

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031228.D
 Acq On : 16 Apr 2019 22:19
 Operator : JC/SP
 Sample : K2339-11DL2 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC34DL2

Quant Time: Apr 17 04:17:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	488801	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450399	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216052	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	172305	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.18%
11) 1,1-Dichloroethene-d2	2.27	63	305553	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	4.19	46	340785	103.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.94%
24) Chloroform-d	4.64	84	347360	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.31	65	224043	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.34	84	660618	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	217348	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.56	98	660552	52.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.44%
43) trans-1,3-Dichloropropene-	7.85	79	105569	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.58%
47) 2-Hexanone-d5	8.31	63	219521	100.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281418	43.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	209222	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

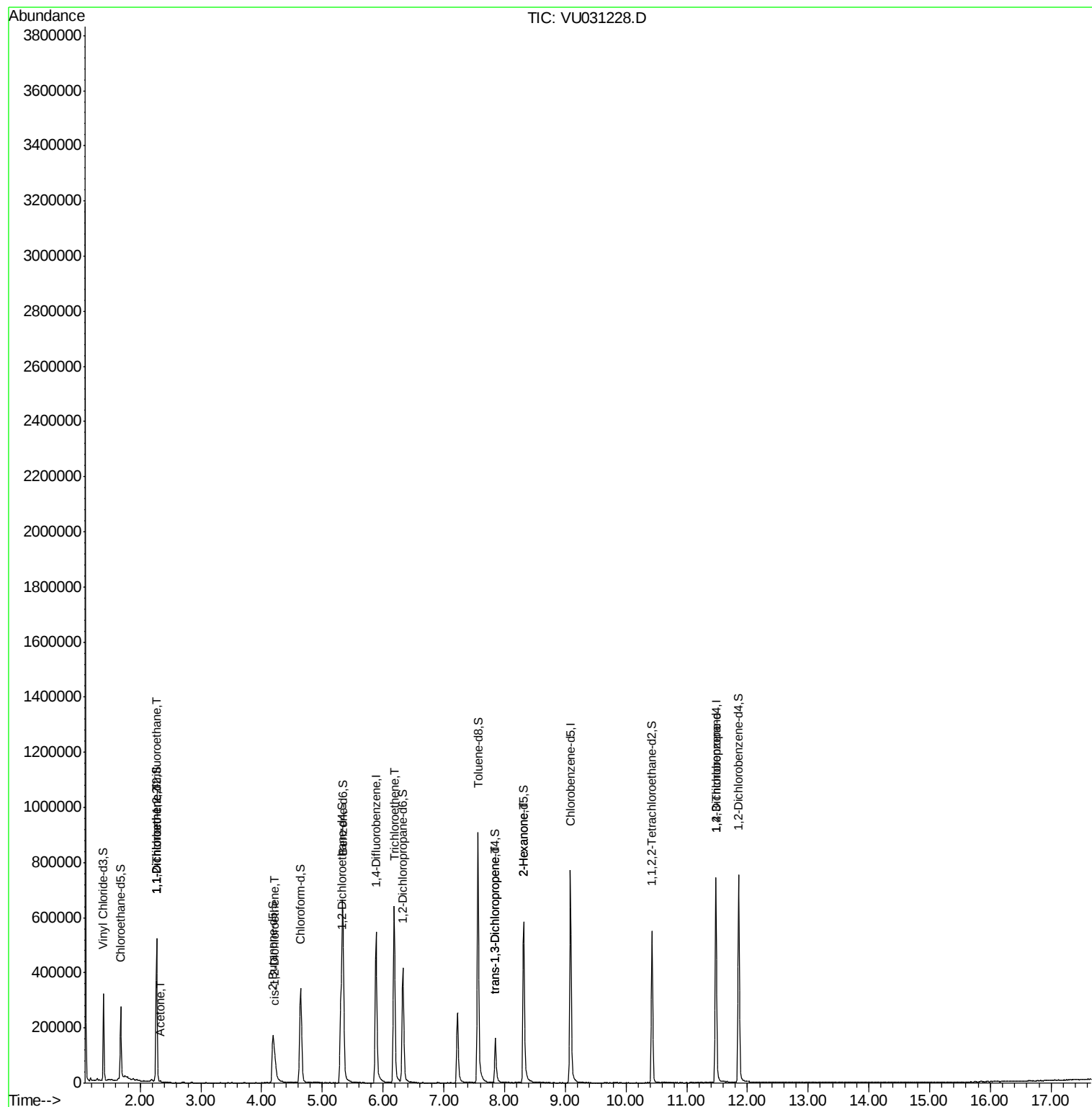
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3324	0.853 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	4416	1.156 ug/L #	1
13) Acetone	2.34	43	1327	0.526 ug/L	73
20) cis-1,2-Dichloroethene	4.22	96	15732	3.884 ug/L	93
34) Trichloroethene	6.18	95	240761	63.519 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4585	0.878 ug/L	83
48) 2-Hexanone	8.32	43	28016	6.223 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	24263	5.085 ug/L	94

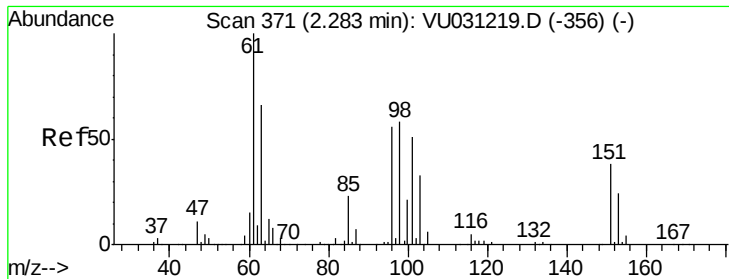
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.853 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031228.D

Acq: 16 Apr 2019 22:19

Instrument :

MSVOA_U

ClientSampleId :

BFC34DL2

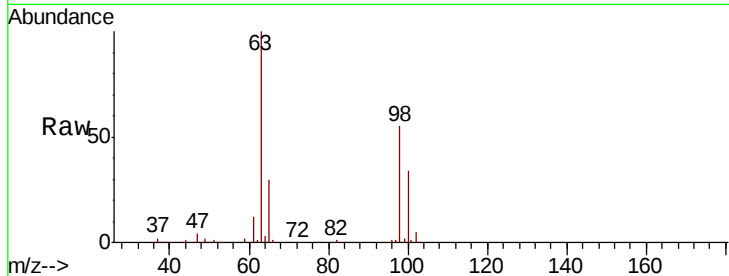
Tgt Ion: 101 Resp: 3324

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

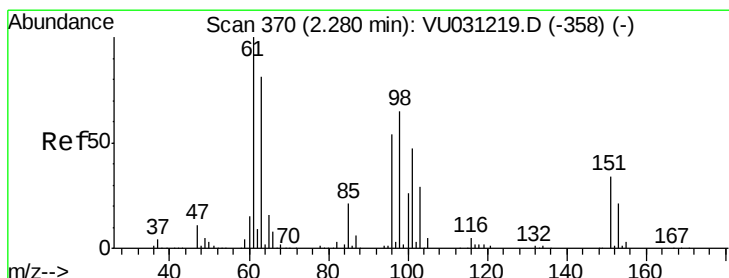
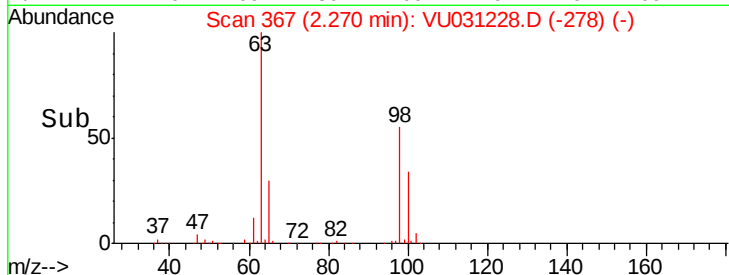
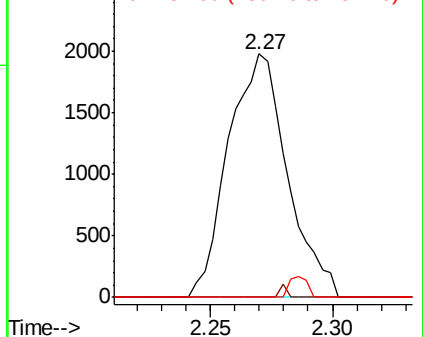
151 2.7 59.8 89.8#



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: 1.156 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031228.D

Acq: 16 Apr 2019 22:19

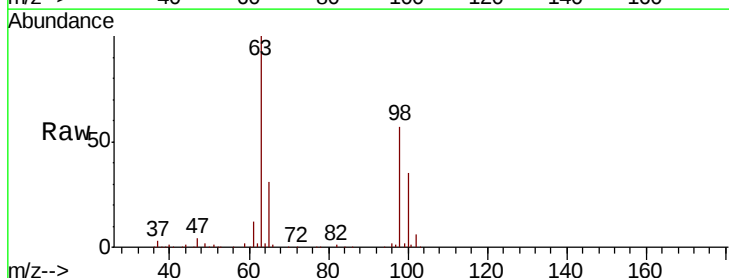
Tgt Ion: 96 Resp: 4416

Ion Ratio Lower Upper

96 100

61 803.8 130.4 242.2#

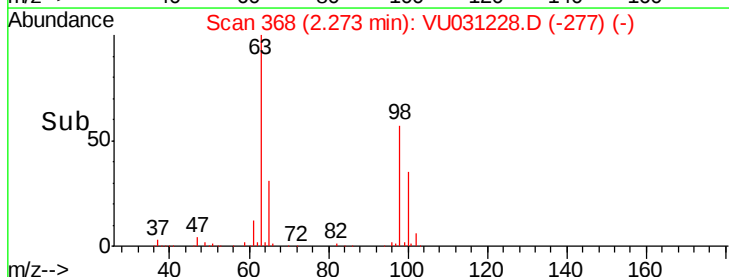
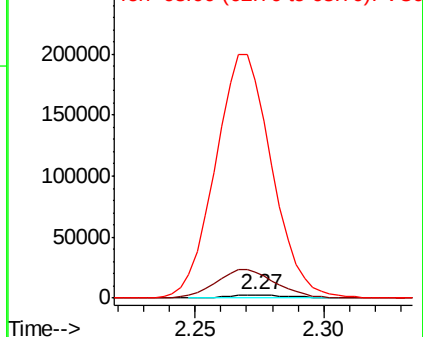
63 6613.2 108.9 202.3#

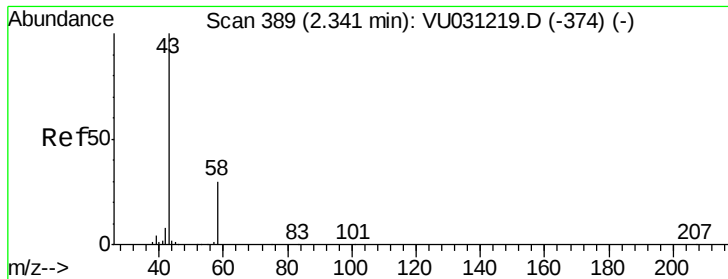


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.526 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031228.D

Acq: 16 Apr 2019 22:19

Instrument :

MSVOA_U

ClientSampleId :

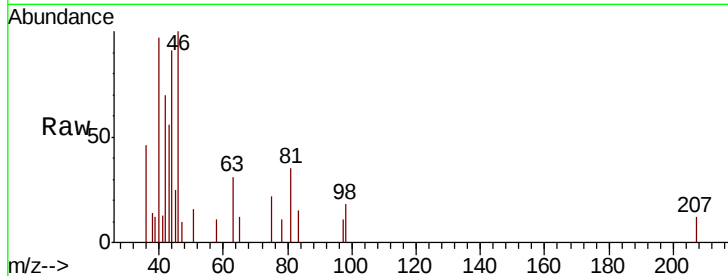
BFC34DL2

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

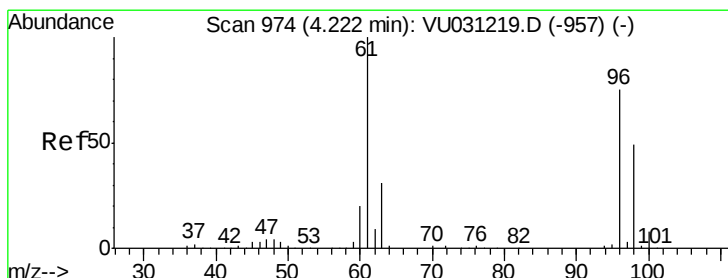
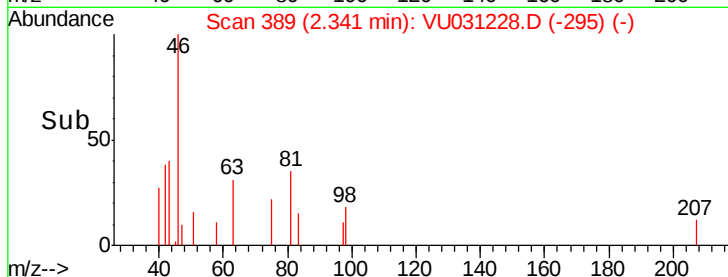
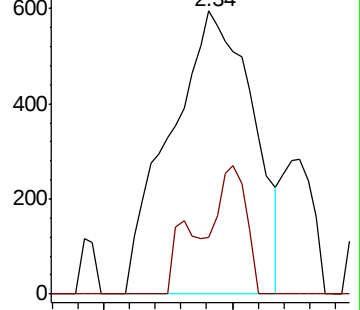
43 100

58 17.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.884 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031228.D

Acq: 16 Apr 2019 22:19

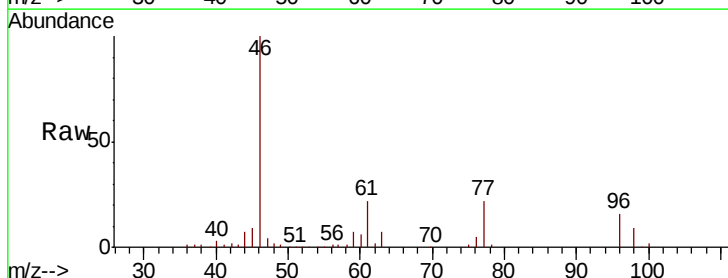
Tgt Ion: 96 Resp: 15732

Ion Ratio Lower Upper

96 100

61 131.7 98.2 182.4

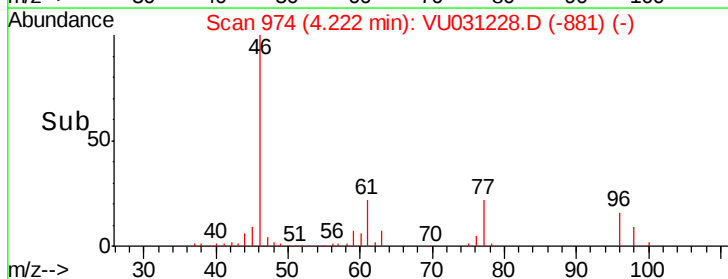
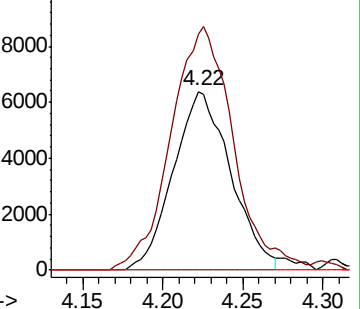
68 0.0 0.0 0.0

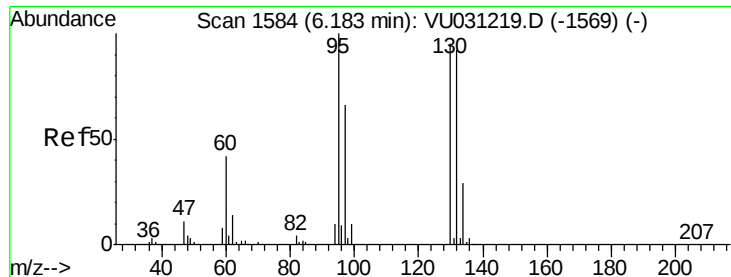


Abundance Ion 96.00 (95.70 to 96.70): VU031219.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU031219.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU031219.D (-957) (-)

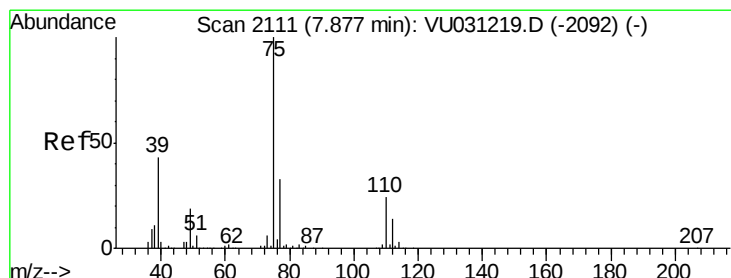
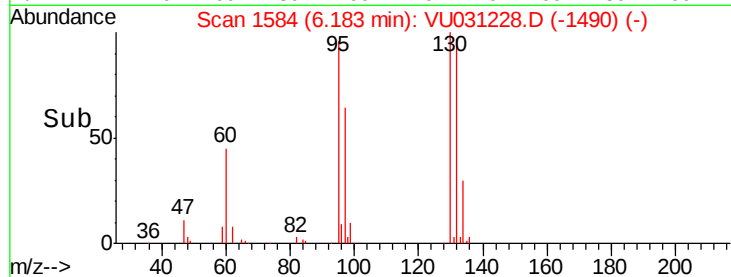
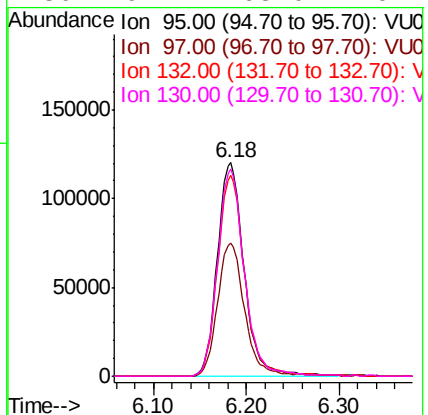
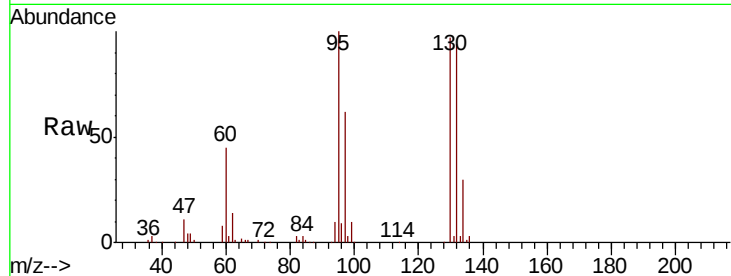




#34
 Trichloroethene
 Concen: 63.519 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031228.D
 Acq: 16 Apr 2019 22:19

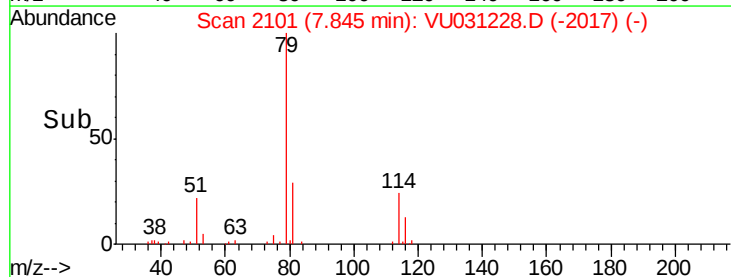
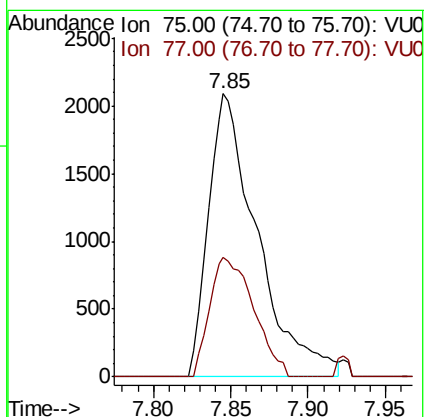
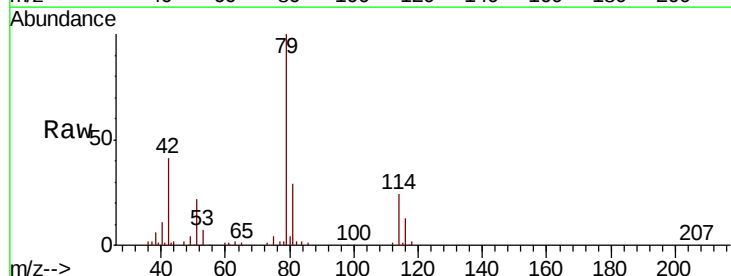
Instrument :
 MSVOA_U
 ClientSampled :
 BFC34DL2

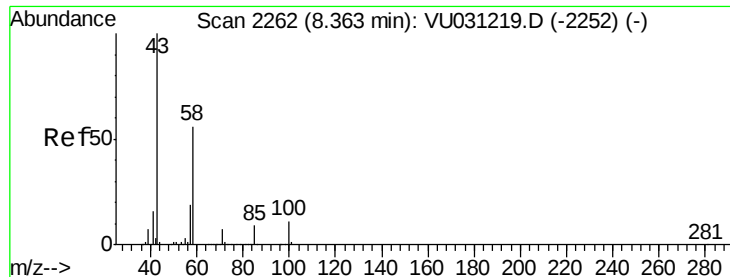
Tgt Ion:	95	Resp:	240761
Ion	Ratio	Lower	Upper
95	100		
97	62.4	43.6	81.0
132	94.3	64.5	119.7
130	97.4	68.0	126.2



#44
 trans-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031228.D
 Acq: 16 Apr 2019 22:19

Tgt Ion:	75	Resp:	4585
Ion	Ratio	Lower	Upper
75	100		
77	42.3	22.8	42.4

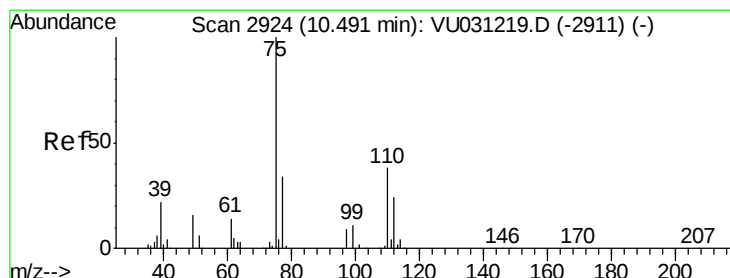
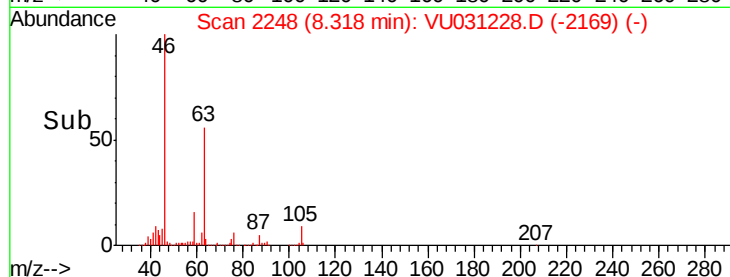
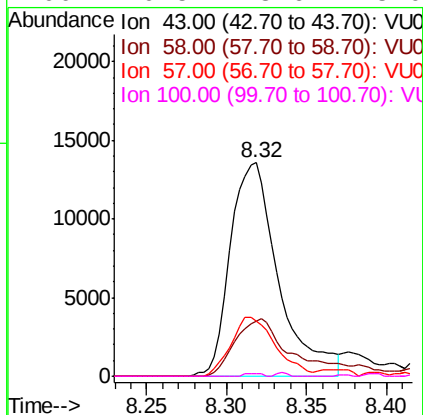
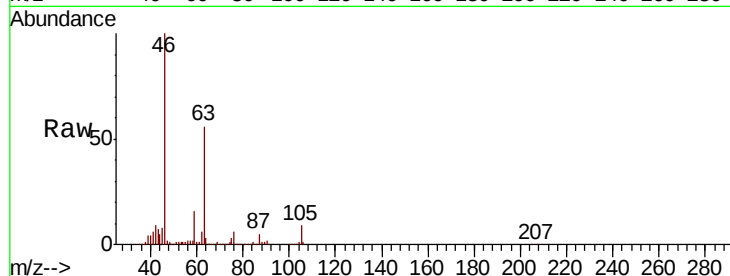




#48
 2-Hexanone
 Concen: 6.223 ug/L
 RT: 8.32 min Scan# 2248
 Delta R.T. -0.05 min
 Lab File: VU031228.D
 Acq: 16 Apr 2019 22:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC34DL2

Tgt Ion:	43	Resp:	28016
Ion	Ratio	Lower	Upper
43	100		
58	27.3	44.9	67.3#
57	25.4	15.1	22.7#
100	0.5	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.085 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031228.D
 Acq: 16 Apr 2019 22:19

Tgt Ion:	75	Resp:	24263
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.2

