

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031165.D
 Acq On : 13 Apr 2019 18:36
 Operator : JC/SP
 Sample : K2353-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ61

Quant Time: Apr 13 22:32:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186621	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196207	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.90%
7) Chloroethane-d5	1.68	69	155259	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.98%
11) 1,1-Dichloroethene-d2	2.27	63	269012	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.70%
21) 2-Butanone-d5	4.17	46	308526	95.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.64	84	311001	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.31	65	218241	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
32) Benzene-d6	5.33	84	632382	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	6.32	67	212644	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.56	98	540338	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%
43) trans-1,3-Dichloropropene-	7.85	79	92945	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.31	63	187430	90.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302157	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	202710	55.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.46%

Target Compounds

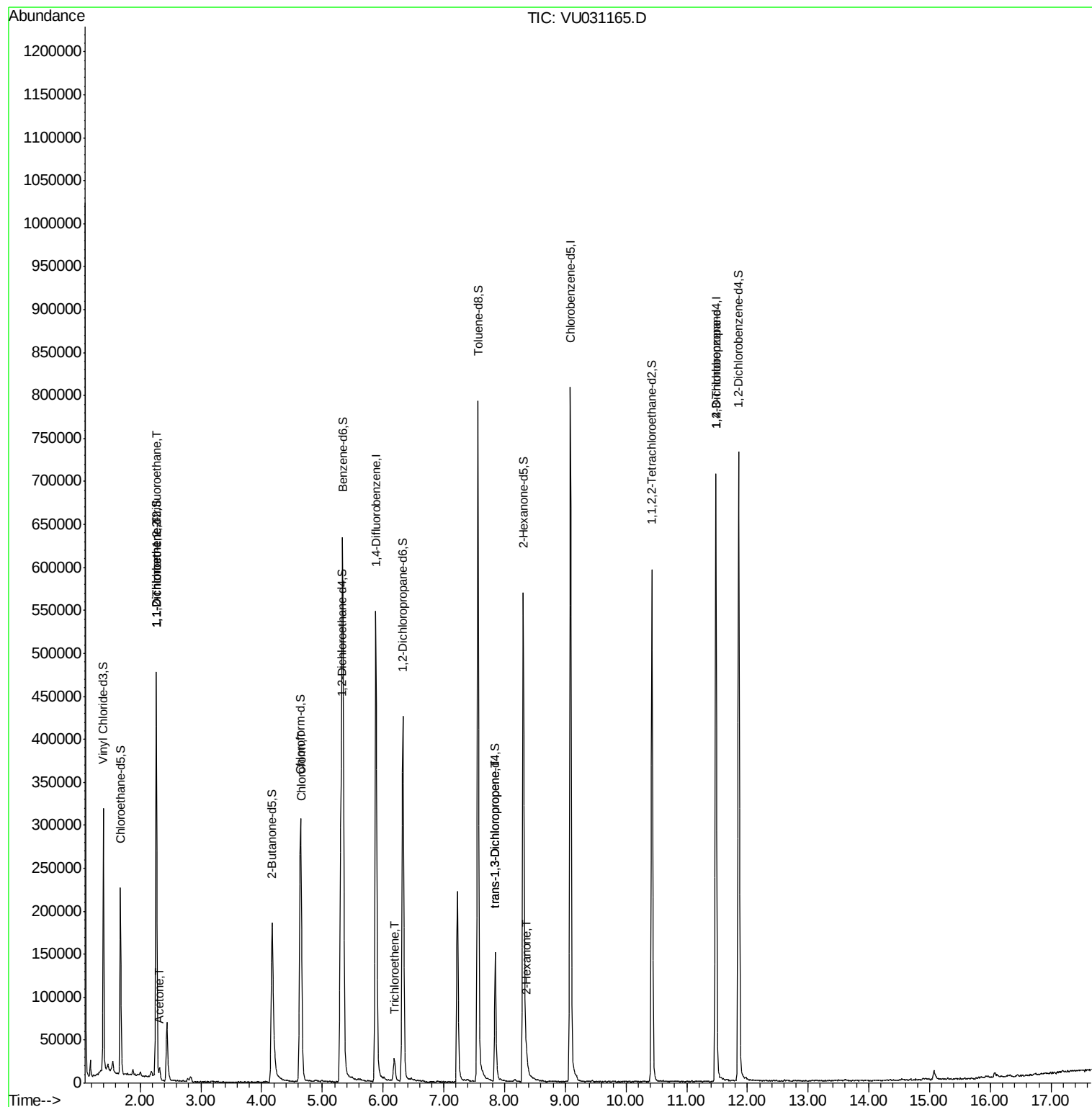
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2225	0.678	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2148	0.678	ug/L #	1
13) Acetone	2.32	43	12091	3.644	ug/L	95
25) Chloroform	4.66	83	4354	0.624	ug/L #	67
34) Trichloroethene	6.19	95	10144	2.804	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	4031	0.769	ug/L #	67
48) 2-Hexanone	8.36	43	9547	1.822	ug/L #	57
59) 1,2,3-Trichloropropane	11.48	75	21512	4.301	ug/L #	85

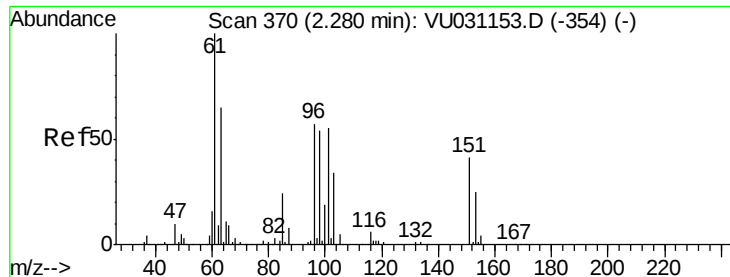
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 22:32:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.678 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031165.D

Acq: 13 Apr 2019 18:36

Instrument :

MSVOA_U

ClientSampled :

ETJ61

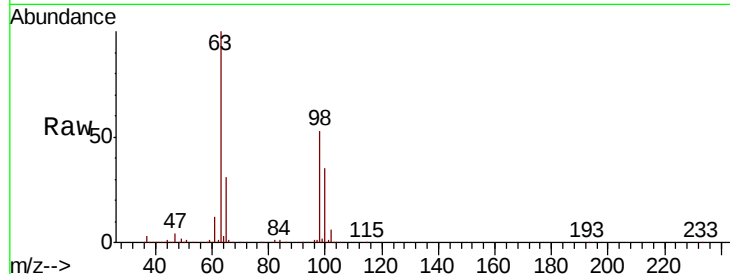
Tot Ion:101 Resp: 2225

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

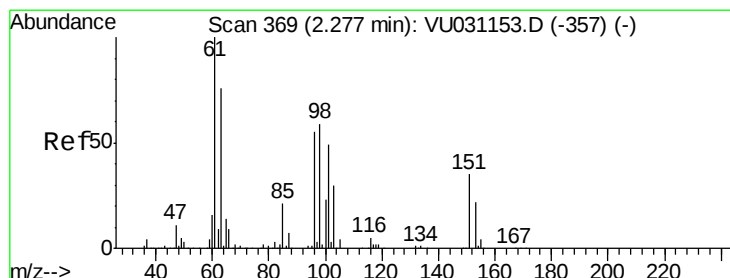
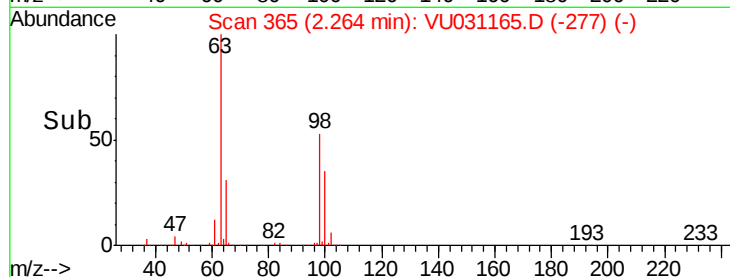
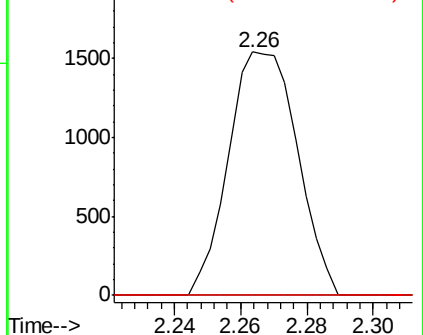
151 0.0 57.4 86.0#



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: 0.678 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031165.D

Acq: 13 Apr 2019 18:36

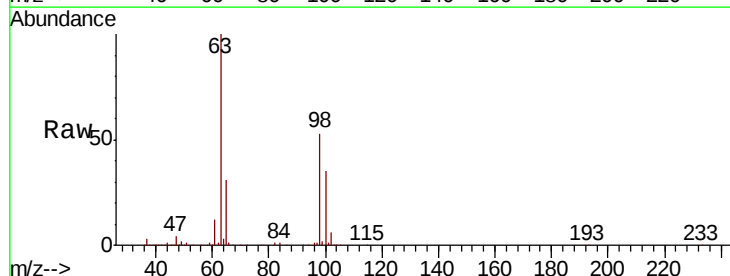
Tgt Ion: 96 Resp: 2148

Ion Ratio Lower Upper

96 100

61 1637.6 132.0 245.2#

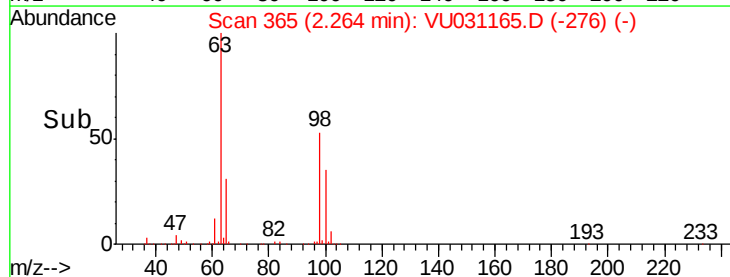
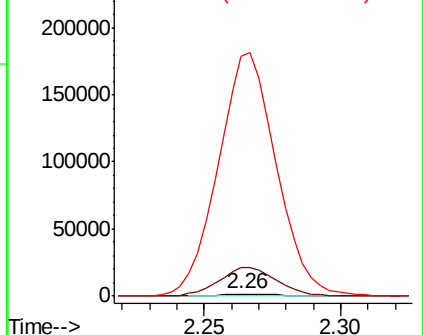
63 13757.3 90.9 168.9#

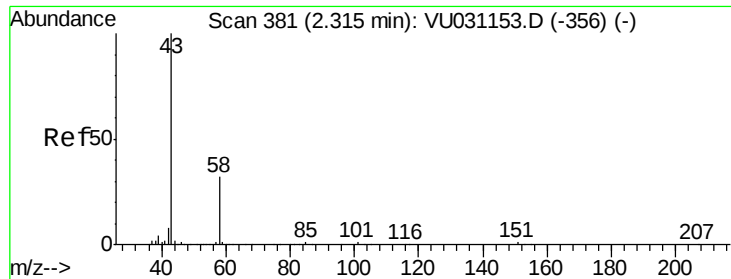


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.644 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031165.D

Acq: 13 Apr 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

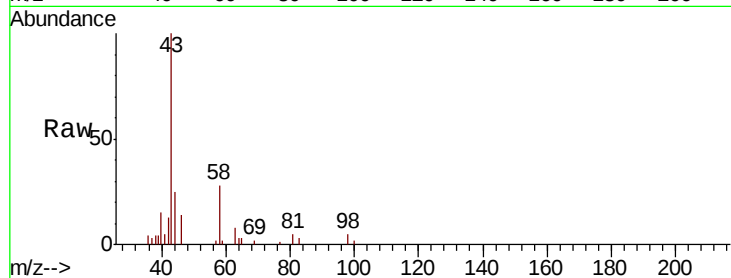
ETJ61

Tot Ion: 43 Resp: 12091

Ion Ratio Lower Upper

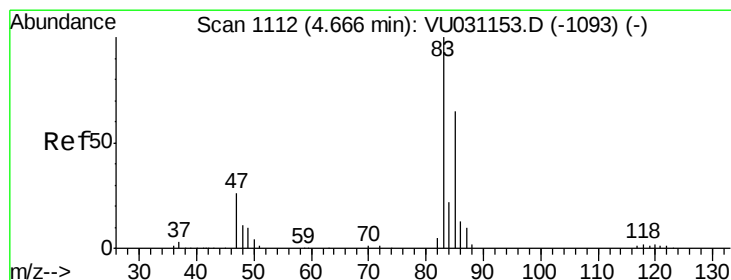
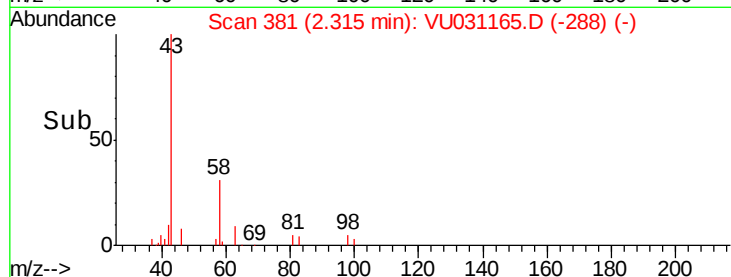
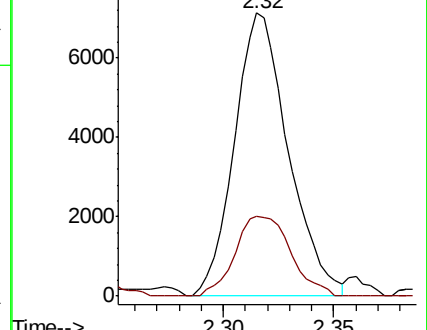
43 100

58 29.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031153.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU031153.D (-356) (-)



#25

Chloroform

Concen: 0.624 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU031165.D

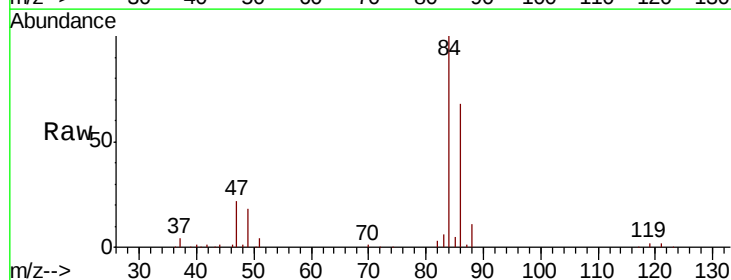
Acq: 13 Apr 2019 18:36

Tgt Ion: 83 Resp: 4354

Ion Ratio Lower Upper

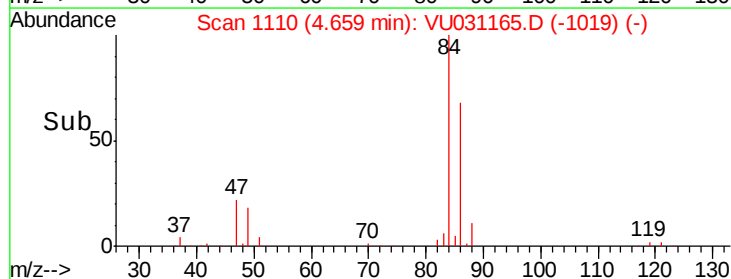
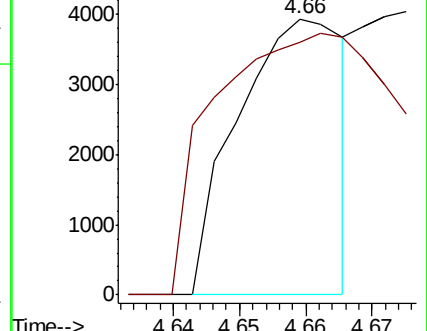
83 100

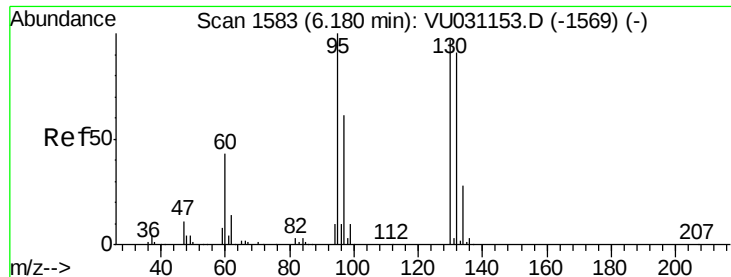
85 91.7 45.8 85.0#



Abundance Ion 83.00 (82.70 to 83.70): VU031153.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031153.D (-1093) (-)

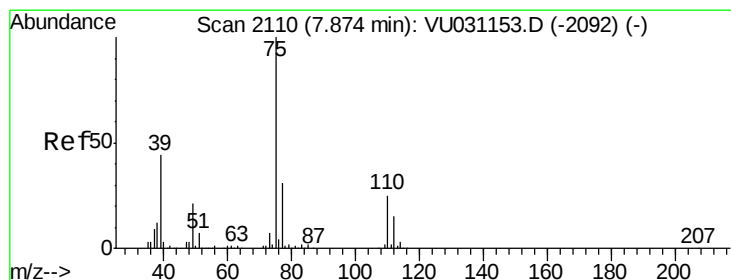
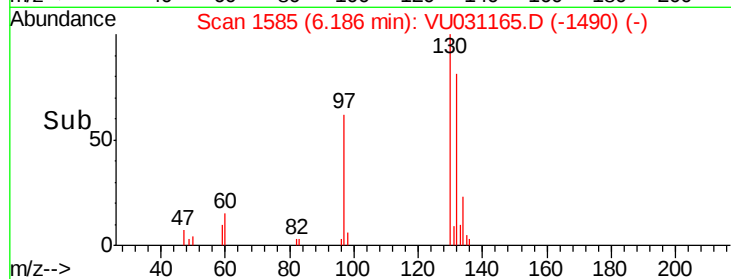
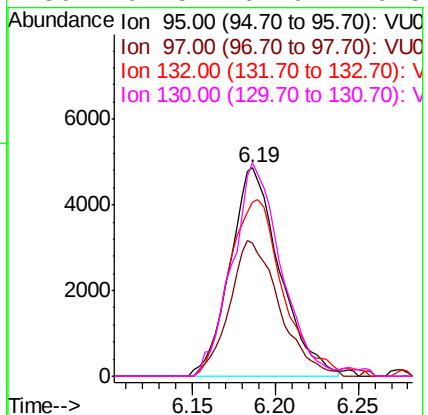
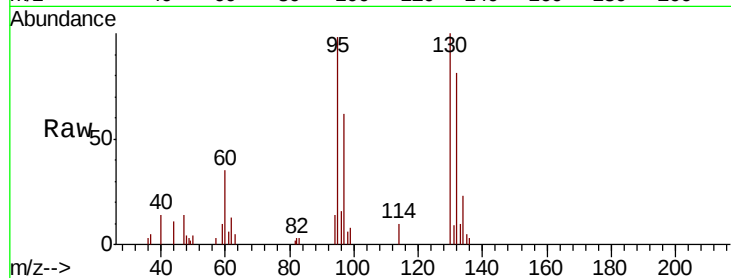




#34
 Trichloroethene
 Concen: 2.804 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031165.D
 Acq: 13 Apr 2019 18:36

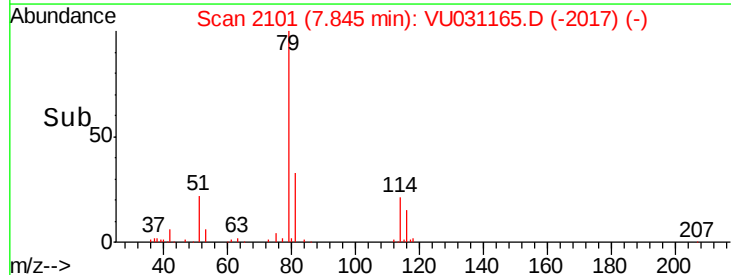
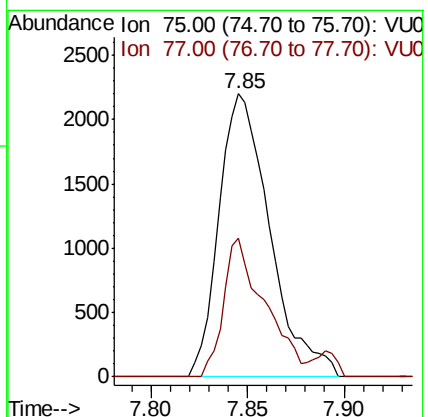
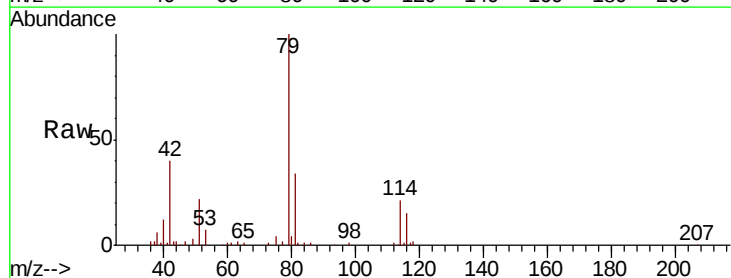
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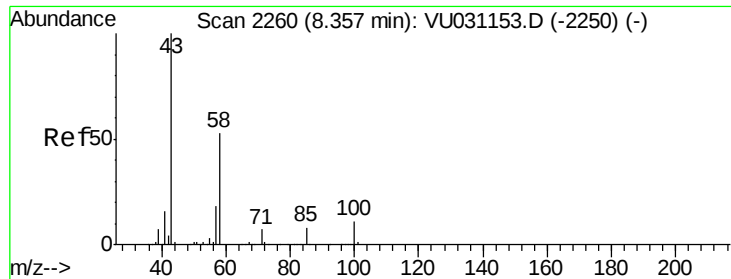
Tot Ion: 95 Resp: 10144
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.5 82.7
 132 83.5 61.5 114.1
 130 102.5 64.9 120.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.769 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031165.D
 Acq: 13 Apr 2019 18:36

Tgt Ion: 75 Resp: 4031
 Ion Ratio Lower Upper
 75 100
 77 48.9 21.6 40.0#

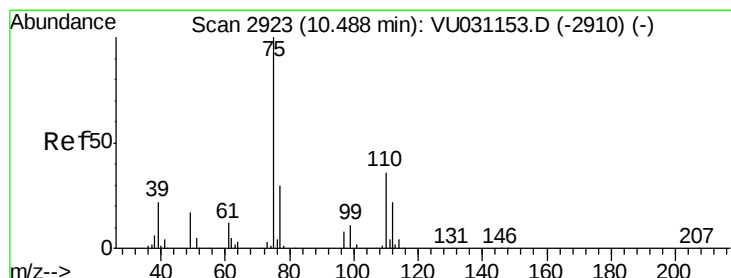
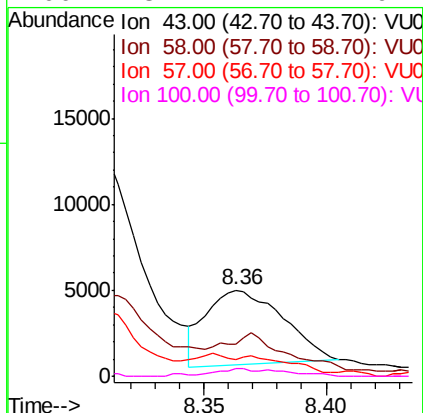
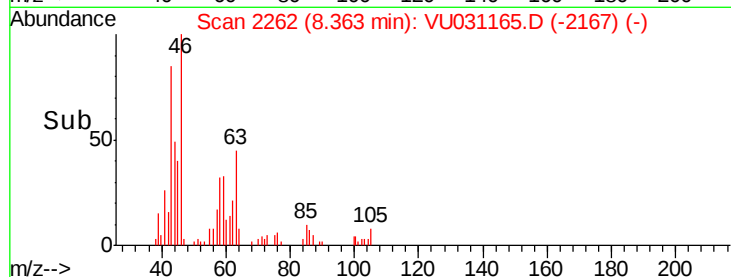
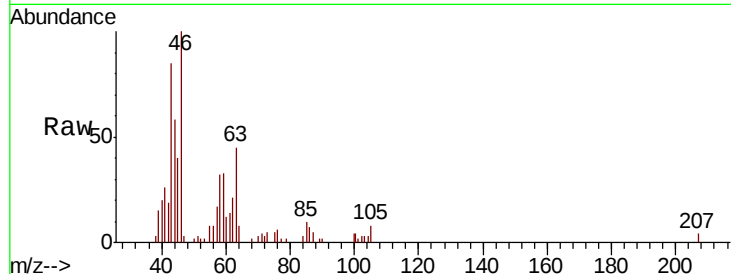




#48
2-Hexanone
Concen: 1.822 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031165.D
Acq: 13 Apr 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :
ETJ61

Tot Ion: 43 Resp: 9547
Ion Ratio Lower Upper
43 100
58 10.8 41.9 62.9#
57 13.8 14.3 21.5#
100 3.4 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.301 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031165.D
Acq: 13 Apr 2019 18:36

Tgt Ion: 75 Resp: 21512
Ion Ratio Lower Upper
75 100
77 41.2 26.1 39.1#

