

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031596.D
 Acq On : 29 Apr 2019 19:01
 Operator : JC/SP
 Sample : K2590-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

Quant Time: Apr 30 01:59:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	662792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	651467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243943	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	288203	51.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.92%
7) Chloroethane-d5	1.68	69	233983	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.16%
11) 1,1-Dichloroethene-d2	2.27	63	433719	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	4.18	46	596651	118.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.72%
24) Chloroform-d	4.64	84	525221	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	372560	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.26%
32) Benzene-d6	5.34	84	1026654	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.32	67	372698	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.90%
41) Toluene-d8	7.56	98	844124	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.85	79	150379	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
47) 2-Hexanone-d5	8.31	63	340512	111.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	477068	50.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	276299	53.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.72%

Target Compounds

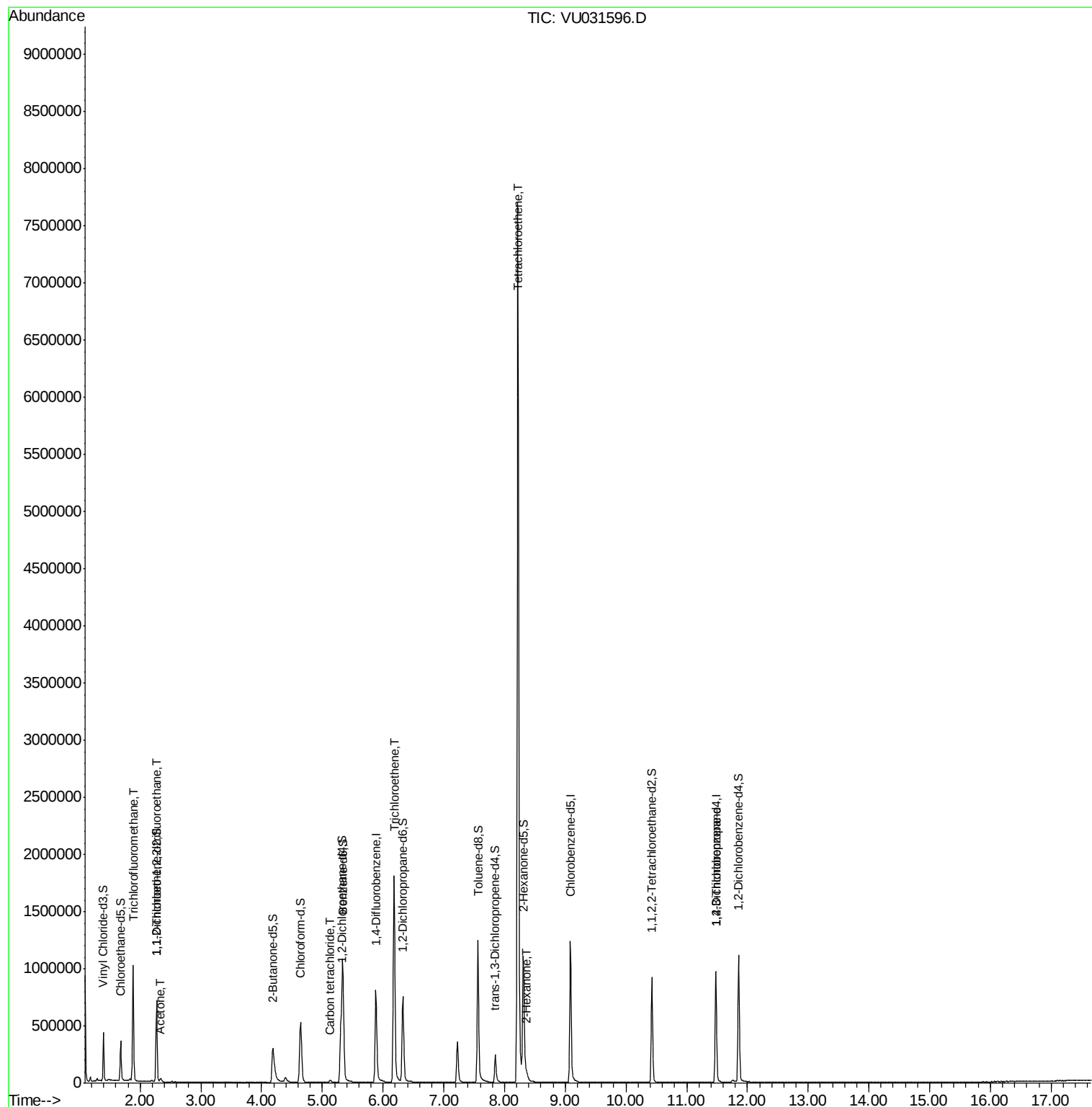
					Qvalue
9) Trichlorofluoromethane	1.88	101	611415	65.056 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4158	0.783 ug/L #	21
13) Acetone	2.34	43	39271	6.937 ug/L	100
31) Carbon tetrachloride	5.13	117	15509	1.988 ug/L	94
34) Trichloroethene	6.18	95	675205	116.294 ug/L	95
46) Tetrachloroethene	8.22	164	1628197	411.353 ug/L	98
48) 2-Hexanone	8.36	43	32372	3.826 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	34497	4.279 ug/L	94

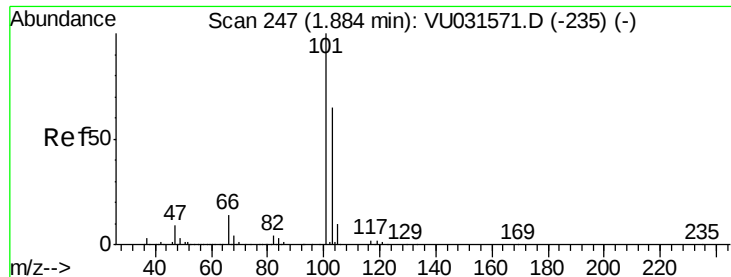
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031596.D
Acq On : 29 Apr 2019 19:01
Operator : JC/SP
Sample : K2590-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB9

Quant Time: Apr 30 01:59:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration



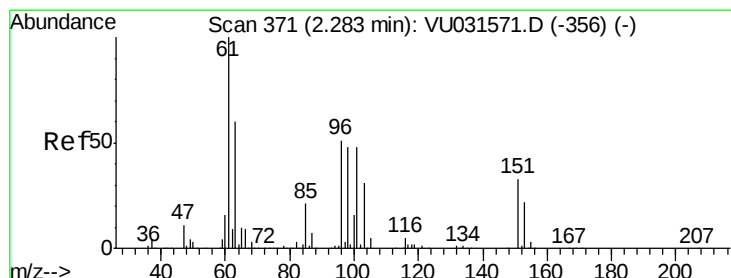
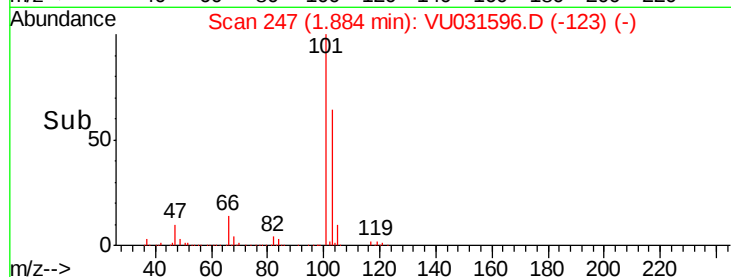
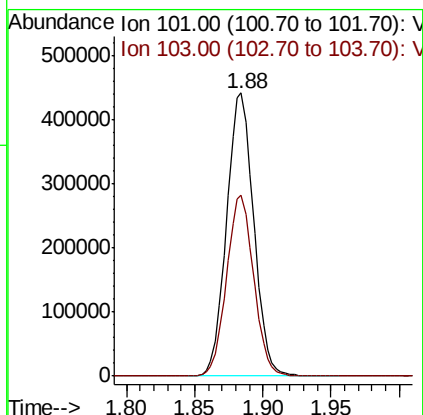
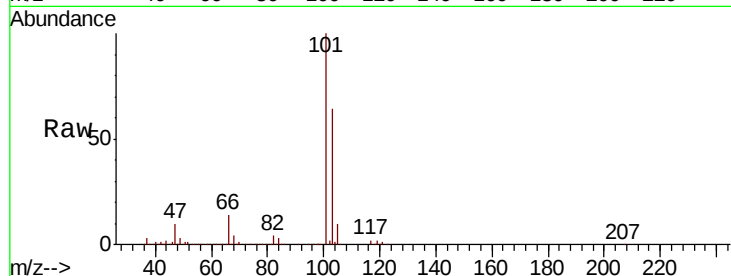


#9

Trichlorofluoromethane
 Concen: 65.056 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

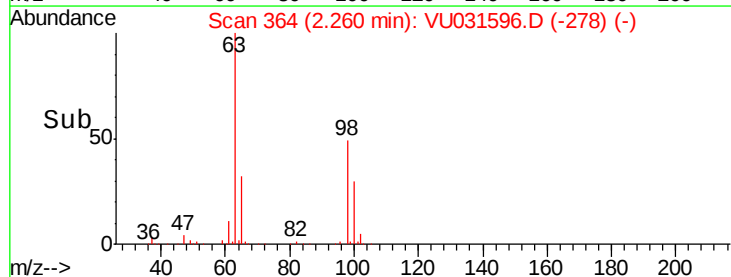
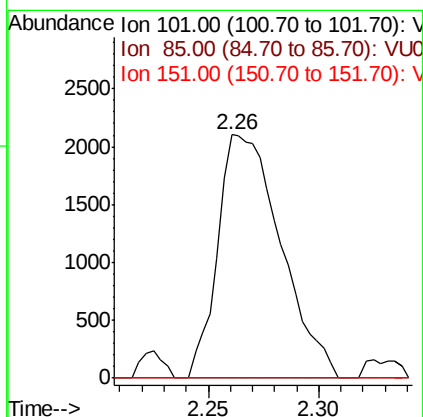
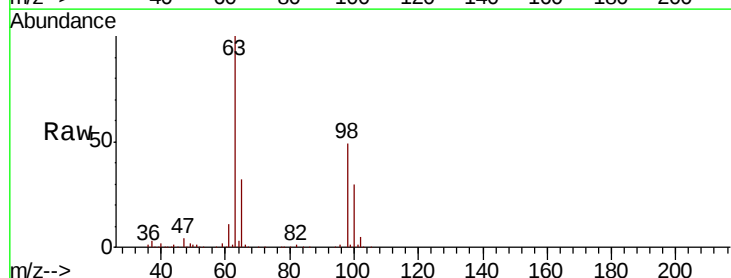
Tgt Ion:101 Resp: 611415
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.8 76.2

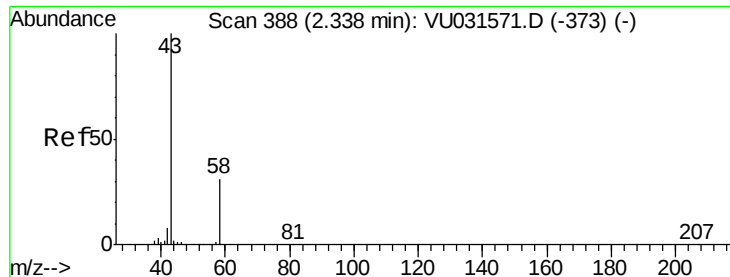


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.783 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Tgt Ion:101 Resp: 4158
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.1 84.1#





#13

Acetone

Concen: 6.937 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031596.D

Acq: 29 Apr 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

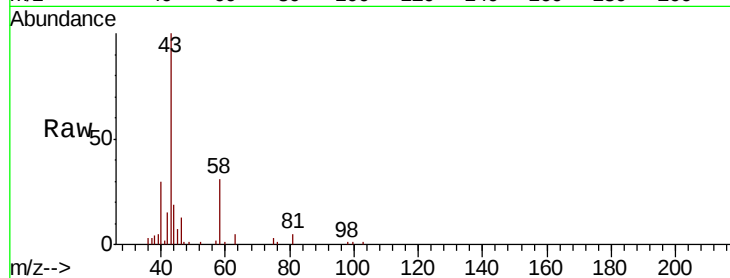
C0XB9

Tgt Ion: 43 Resp: 39271

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031571.D (-373) (-)

2.34

15000

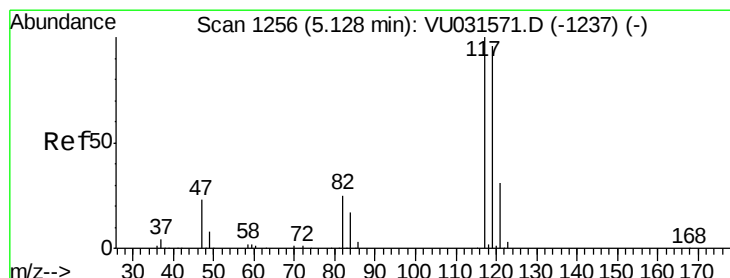
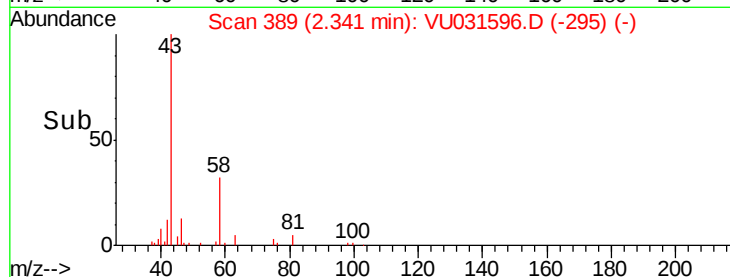
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#31

Carbon tetrachloride

Concen: 1.988 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031596.D

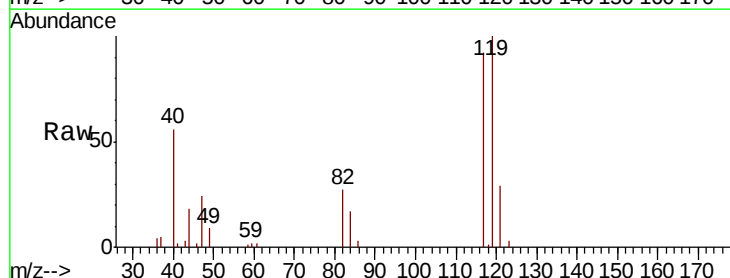
Acq: 29 Apr 2019 19:01

Tgt Ion: 117 Resp: 15509

Ion Ratio Lower Upper

117 100

119 101.8 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): VU031571.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU031571.D (-1237) (-)

5.13

8000

6000

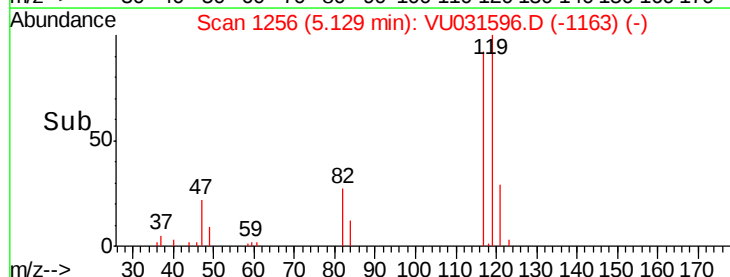
4000

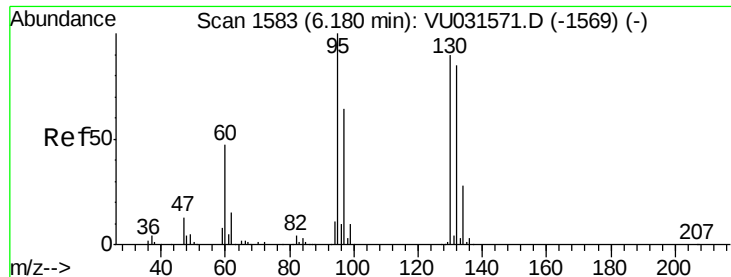
2000

0

Time-->

5.05 5.10 5.15 5.20

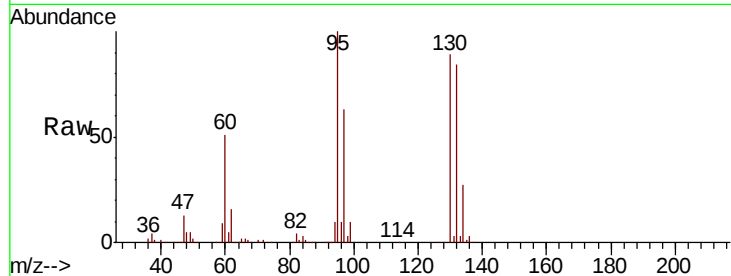




#34
 Trichloroethene
 Concen: 116.294 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Instrument :
 MSVOA_U
 ClientSampled :
 C0XB9

Tgt Ion: 95 Resp: 675205
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.8 83.2
 132 83.9 63.1 117.1
 130 88.7 66.5 123.5



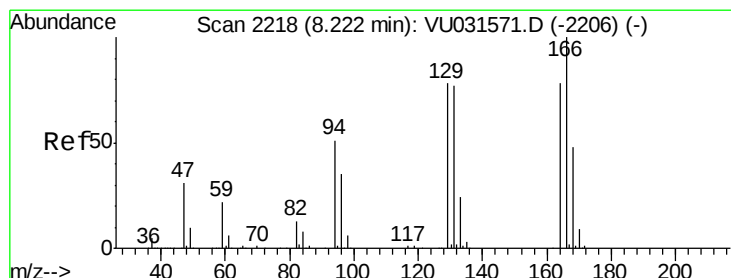
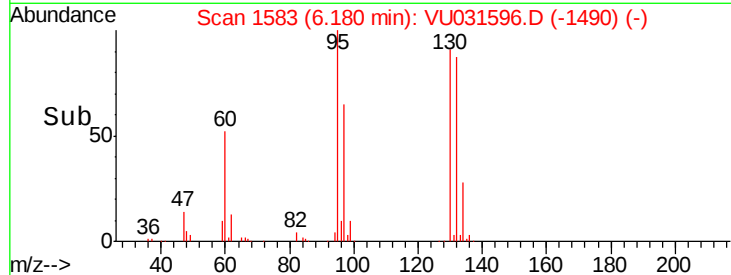
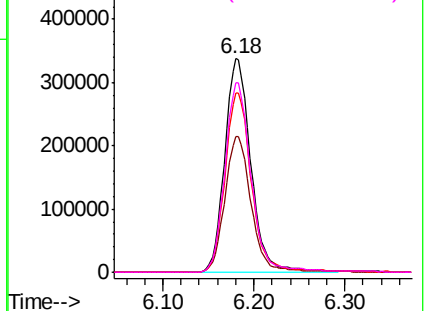
Abundance

Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

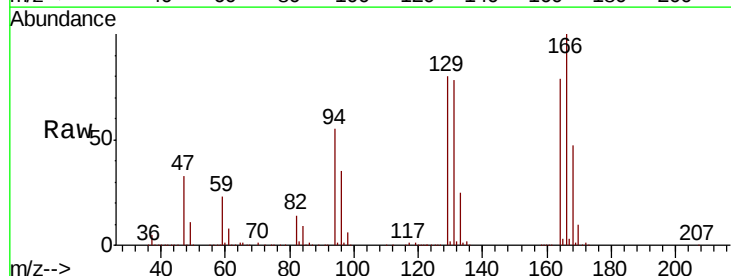
Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)



#46
 Tetrachloroethene
 Concen: 411.353 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Tgt Ion: 164 Resp: 1628197
 Ion Ratio Lower Upper
 164 100
 129 101.9 71.5 132.9
 131 99.0 69.0 128.2
 166 127.1 93.7 173.9



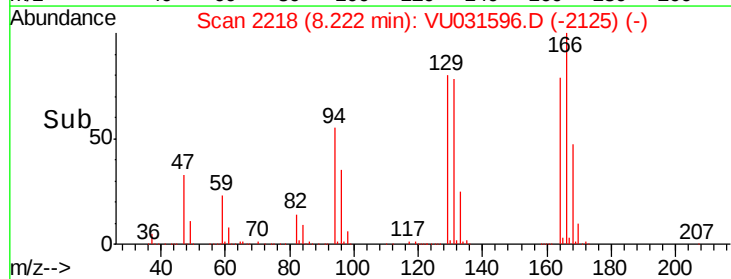
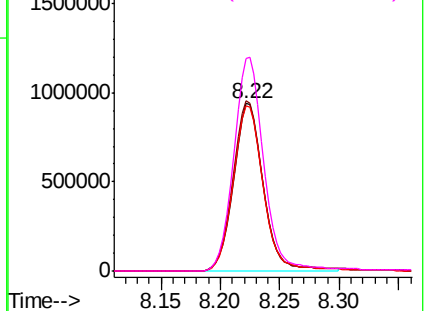
Abundance

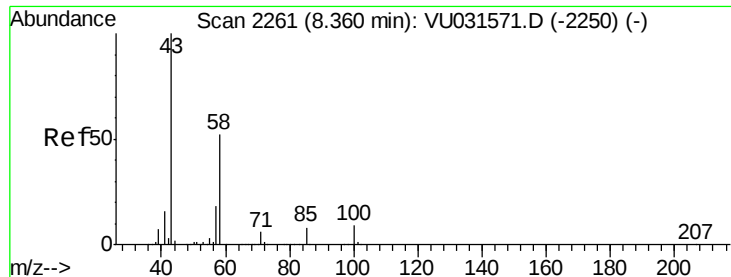
Ion 164.00 (163.70 to 164.70): VU031571.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031571.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031571.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031571.D (-2206) (-)

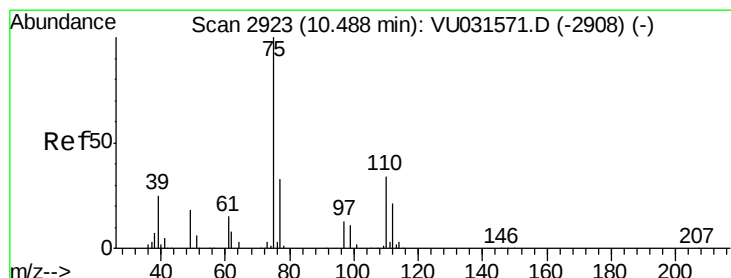
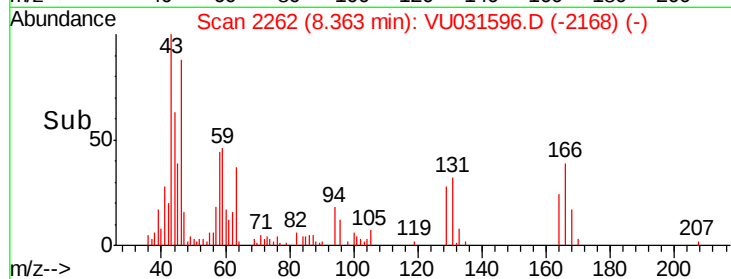
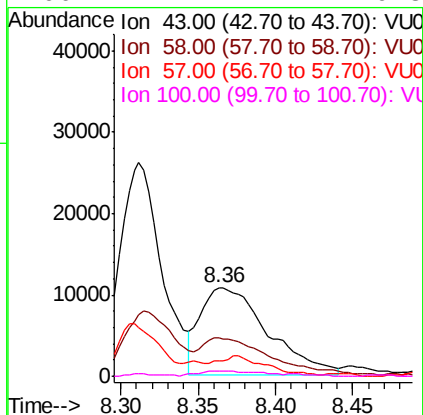
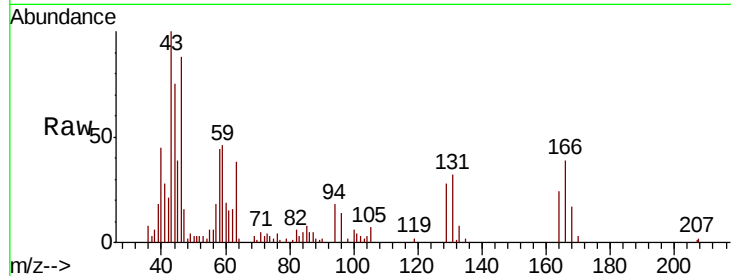




#48
 2-Hexanone
 Concen: 3.826 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

Tgt Ion: 43 Resp: 32372
 Ion Ratio Lower Upper
 43 100
 58 35.8 42.1 63.1#
 57 13.4 14.6 22.0#
 100 2.4 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.279 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031596.D
 Acq: 29 Apr 2019 19:01

Tgt Ion: 75 Resp: 34497
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.9 38.9

