

Data File : VU031117.D
Acq On : 12 Apr 2019 10:09
Operator : JC/SP
Sample : K2341-13RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 109 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB735

Quant Time: Apr 12 23:35:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	512069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	495956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229922	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	169040	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.44%
11) 1,1-Dichloroethene-d2	2.27	63	298020	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	4.17	46	308637	85.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.19%
24) Chloroform-d	4.64	84	323028	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.31	65	222509	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.33	84	678441	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
36) 1,2-Dichloropropane-d6	6.32	67	224303	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.42%
41) Toluene-d8	7.56	98	578548	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%
43) trans-1,3-Dichloropropene-	7.85	79	97125	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
47) 2-Hexanone-d5	8.31	63	177339	78.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296684	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	206940	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

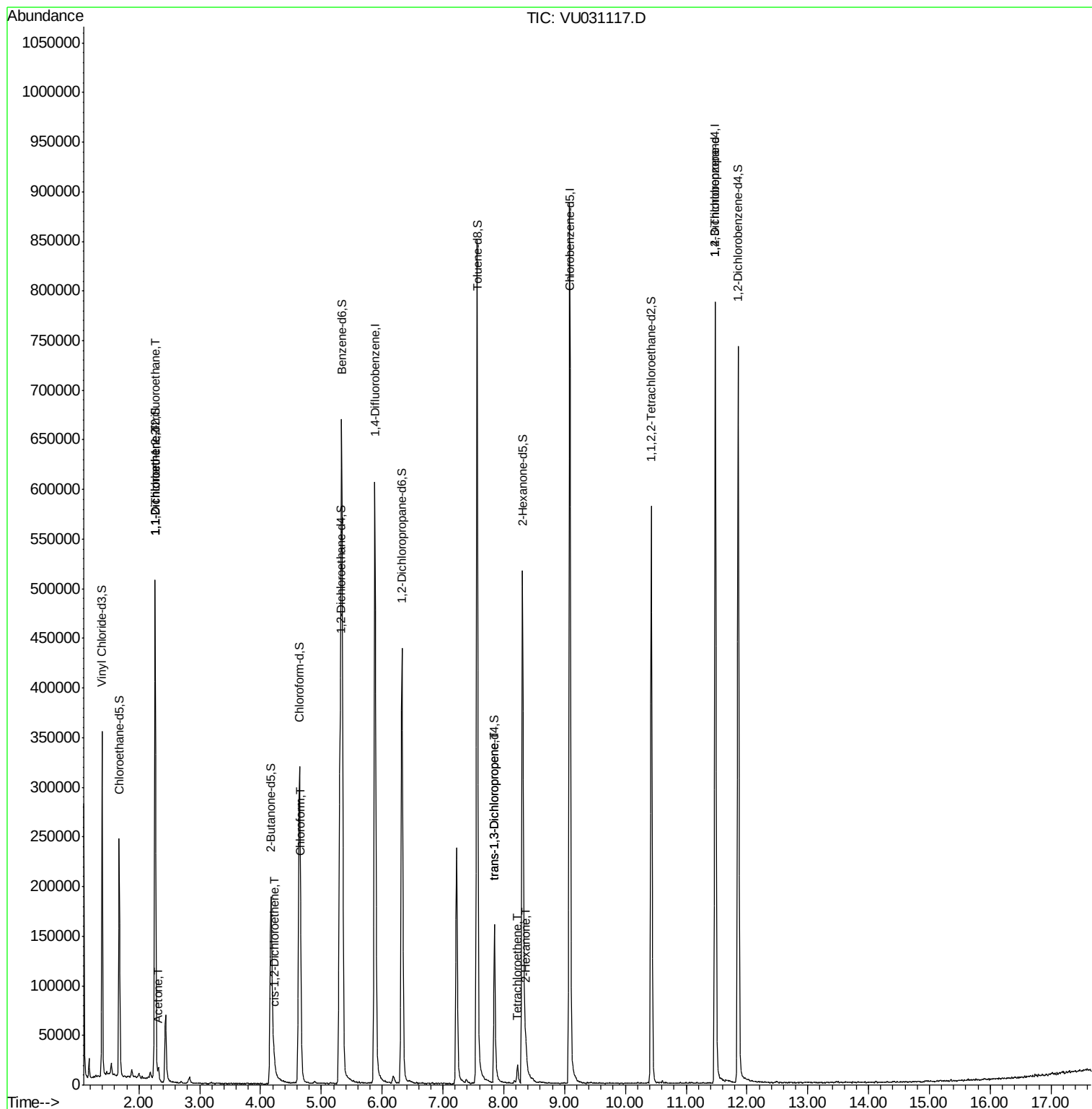
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2436	0.664	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2473	0.699	ug/L #	1
13) Acetone	2.32	43	11346	3.061	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	4168	1.004	ug/L	90
25) Chloroform	4.67	83	12645	1.622	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3919	0.680	ug/L	87
46) Tetrachloroethene	8.23	164	4337	1.499	ug/L	84
48) 2-Hexanone	8.36	43	15785	2.738	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	25197	4.578	ug/L	94

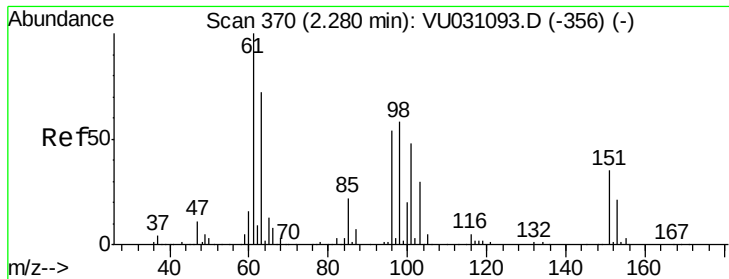
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.664 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 12 Apr 2019 10:09

Instrument :

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DB735

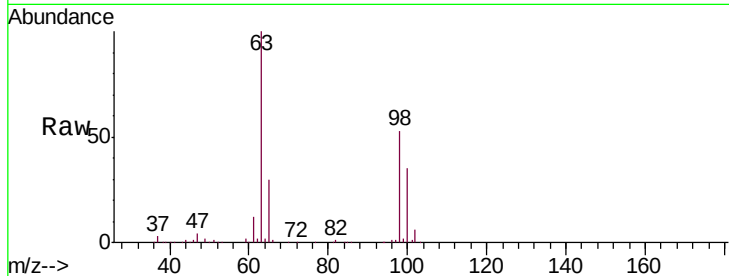
Tgt Ion: 101 Resp: 2436

Ion Ratio Lower Upper

101 100

85 2.1 36.8 55.2#

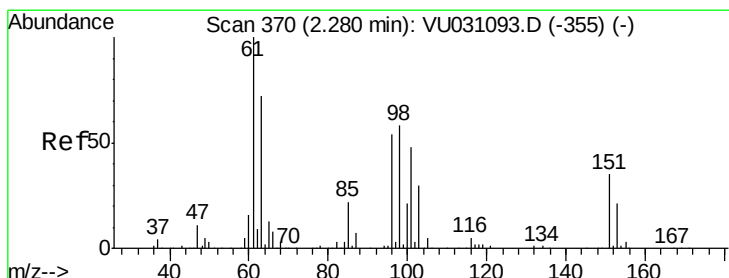
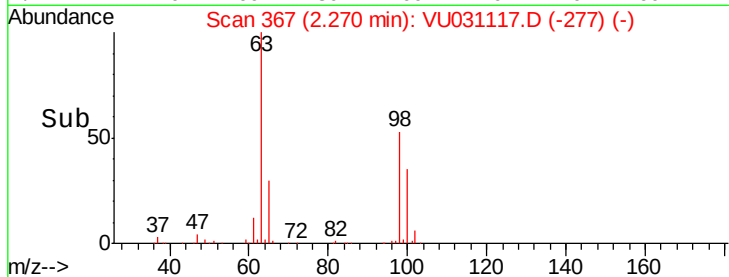
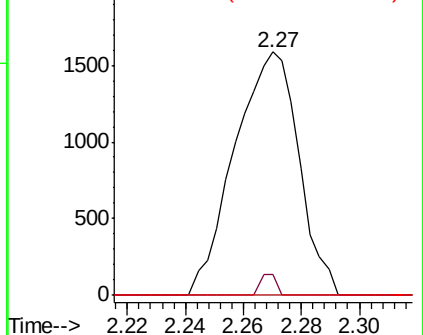
151 0.0 57.4 86.0#



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: 0.699 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031117.D

Acq: 12 Apr 2019 10:09

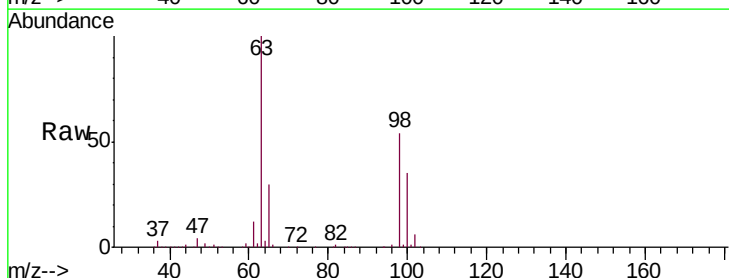
Tgt Ion: 96 Resp: 2473

Ion Ratio Lower Upper

96 100

61 1312.1 132.0 245.2#

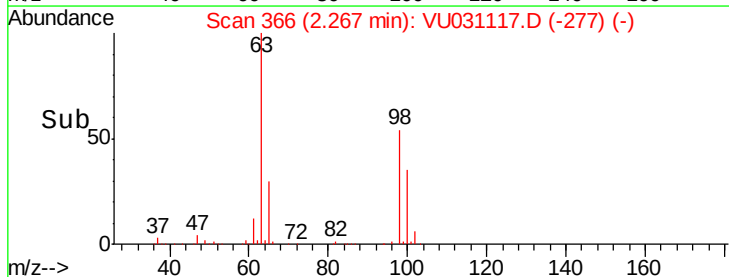
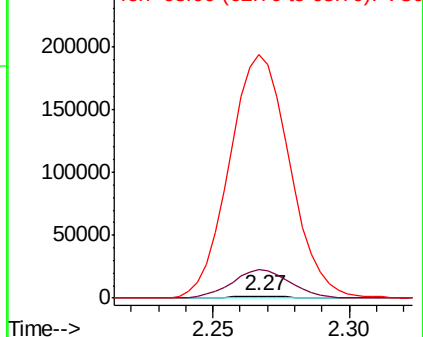
63 11239.9 90.9 168.9#

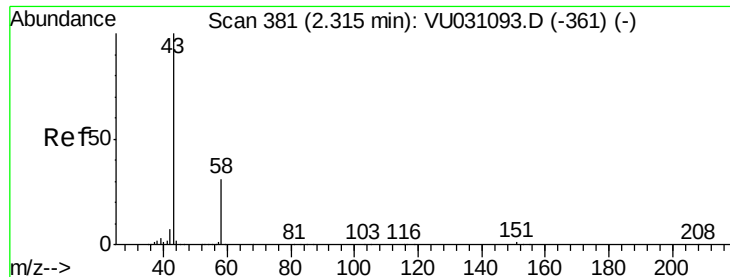


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.061 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031117.D

Acq: 12 Apr 2019 10:09

Instrument :

MSVOA_U

ClientSampleId :

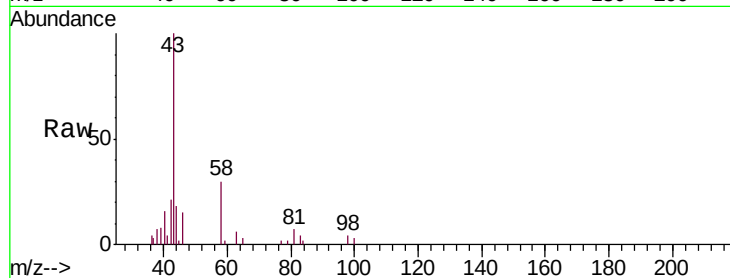
DB735

Tgt Ion: 43 Resp: 11346

Ion Ratio Lower Upper

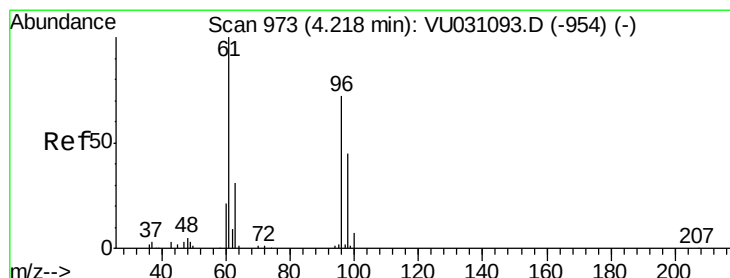
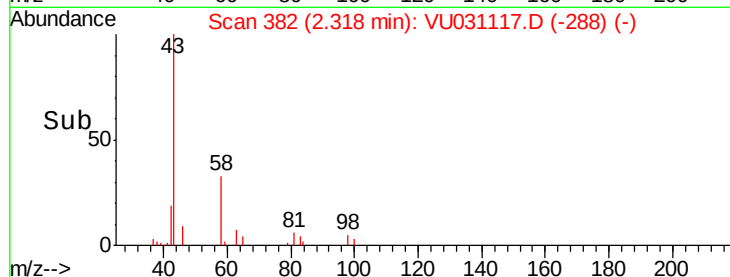
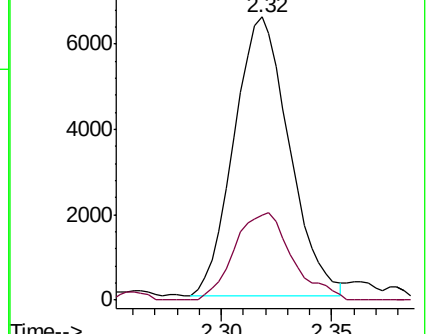
43 100

58 32.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.004 ug/L

RT: 4.23 min Scan# 977

Delta R.T. 0.01 min

Lab File: VU031117.D

Acq: 12 Apr 2019 10:09

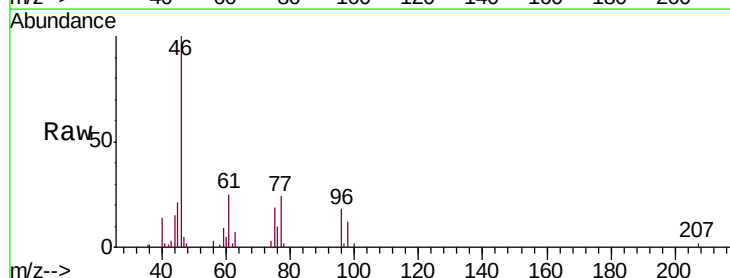
Tgt Ion: 96 Resp: 4168

Ion Ratio Lower Upper

96 100

61 133.9 102.9 191.1

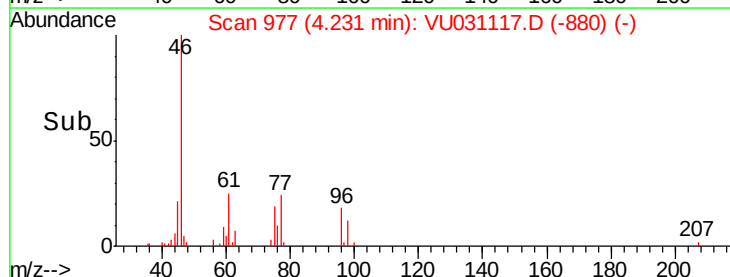
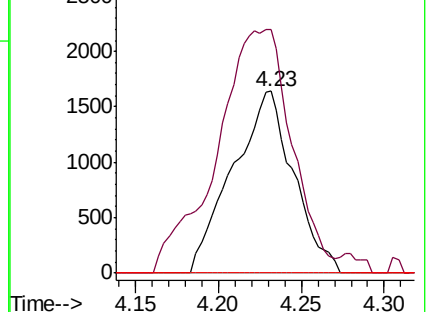
68 0.0 0.0 0.0

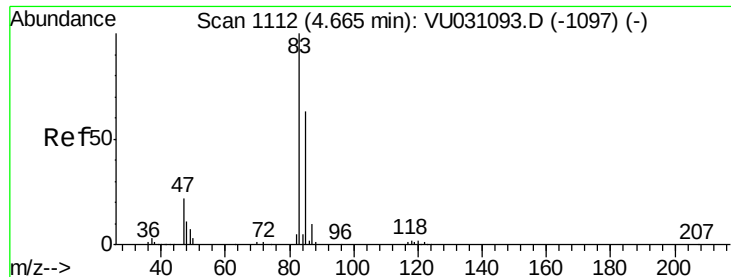


Abundance Ion 96.00 (95.70 to 96.70): VU031093.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031093.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031093.D (-954) (-)

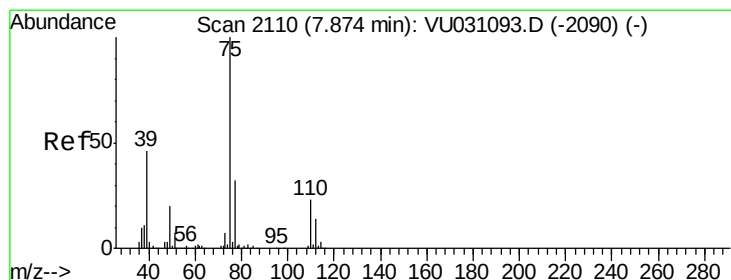
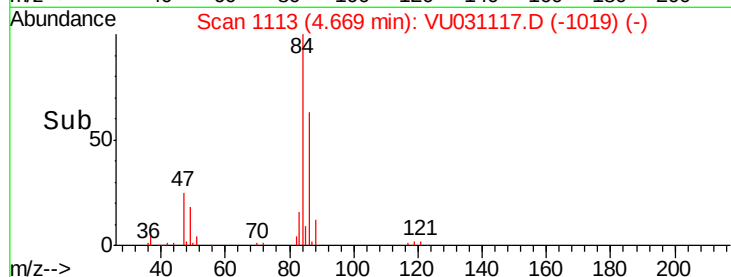
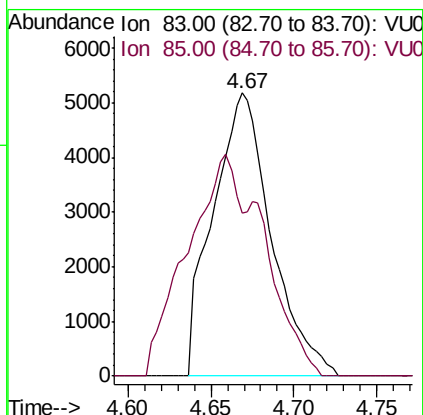
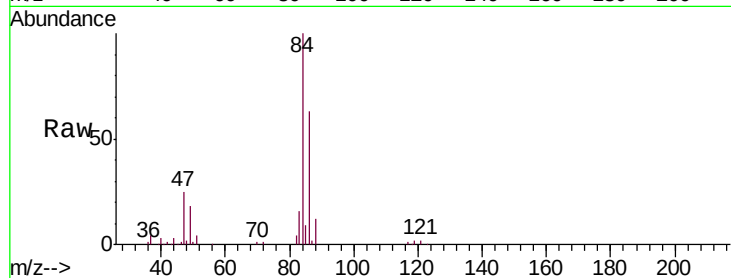




#25
Chloroform
Concen: 1.622 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031117.D
Acq: 12 Apr 2019 10:09

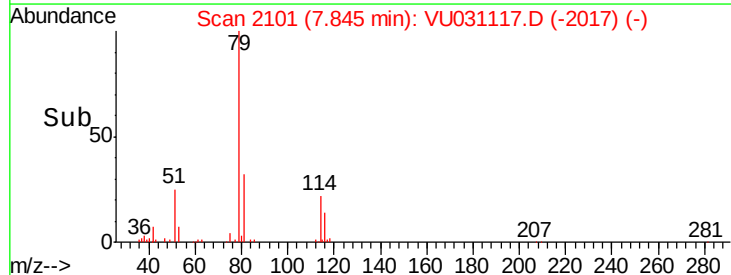
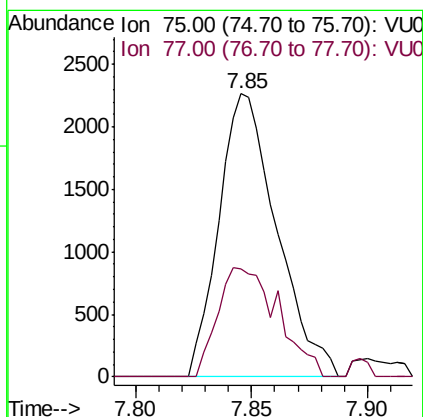
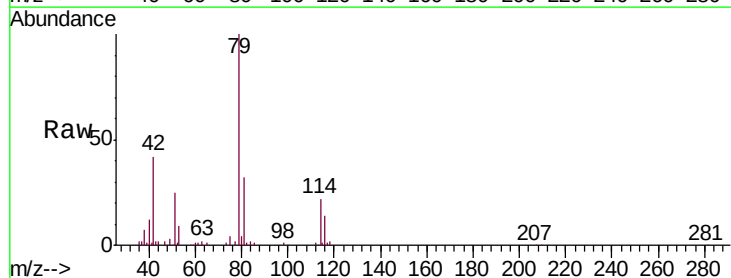
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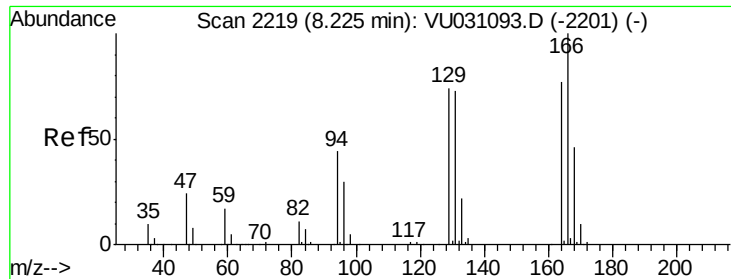
Tgt Ion: 83 Resp: 12645
Ion Ratio Lower Upper
83 100
85 57.6 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.680 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031117.D
Acq: 12 Apr 2019 10:09

Tgt Ion: 75 Resp: 3919
Ion Ratio Lower Upper
75 100
77 38.2 21.6 40.0

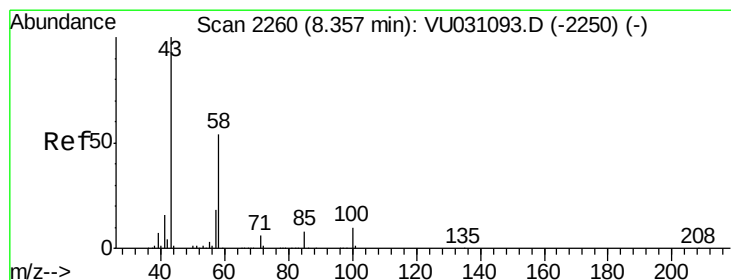
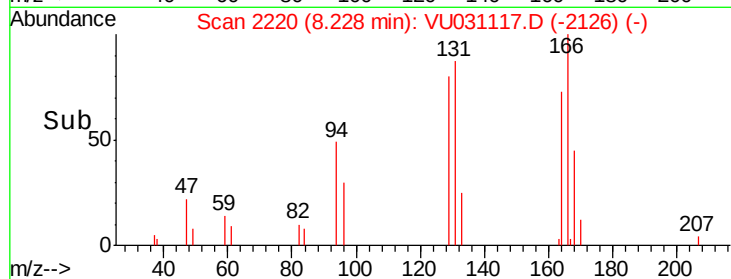
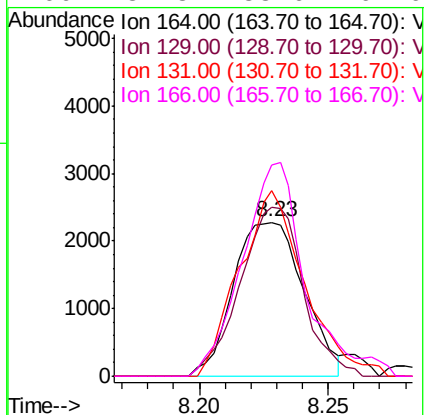
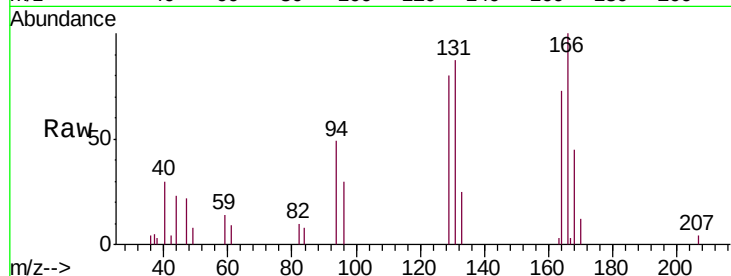




#46
Tetrachloroethene
Concen: 1.499 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031117.D
Acq: 12 Apr 2019 10:09

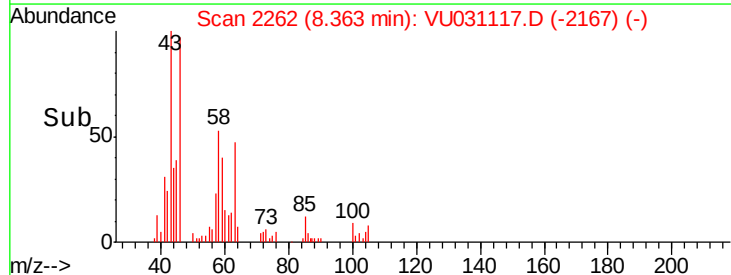
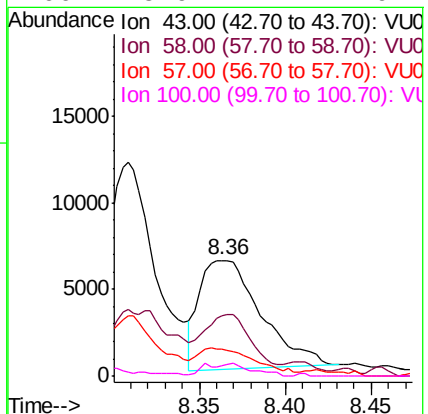
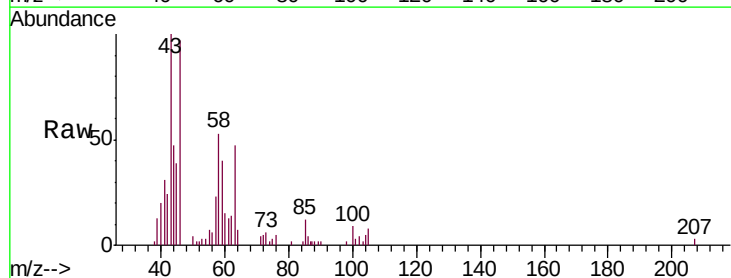
Instrument :
MSVOA_U
ClientSampled :
DB735

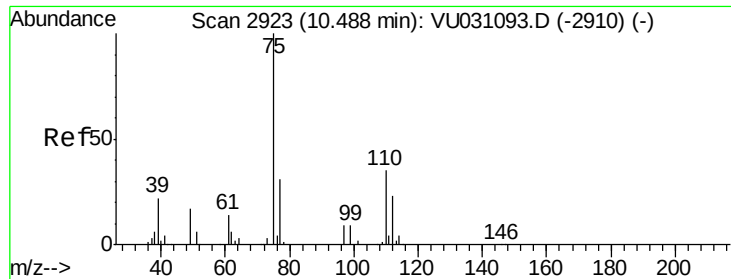
Tgt Ion:	164	Resp:	4337
Ion	Ratio	Lower	Upper
164	100		
129	110.2	67.4	125.2
131	120.4	65.9	122.5
166	137.8	88.6	164.6



#48
2-Hexanone
Concen: 2.738 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031117.D
Acq: 12 Apr 2019 10:09

Tgt Ion:	43	Resp:	15785
Ion	Ratio	Lower	Upper
43	100		
58	32.9	41.9	62.9#
57	0.0	14.3	21.5#
100	5.9	7.1	10.7#





#59

1,2,3-Trichloropropane

Concen: 4.578 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031117.D

Acq: 12 Apr 2019 10:09

Instrument :

MSVOA_U

ClientSampleId :

DB735

Tgt Ion: 75 Resp: 25197

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1

