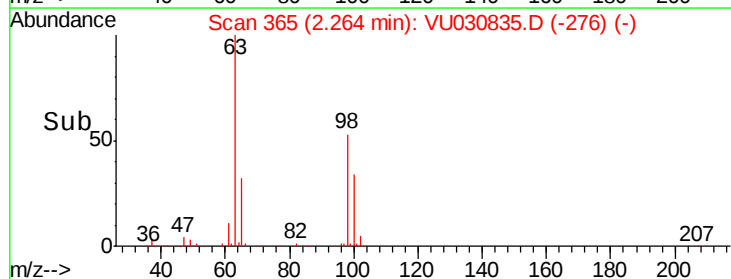
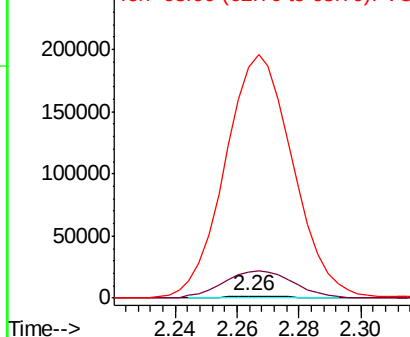
63 13461.7 90.9 168.9#

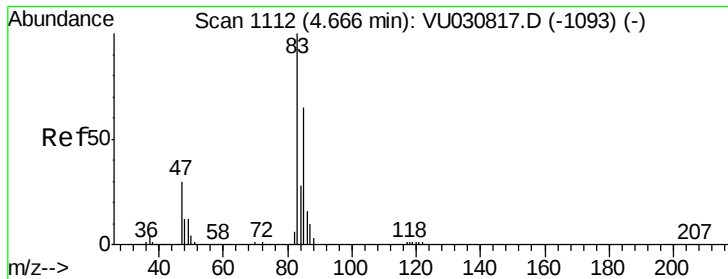


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 2.976 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030835.D

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Instrument :

MSVOA_U

ClientSampleId :

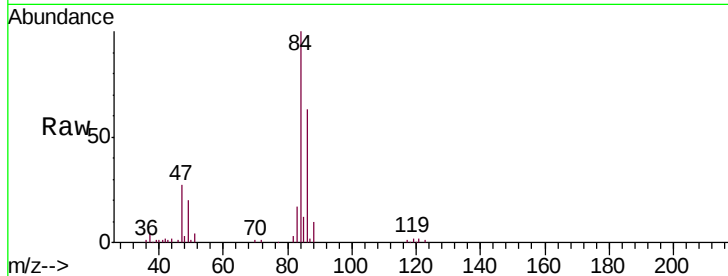
BF2S4

Tgt Ion: 83 Resp: 21319

Ion Ratio Lower Upper

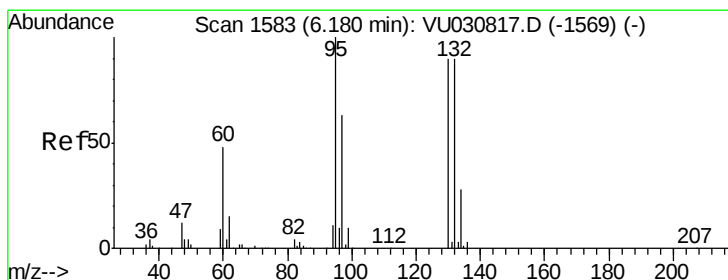
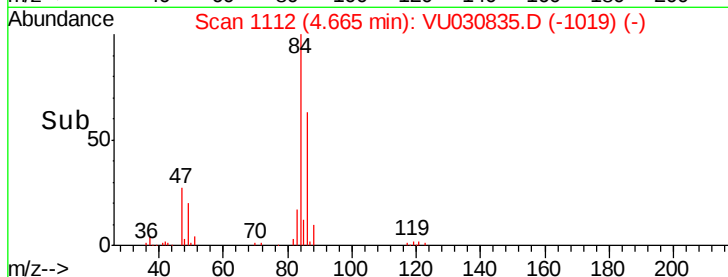
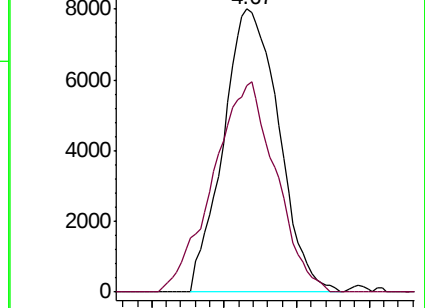
83 100

85 72.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030817.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030817.D (-1093) (-)



#34

Trichloroethene

Concen: 2.312 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030835.D

Acq: 07 Apr 2019 04:56

Tgt Ion: 95 Resp: 8661

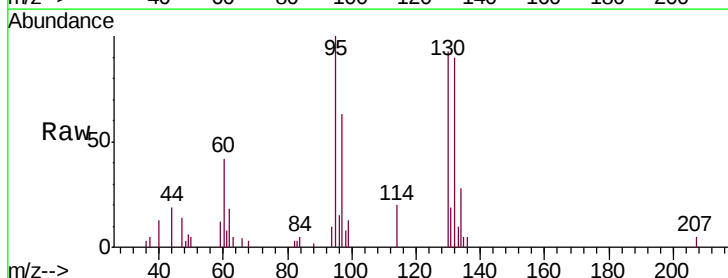
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 90.5 61.5 114.1

130 92.9 64.9 120.5

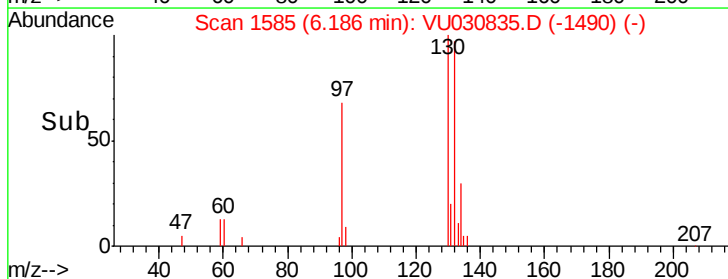
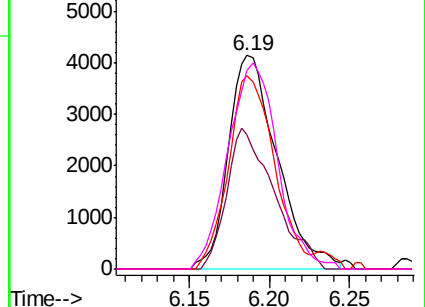


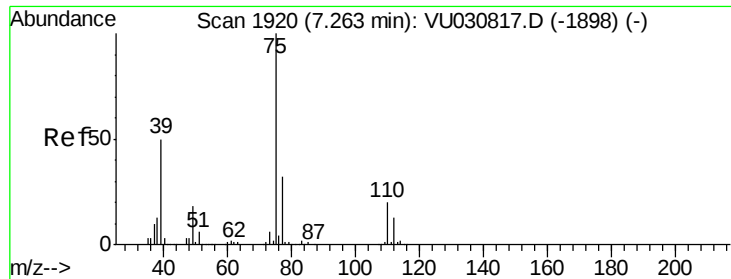
Abundance Ion 95.00 (94.70 to 95.70): VU030817.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU030817.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU030817.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU030817.D (-1569) (-)

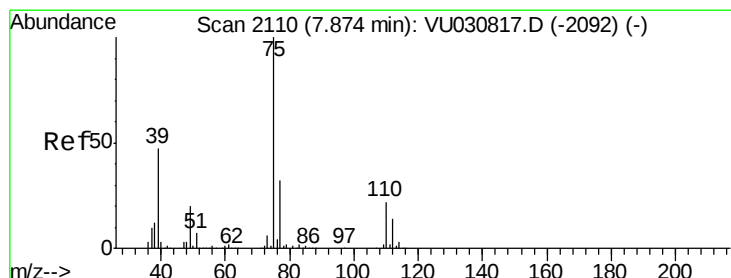
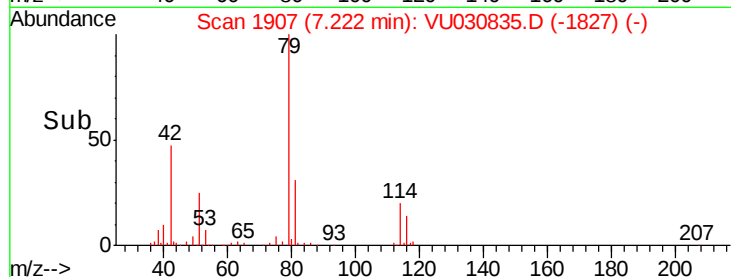
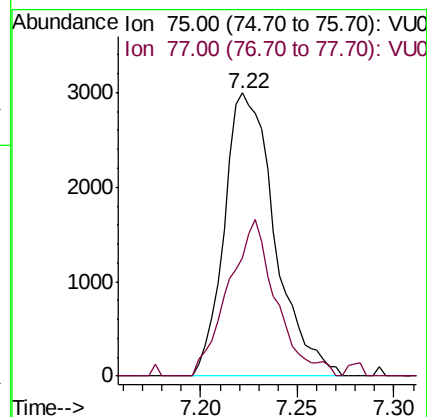
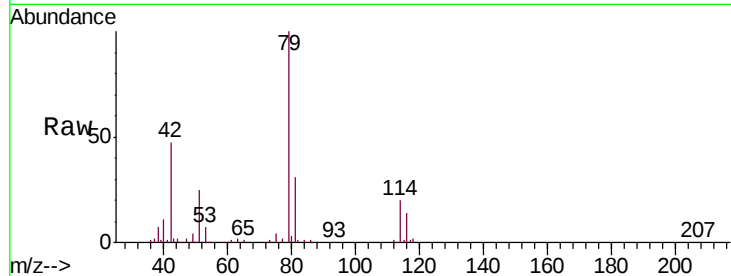




#39
 cis-1,3-Dichloropropene
 Concen: 0.886 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030835.D
 Acq: 07 Apr 2019 04:56

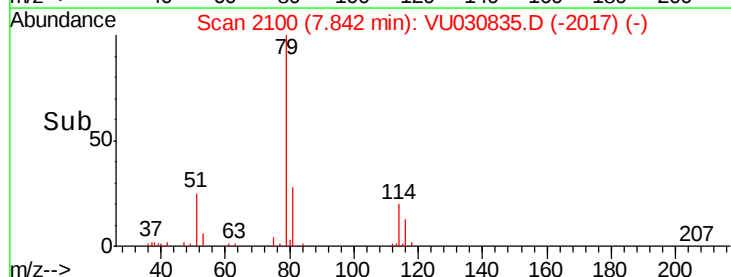
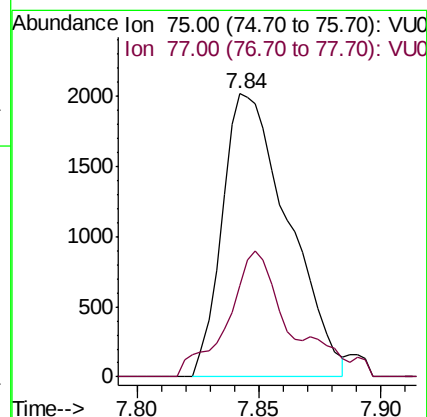
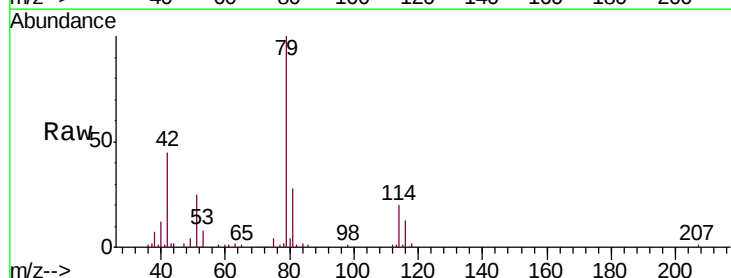
Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S4

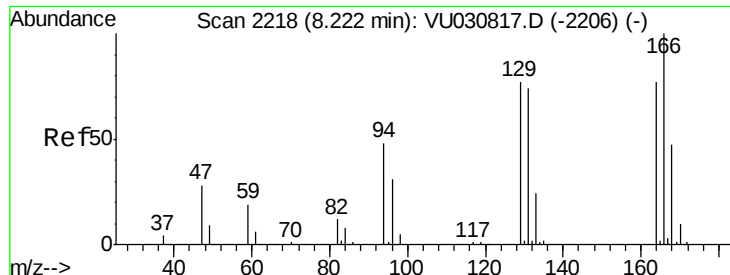
Tgt Ion: 75 Resp: 5452
 Ion Ratio Lower Upper
 75 100
 77 41.8 23.1 42.9



#44
 trans-1,3-Dichloropropene
 Concen: 0.701 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU030835.D
 Acq: 07 Apr 2019 04:56

Tgt Ion: 75 Resp: 3801
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.0

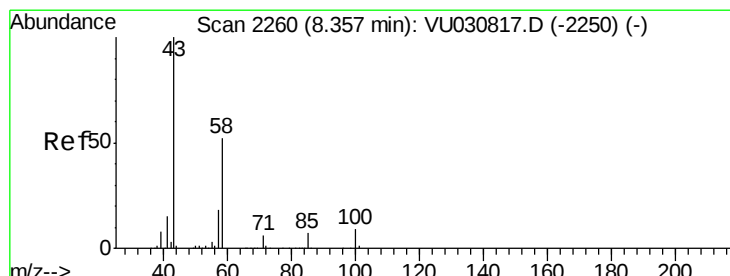
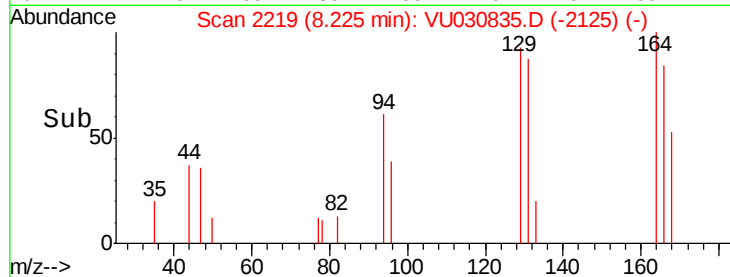
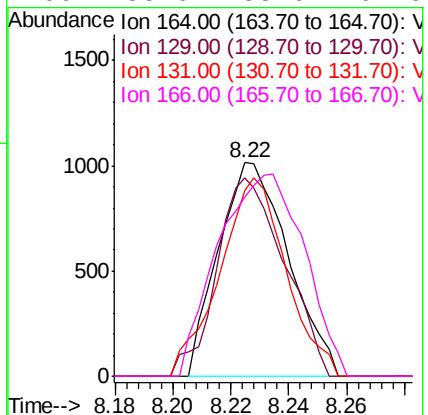
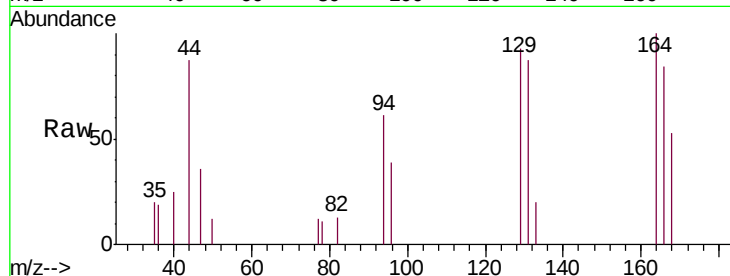




#46
Tetrachloroethene
Concen: 0.623 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030835.D
Acq: 07 Apr 2019 04:56

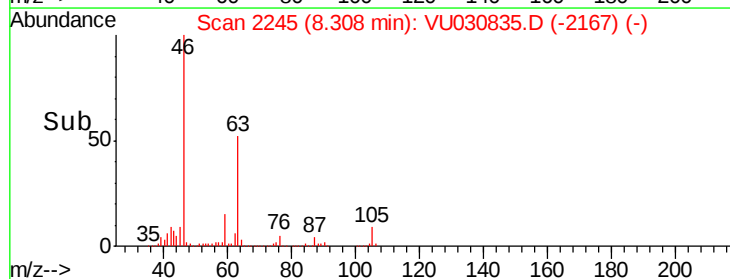
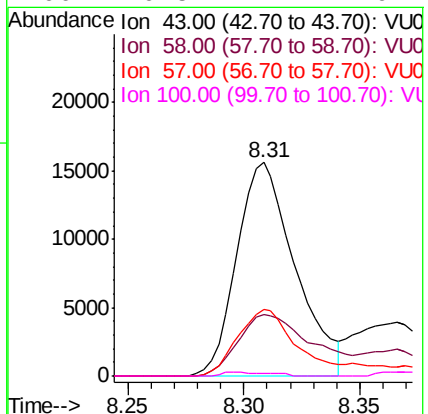
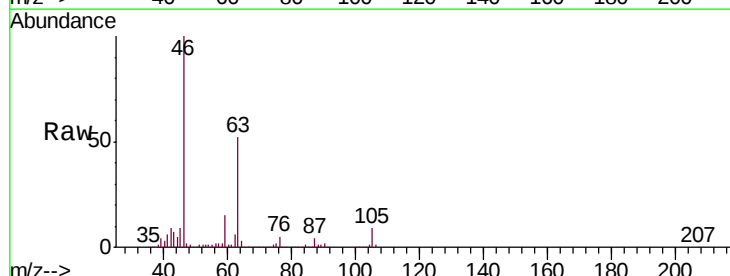
Instrument :
MSVOA_U
ClientSampled :
BF2S4

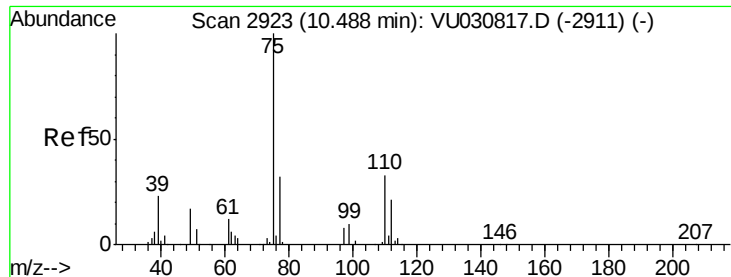
Tgt Ion: 164 Resp: 1696
Ion Ratio Lower Upper
164 100
129 93.0 67.4 125.2
131 86.9 65.9 122.5
166 83.6 88.6 164.6#



#48
2-Hexanone
Concen: 5.026 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030835.D
Acq: 07 Apr 2019 04:56

Tgt Ion: 43 Resp: 27273
Ion Ratio Lower Upper
43 100
58 37.1 41.9 62.9#
57 31.0 14.3 21.5#
100 0.5 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.783 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030835.D

Acq: 07 Apr 2019 04:56

Instrument :

MSVOA_U

ClientSampleId :

BF2S4

Tgt Ion: 75 Resp: 24772

Ion Ratio Lower Upper

75 100

77 35.2 26.1 39.1

