

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
 Data File : VU030304.D
 Acq On : 22 Mar 2019 13:36
 Operator : JC/SP
 Sample : K2048-07 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF199

Quant Time: Mar 23 02:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151839	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.68	69	130110	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.27	63	212797	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	4.17	46	262576	100.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.65	84	297072	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	175382	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.34	84	616528	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.33	67	203254	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	556357	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.85	79	87727	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.90%
47) 2-Hexanone-d5	8.31	63	212411	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304653	48.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	226568	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%

Target Compounds

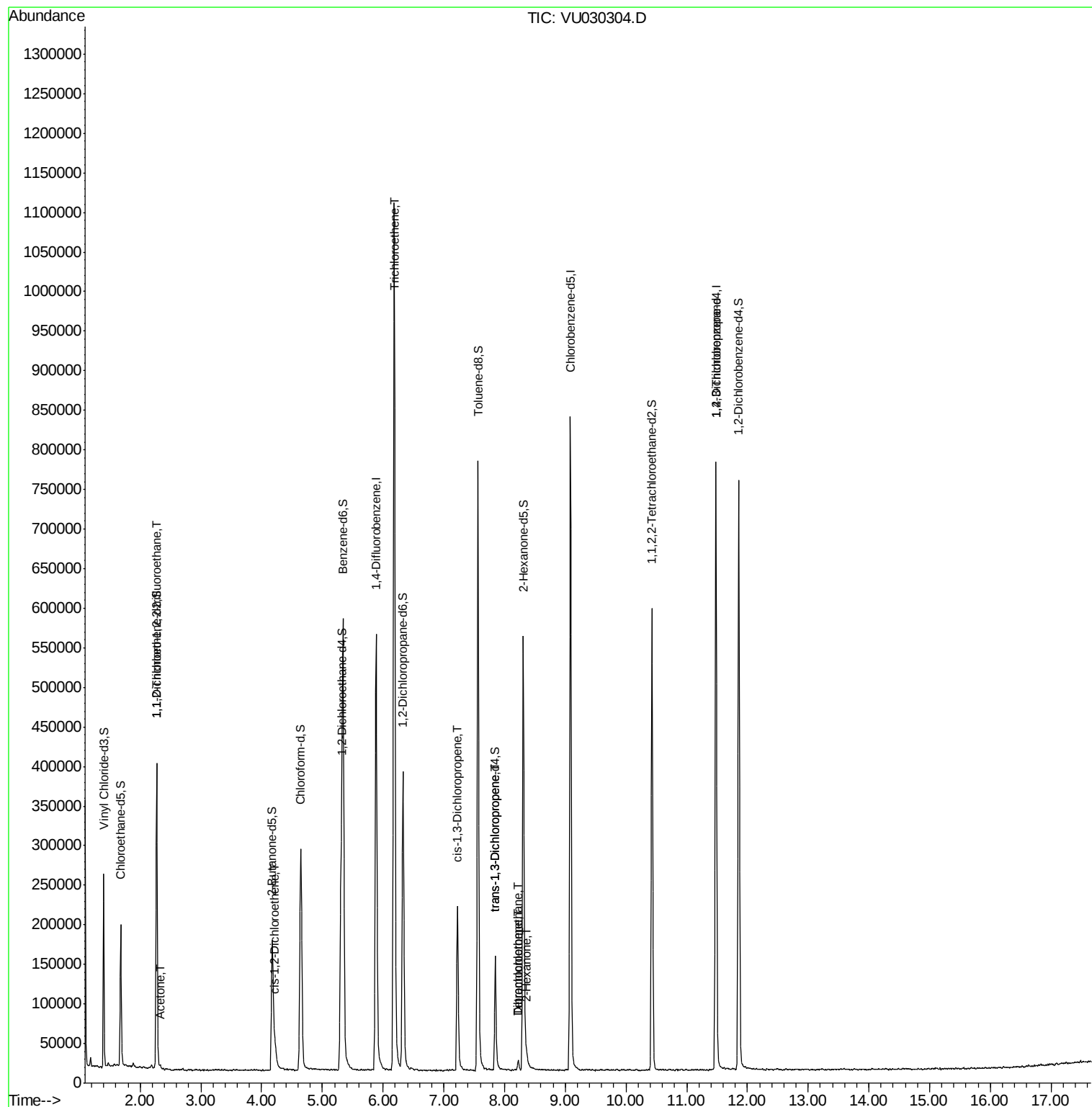
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2218	0.635	ug/L #	18
13) Acetone	2.32	43	1997	0.733	ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	10821	2.704	ug/L	88
34) Trichloroethene	6.18	95	404363	105.771	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4886	0.820	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	3169	0.614	ug/L	84
46) Tetrachloroethene	8.23	164	3427	1.061	ug/L	95
48) 2-Hexanone	8.37	43	6475	1.528	ug/L #	79
49) Dibromochloromethane	8.23	129	3140	0.734	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	23204	4.622	ug/L	95

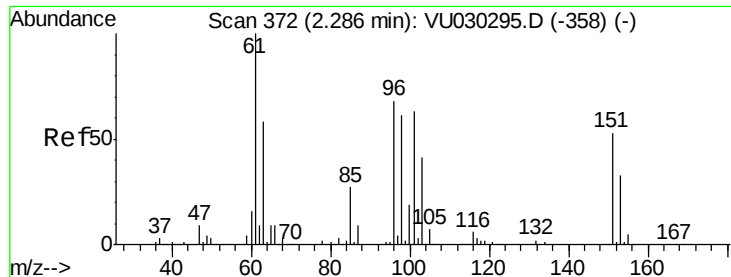
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
Data File : VU030304.D
Acq On : 22 Mar 2019 13:36
Operator : JC/SP
Sample : K2048-07 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF199

Quant Time: Mar 23 02:36:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 02:31:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.635 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030304.D

Acq: 22 Mar 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

BF199

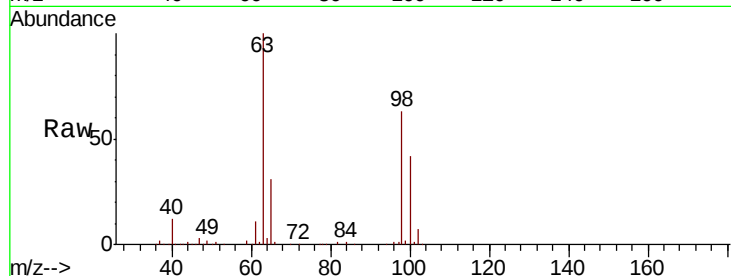
Tgt Ion: 101 Resp: 2218

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

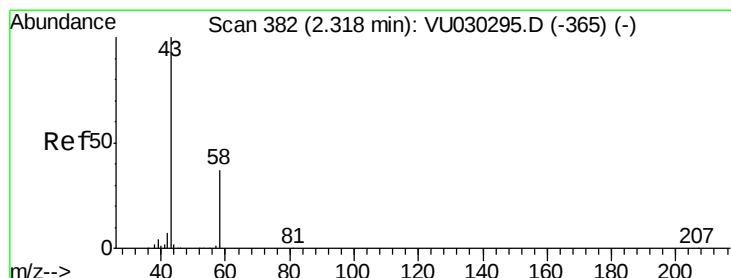
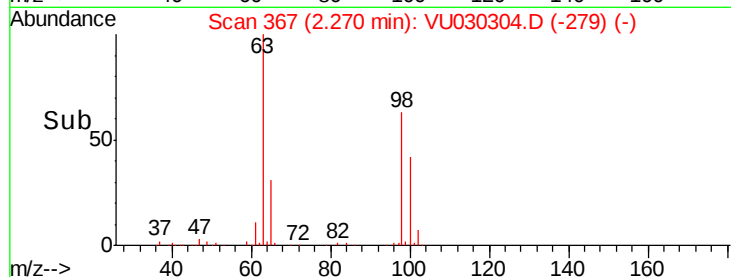
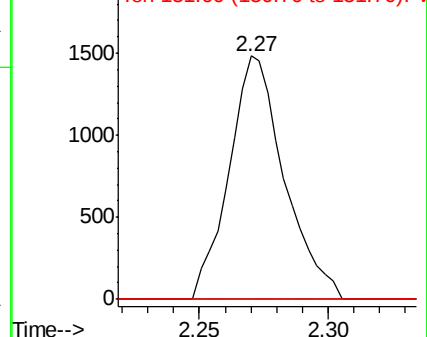
151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.733 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030304.D

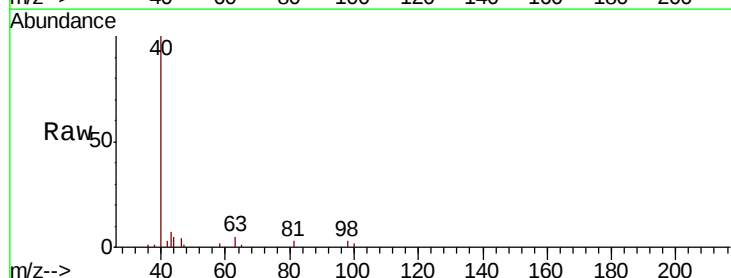
Acq: 22 Mar 2019 13:36

Tgt Ion: 43 Resp: 1997

Ion Ratio Lower Upper

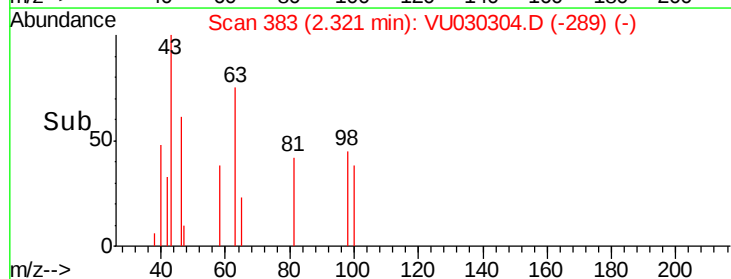
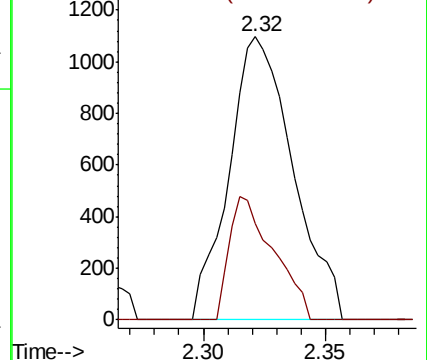
43 100

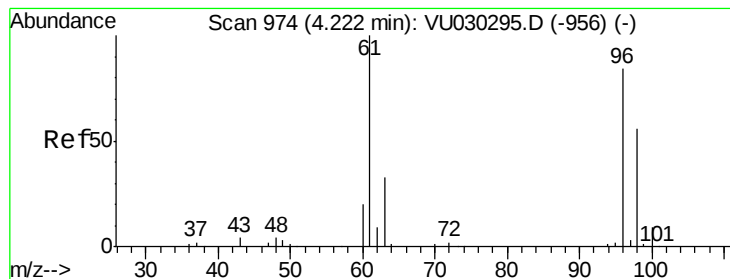
58 30.3 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



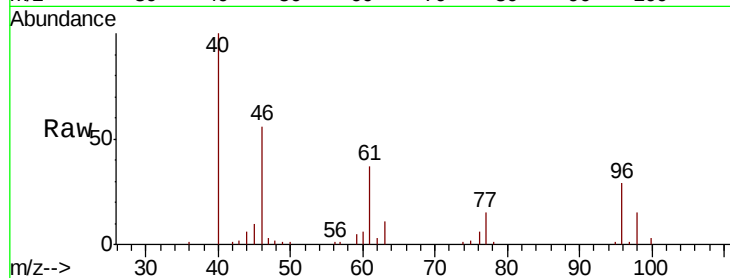


#20

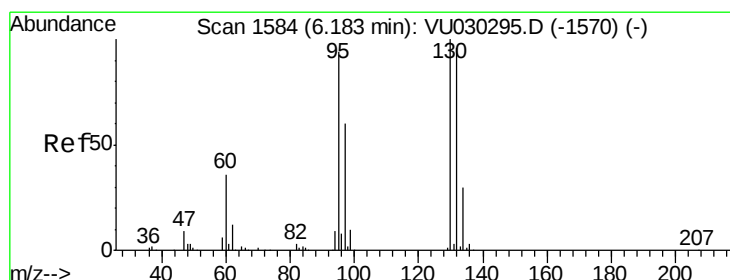
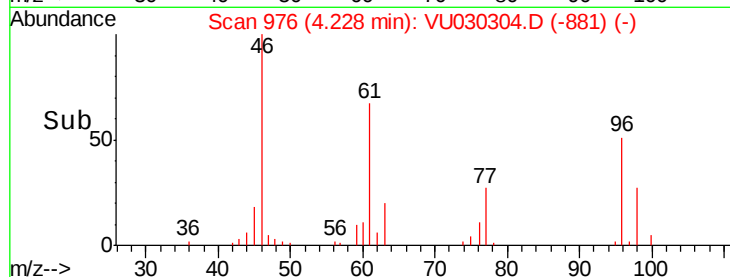
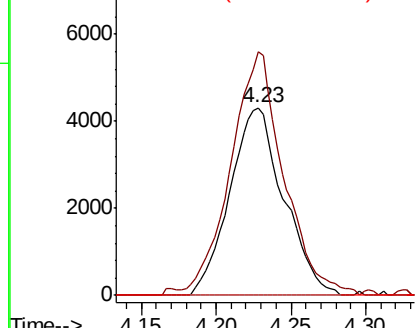
cis-1,2-Dichloroethene
 Concen: 2.704 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030304.D
 Acq: 22 Mar 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BF199

Tgt Ion: 96 Resp: 10821
 Ion Ratio Lower Upper
 96 100
 61 129.6 81.5 151.3
 68 0.0 0.0 0.0



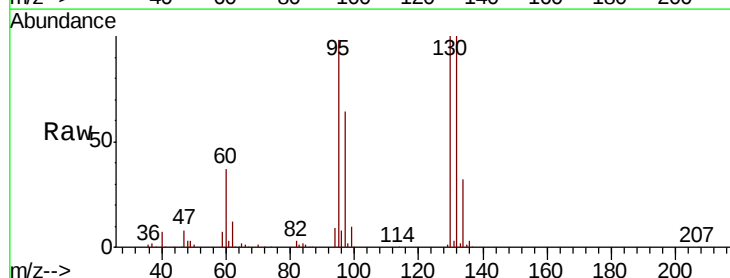
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



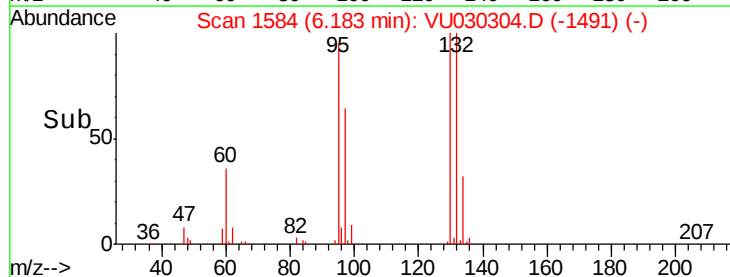
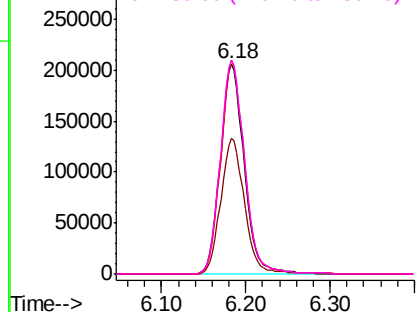
#34

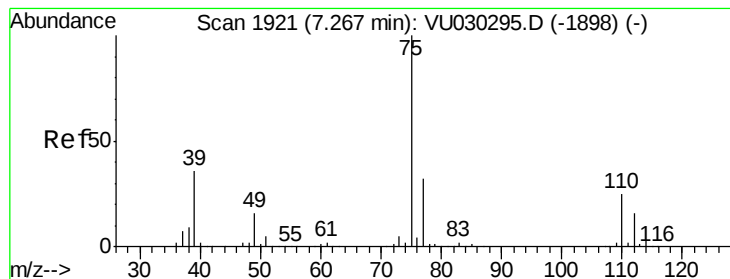
Trichloroethene
 Concen: 105.771 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030304.D
 Acq: 22 Mar 2019 13:36

Tgt Ion: 95 Resp: 404363
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.2 85.8
 132 101.6 69.3 128.7
 130 101.4 73.6 136.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



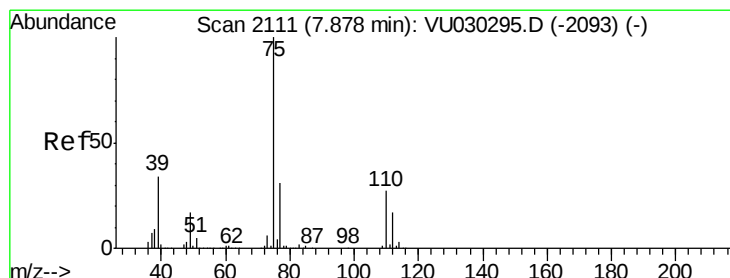
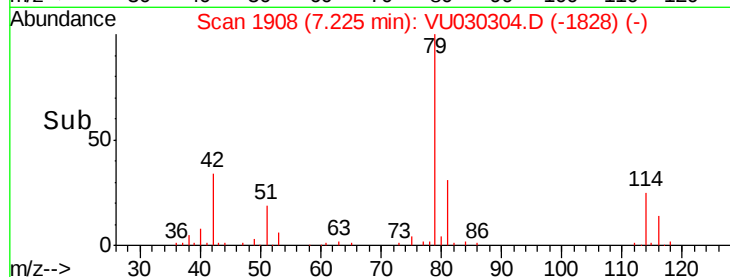
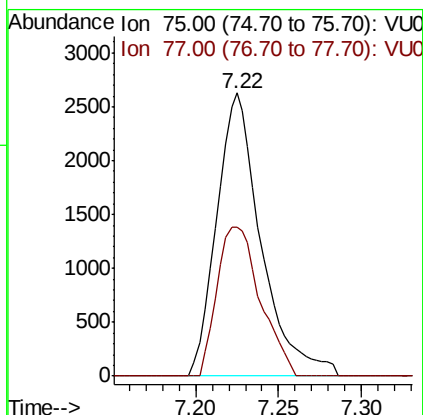
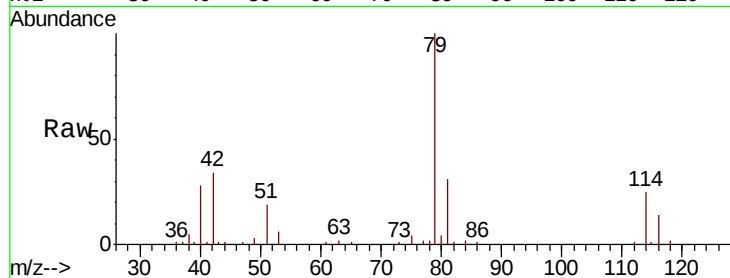


#39

cis-1,3-Dichloropropene
 Concen: 0.820 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030304.D
 Acq: 22 Mar 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BF199

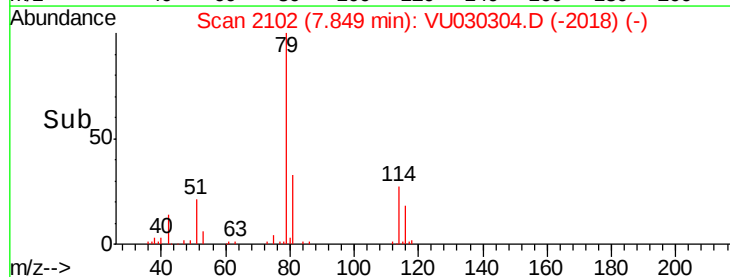
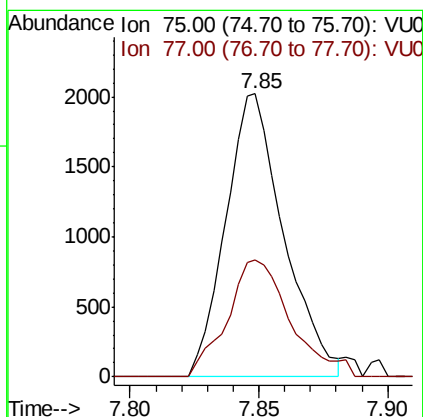
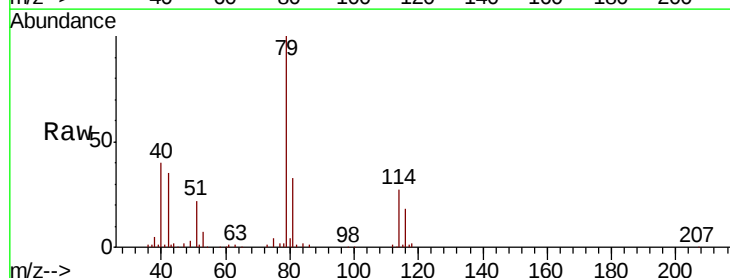
Tgt Ion: 75 Resp: 4886
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.1 41.1#

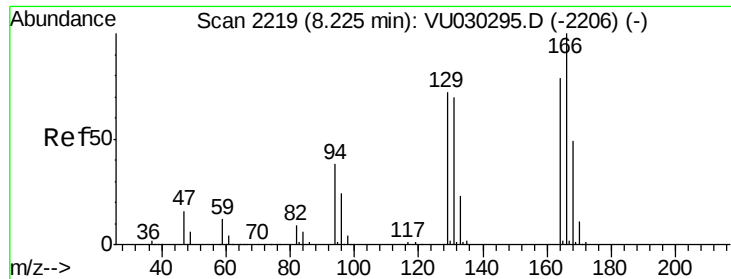


#44

trans-1,3-Dichloropropene
 Concen: 0.614 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030304.D
 Acq: 22 Mar 2019 13:36

Tgt Ion: 75 Resp: 3169
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.7 42.1

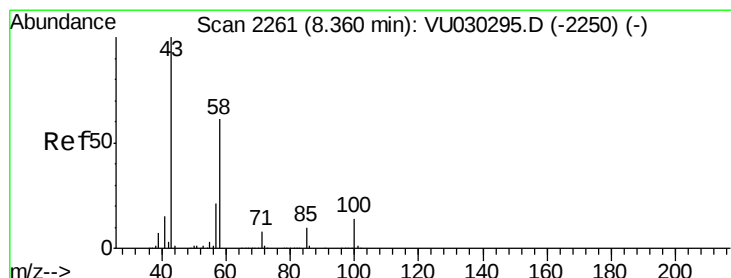
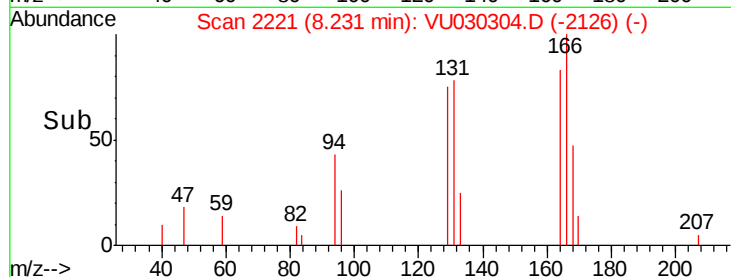
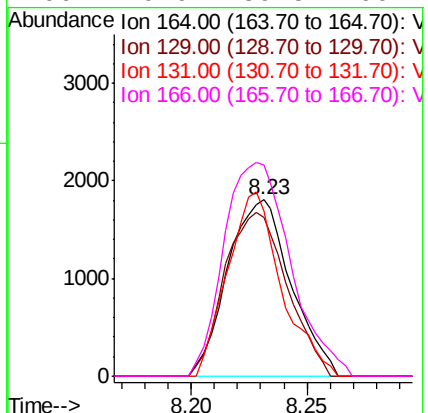
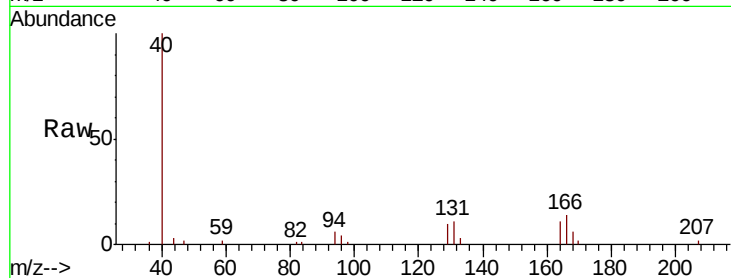




#46
Tetrachloroethene
Concen: 1.061 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU030304.D
Acq: 22 Mar 2019 13:36

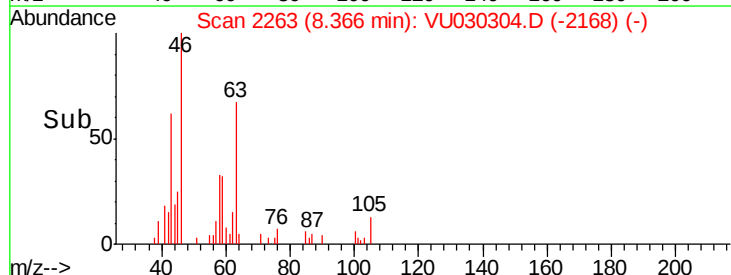
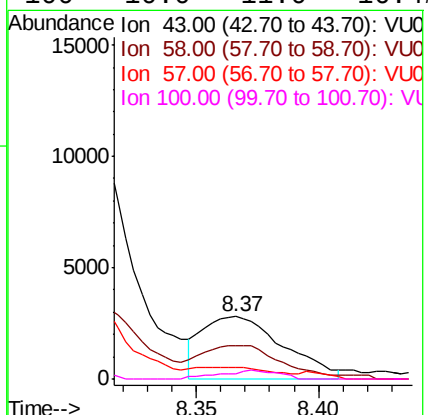
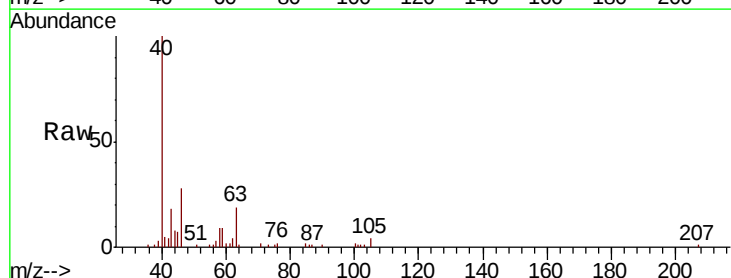
Instrument :
MSVOA_U
ClientSampleId :
BF199

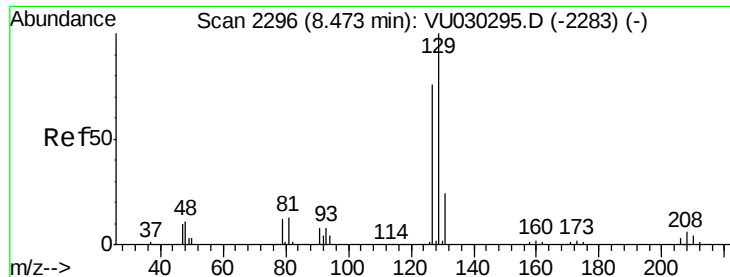
Tgt Ion:164 Resp: 3427
Ion Ratio Lower Upper
164 100
129 89.8 64.4 119.6
131 94.0 63.2 117.4
166 119.9 89.5 166.1



#48
2-Hexanone
Concen: 1.528 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030304.D
Acq: 22 Mar 2019 13:36

Tgt Ion: 43 Resp: 6475
Ion Ratio Lower Upper
43 100
58 47.8 49.3 73.9#
57 4.4 17.0 25.4#
100 10.0 11.0 16.4#





#49

Dibromochloromethane

Concen: 0.734 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU030304.D

Acq: 22 Mar 2019 13:36

Instrument :

MSVOA_U

ClientSampled :

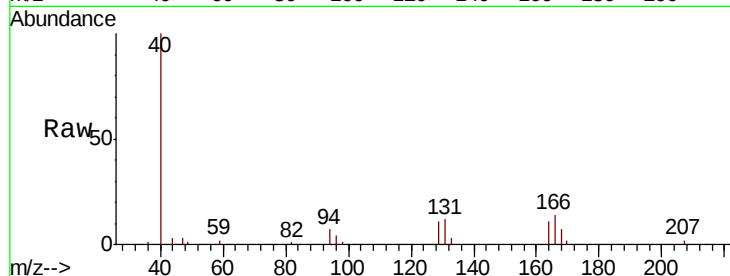
BF199

Tgt Ion:129 Resp: 3140

Ion Ratio Lower Upper

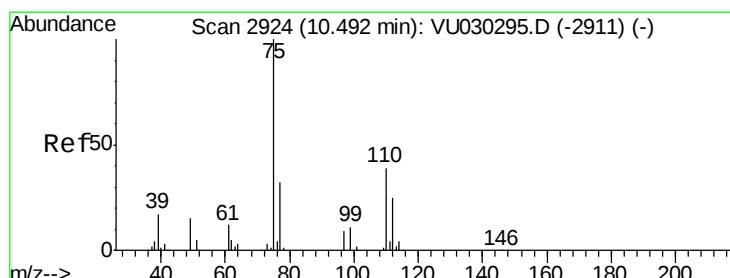
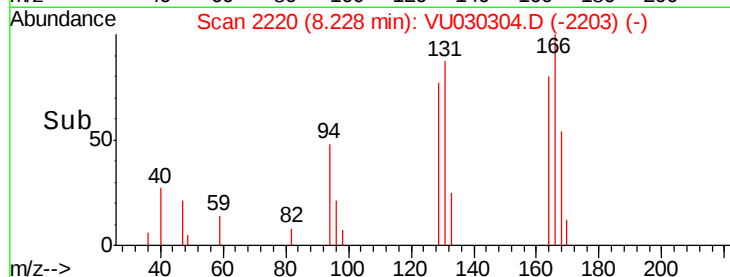
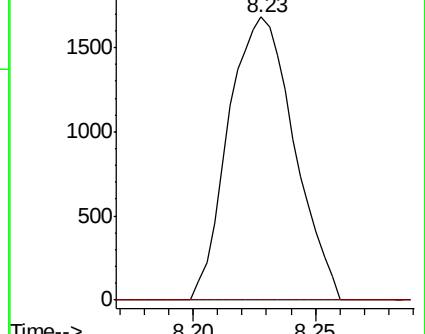
129 100

127 0.0 53.4 99.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.622 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030304.D

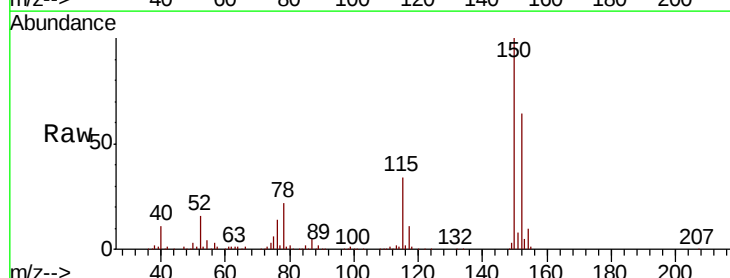
Acq: 22 Mar 2019 13:36

Tgt Ion: 75 Resp: 23204

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

