

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030735.D
 Acq On : 05 Apr 2019 12:00
 Operator : JC/SP
 Sample : K2271-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7D4

Quant Time: Apr 05 23:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	452234	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186746	50.00	ug/L	0.00

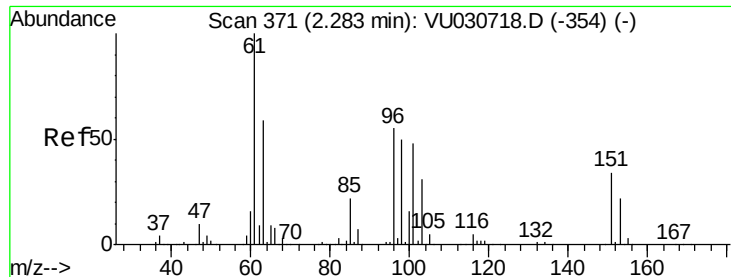
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	200502	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.34%
7) Chloroethane-d5	1.68	69	161643	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.52%
11) 1,1-Dichloroethene-d2	2.27	63	285114	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
21) 2-Butanone-d5	4.17	46	340496	106.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.64	84	305447	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
26) 1,2-Dichloroethane-d4	5.31	65	219344	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
32) Benzene-d6	5.34	84	657216	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
36) 1,2-Dichloropropane-d6	6.32	67	229396	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.90%
41) Toluene-d8	7.56	98	572256	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%
43) trans-1,3-Dichloropropene-	7.85	79	98611	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
47) 2-Hexanone-d5	8.31	63	210869	103.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299307	49.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	194999	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2552	0.788	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2465	0.789	ug/L #	1
13) Acetone	2.32	43	7260	2.217	ug/L	95
25) Chloroform	4.67	83	21950	3.188	ug/L	96
34) Trichloroethene	6.18	95	300196	83.922	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4341	0.838	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	24658	4.985	ug/L	89

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



#10

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

Concen: 0.788 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030735.D

Acq: 05 Apr 2019 12:00

Instrument :

MSVOA_U

ClientSampleId :

DB7D4

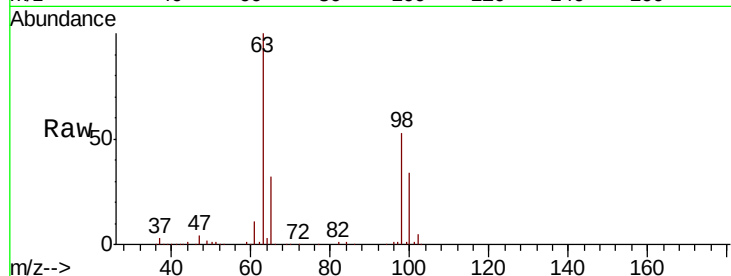
Tot Ion:101 Resp: 2552

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

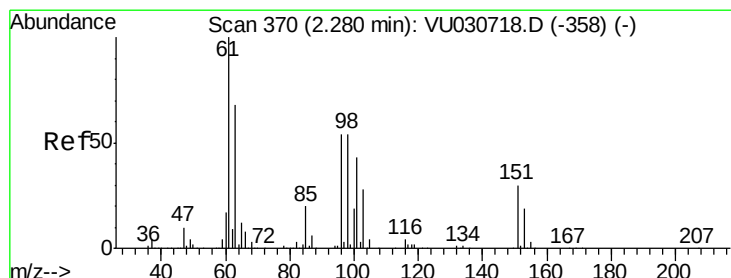
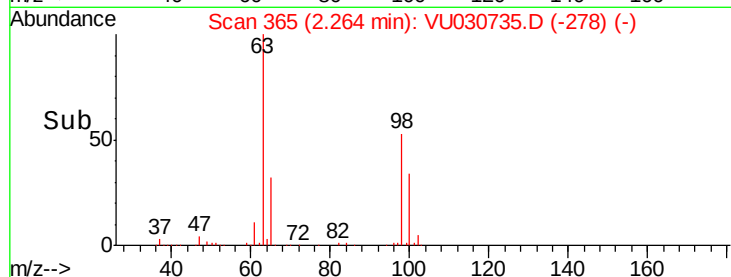
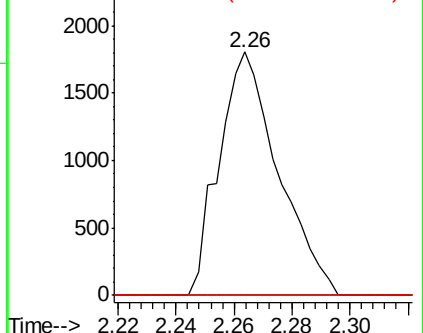
151 0.0 57.4 86.0#



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: 0.789 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030735.D

Acq: 05 Apr 2019 12:00

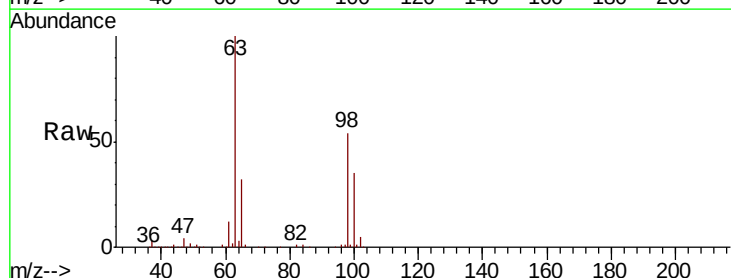
Tgt Ion: 96 Resp: 2465

Ion Ratio Lower Upper

96 100

61 1321.3 132.0 245.2#

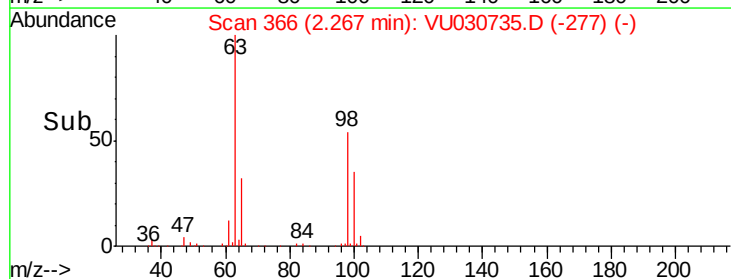
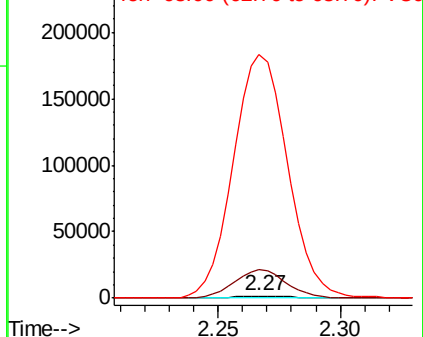
63 11367.6 90.9 168.9#

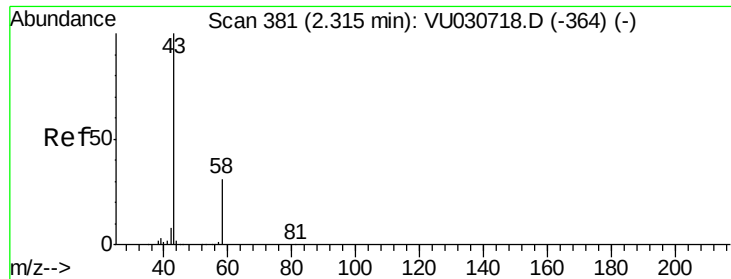


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.217 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030735.D

Acq: 05 Apr 2019 12:00

Instrument :

MSVOA_U

ClientSampleId :

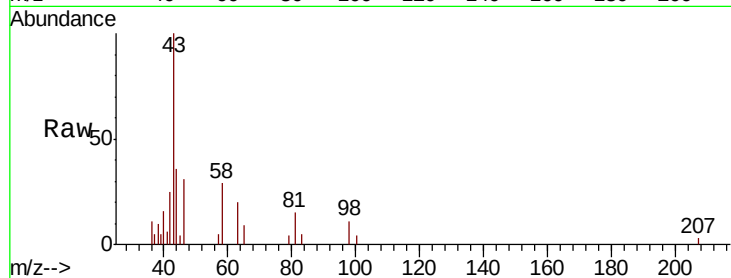
DB7D4

Tot Ion: 43 Resp: 7260

Ion Ratio Lower Upper

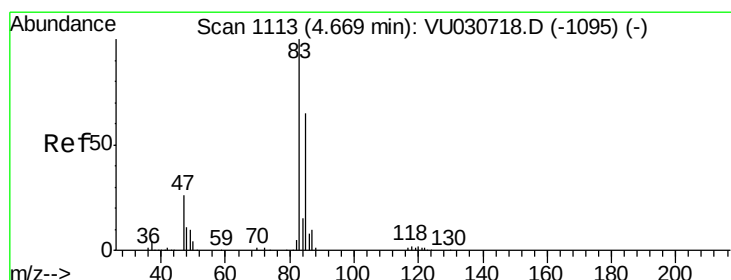
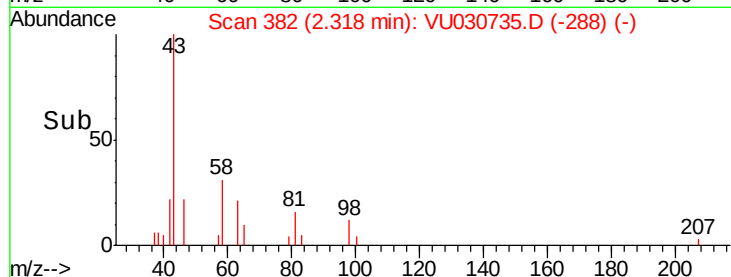
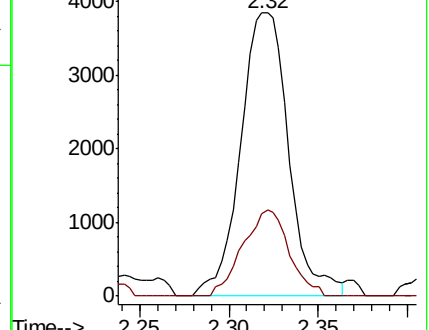
43 100

58 29.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030735.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU030735.D (-364) (-)



#25

Chloroform

Concen: 3.188 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030735.D

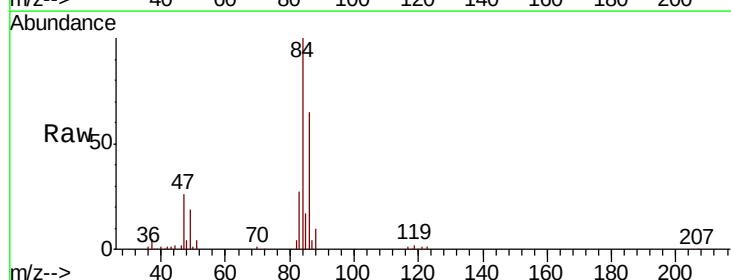
Acq: 05 Apr 2019 12:00

Tgt Ion: 83 Resp: 21950

Ion Ratio Lower Upper

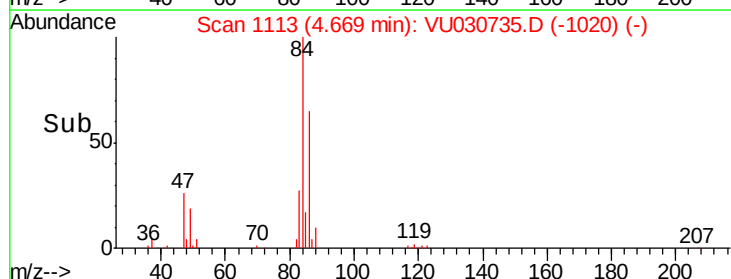
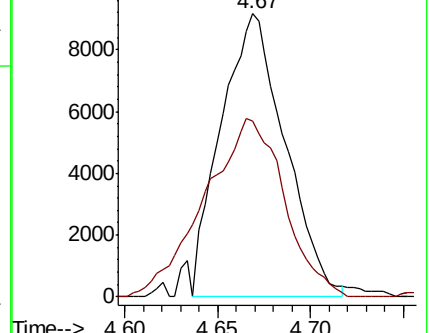
83 100

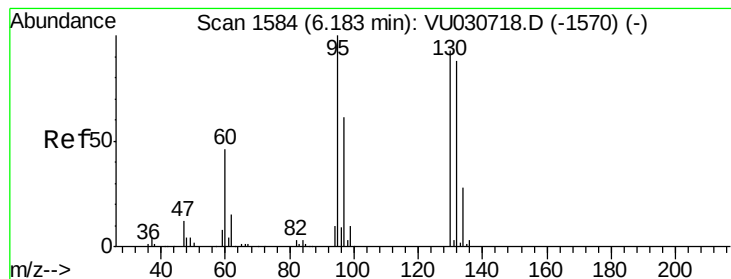
85 62.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030735.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU030735.D (-1095) (-)





#34

Trichloroethene

Concen: 83.922 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030735.D

Acq: 05 Apr 2019 12:00

Instrument :

MSVOA_U

ClientSampleId :

DB7D4

Tot Ion: 95 Resp: 300196

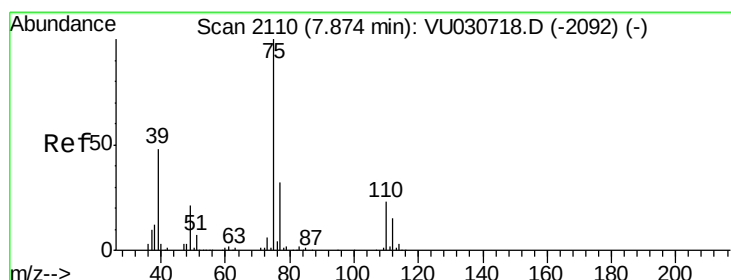
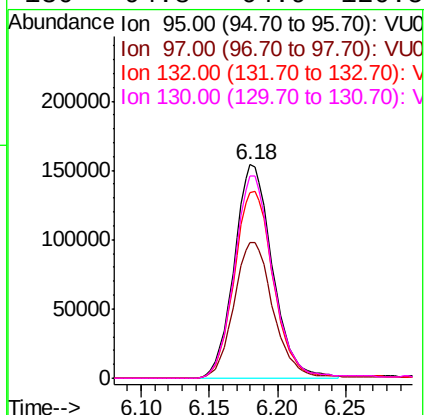
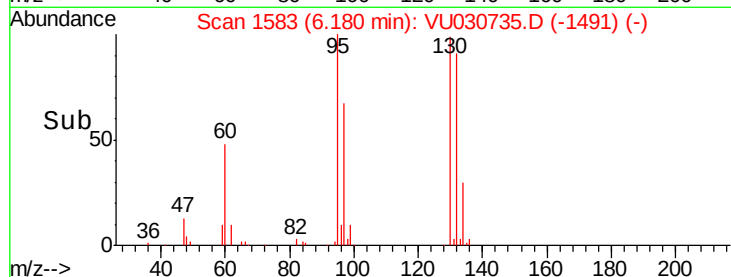
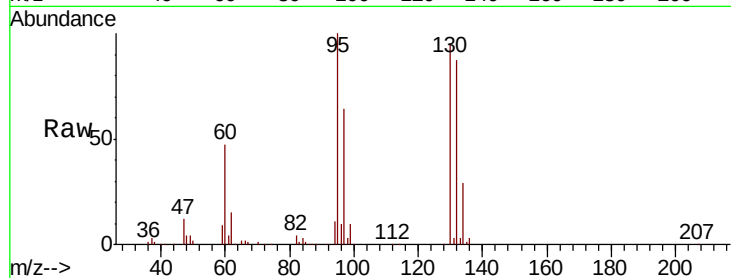
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 87.2 61.5 114.1

130 94.8 64.9 120.5



#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030735.D

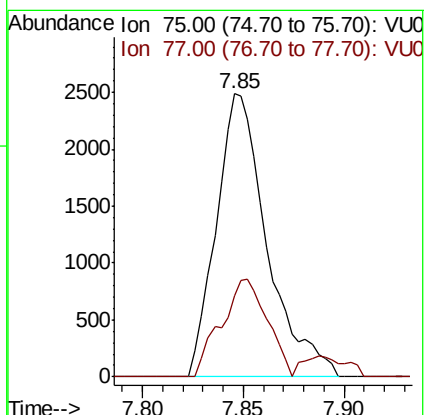
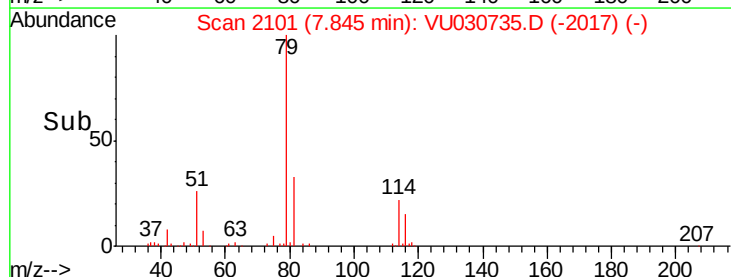
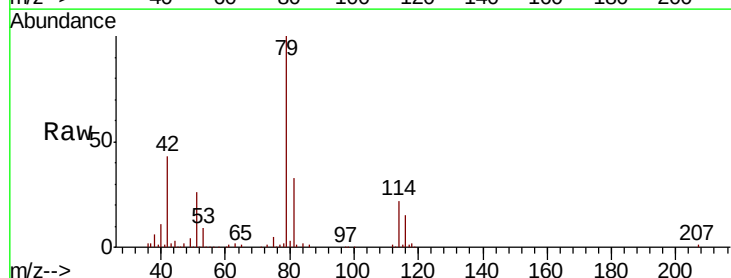
Acq: 05 Apr 2019 12:00

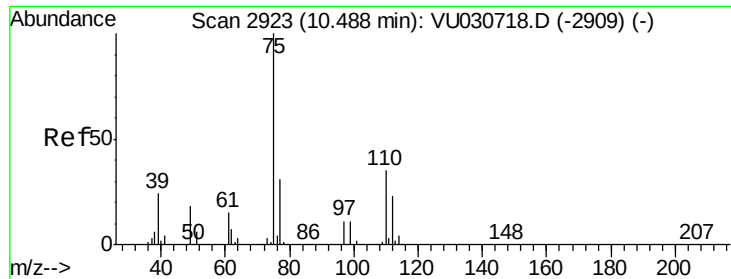
Tgt Ion: 75 Resp: 4341

Ion Ratio Lower Upper

75 100

77 28.5 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 4.985 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030735.D

Acq: 05 Apr 2019 12:00

Instrument :

MSVOA_U

ClientSampleId :

DB7D4

Tot Ion: 75 Resp: 24658

Ion Ratio Lower Upper

75 100

77 39.0 26.1 39.1

