

Data File : VU030811.D
Acq On : 06 Apr 2019 19:22
Operator : JC/SP
Sample : K2299-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6X6

Quant Time: Apr 08 05:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217529	52.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.14%
7) Chloroethane-d5	1.68	69	173209	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.26%
11) 1,1-Dichloroethene-d2	2.27	63	297792	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
21) 2-Butanone-d5	4.17	46	335606	101.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.37%
24) Chloroform-d	4.64	84	307782	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
26) 1,2-Dichloroethane-d4	5.31	65	227718	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.60%
32) Benzene-d6	5.33	84	671588	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.32	67	232819	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.56	98	571857	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.85	79	97722	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
47) 2-Hexanone-d5	8.31	63	205153	97.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302589	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	192399	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

						Qvalue
8) Chloroethane	1.40	64	33453	11.396	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2576	0.769	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2467	0.763	ug/L #	1
13) Acetone	2.32	43	5481	1.618	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	23918	6.307	ug/L	83
25) Chloroform	4.67	83	22793	3.200	ug/L	98
33) Benzene	5.38	78	9841	0.650	ug/L	100
34) Trichloroethene	6.18	95	7487	2.017	ug/L	90
39) cis-1,3-Dichloropropene	7.22	75	5458	0.895	ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	4225	0.786	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	24946	4.860	ug/L	92

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

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Sample : K2299-02

Misc : 5.0mL/MSV0A_U/WATER

```
ALS Vial      : 20      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
DB6X6

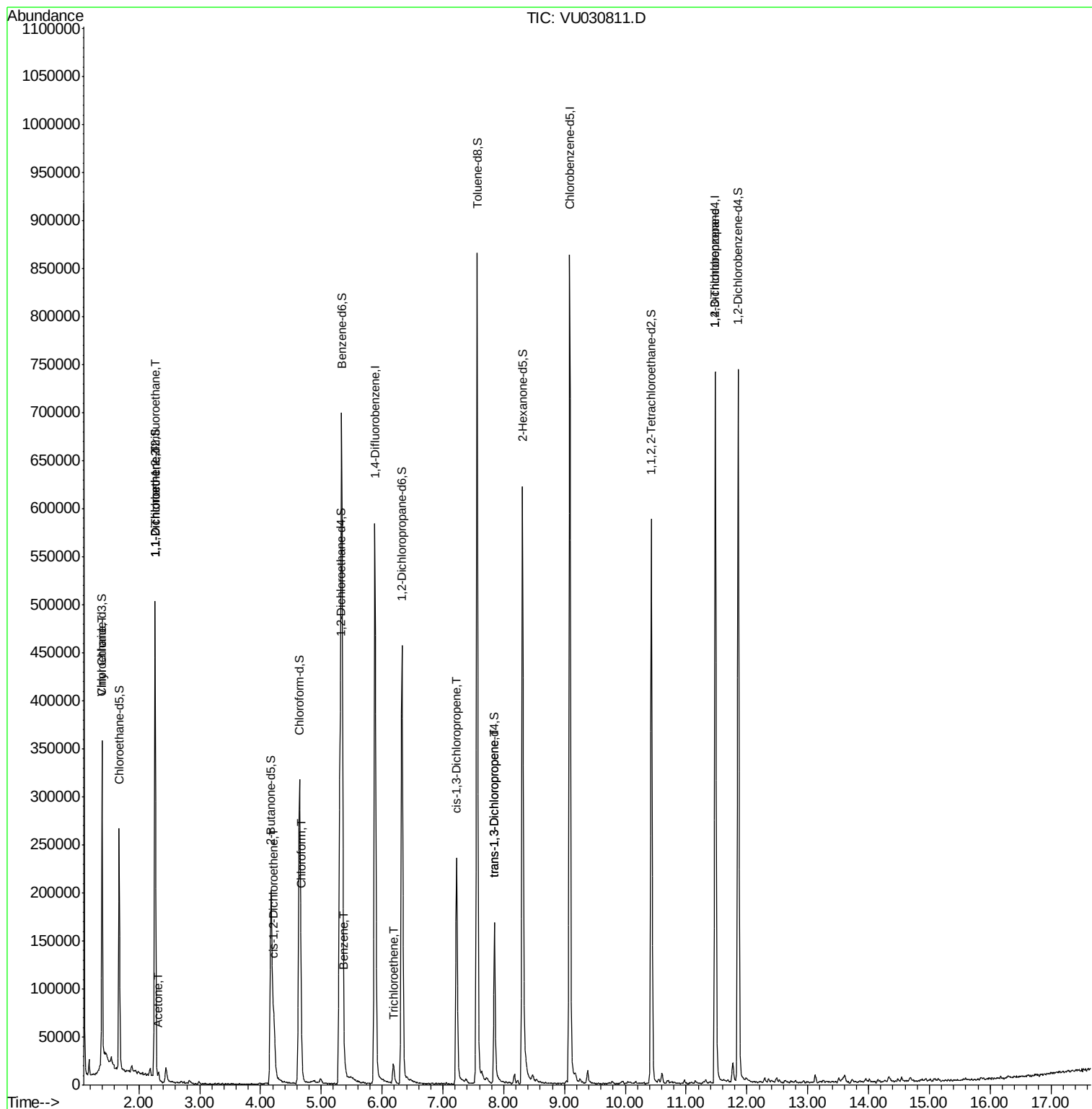
Quant Time: Apr 08 05:07:16 2019

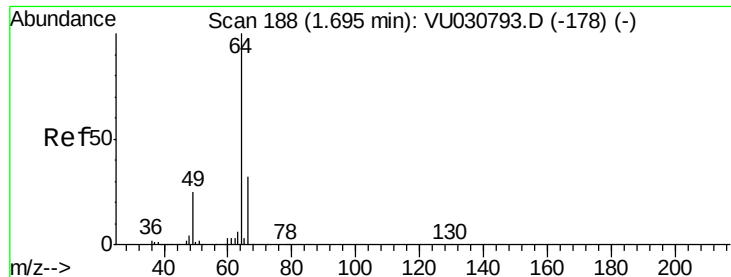
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Apr 08 05:01:06 2019

Response via : Initial Calibration





#8

Chloroethane

Concen: 11.396 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.30 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

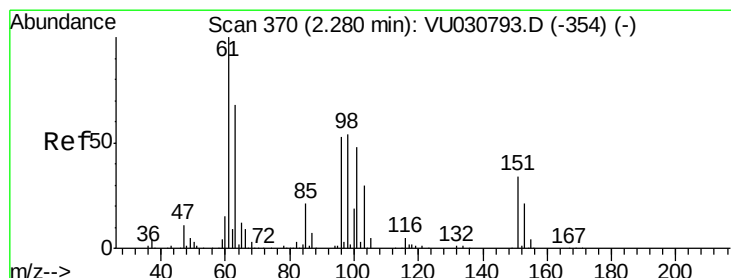
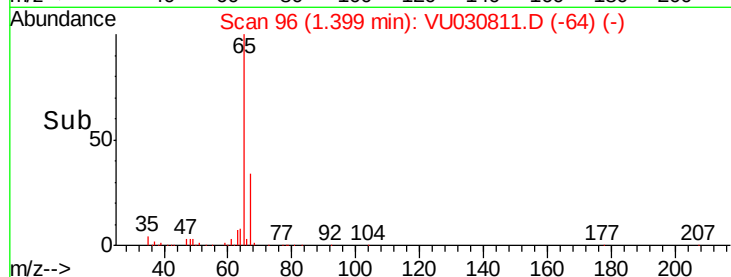
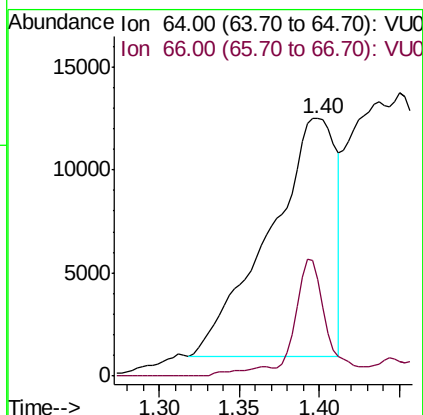
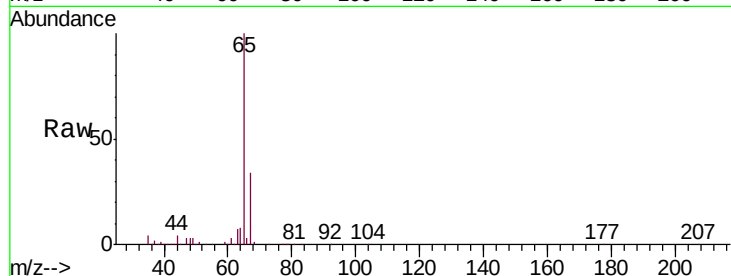
DB6X6

Tgt Ion: 64 Resp: 33453

Ion Ratio Lower Upper

64 100

66 37.4 22.4 41.6



#10

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

Concen: 0.769 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

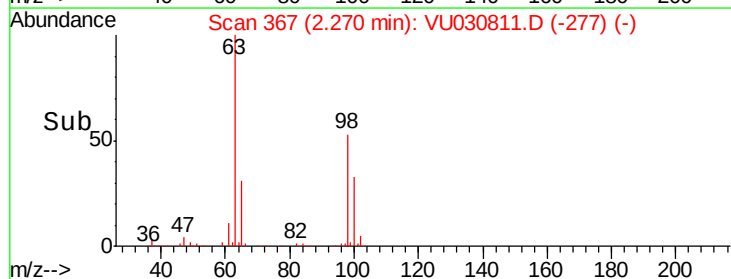
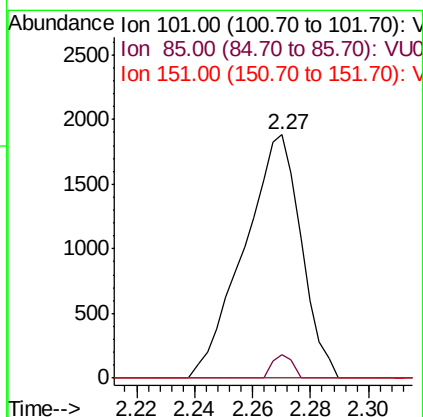
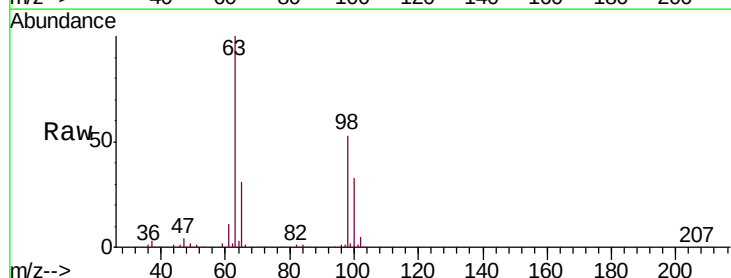
Tgt Ion: 101 Resp: 2576

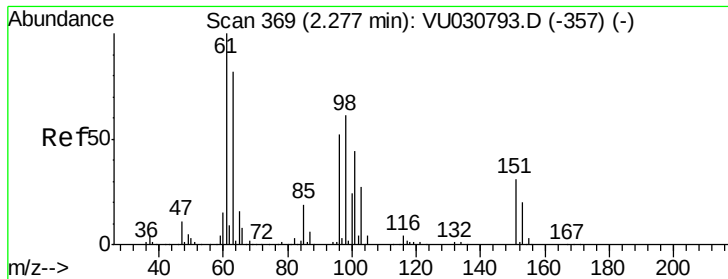
Ion Ratio Lower Upper

101 100

85 3.4 36.8 55.2#

151 0.0 57.4 86.0#





#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

DB6X6

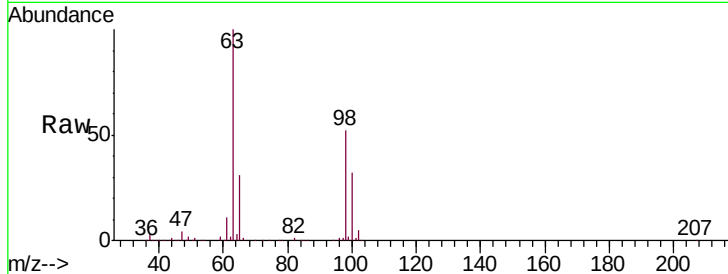
Tgt Ion: 96 Resp: 2467

Ion Ratio Lower Upper

96 100

61 1763.2 132.0 245.2#

63 15513.0 90.9 168.9#

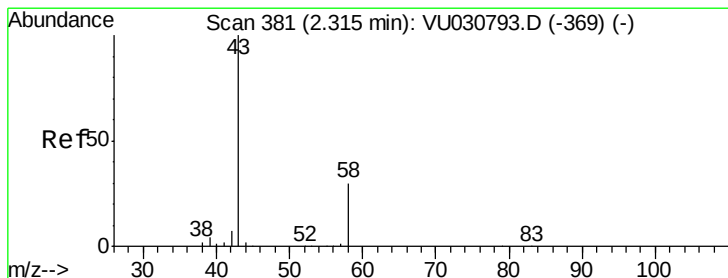
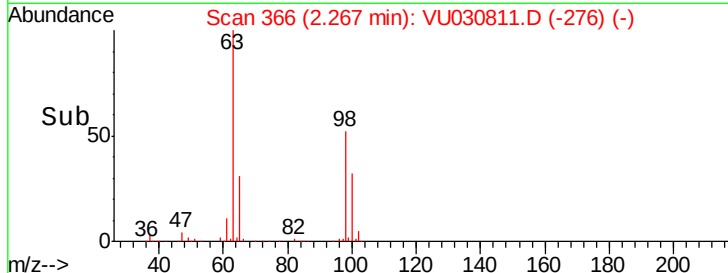
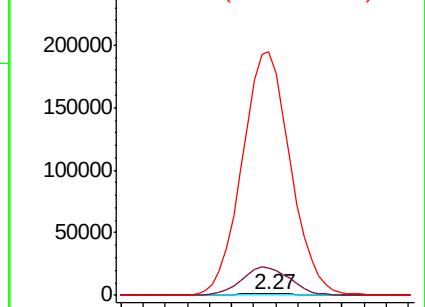


Abundance

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: 1.618 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030811.D

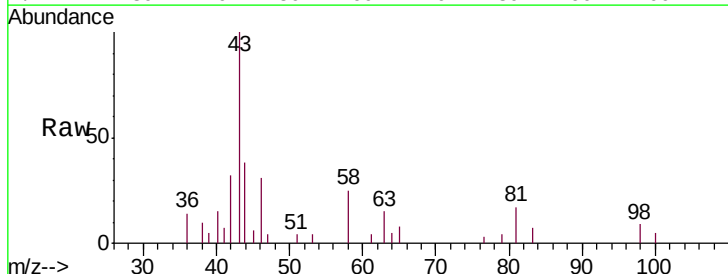
Acq: 06 Apr 2019 19:22

Tgt Ion: 43 Resp: 5481

Ion Ratio Lower Upper

43 100

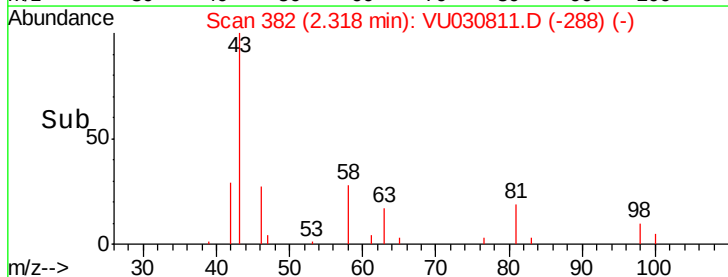
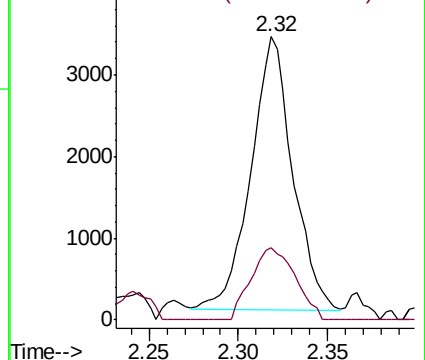
58 27.8 0.0 64.0

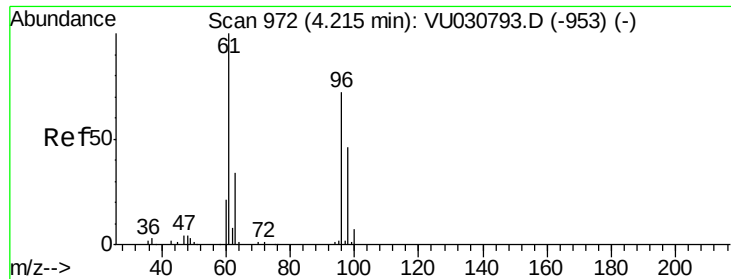


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

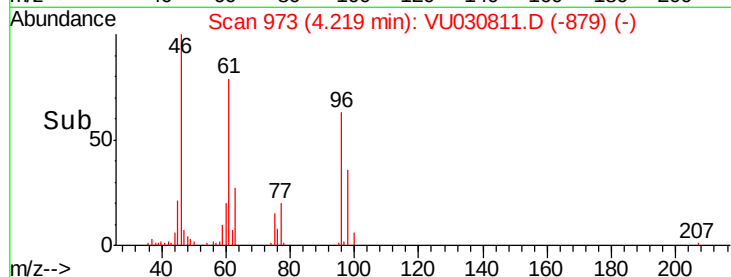
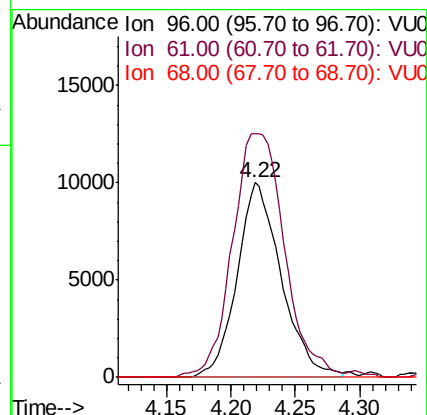
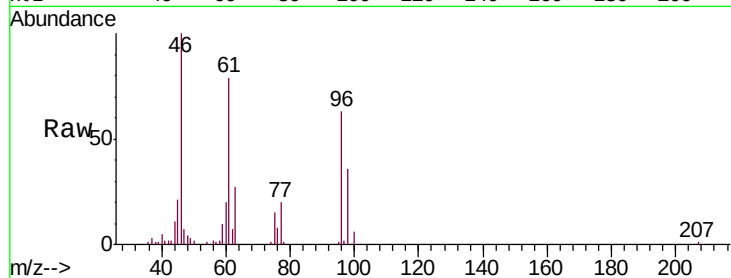




#20
 cis-1,2-Dichloroethene
 Concen: 6.307 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030811.D
 Acq: 06 Apr 2019 19:22

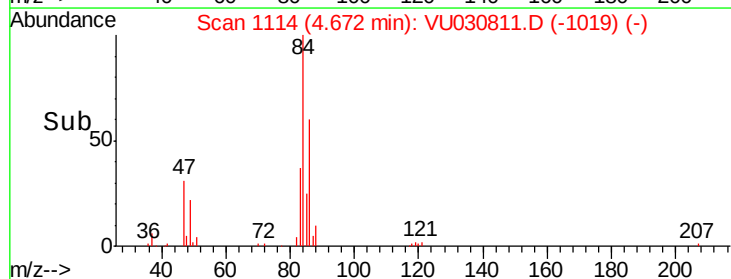
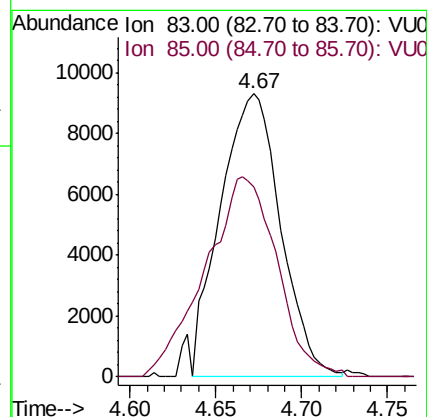
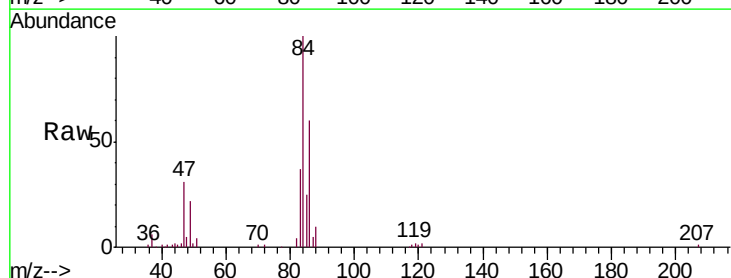
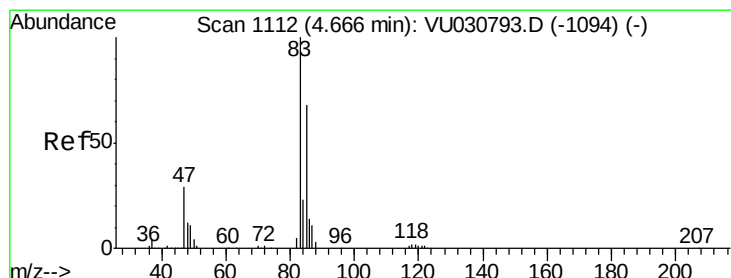
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6X6

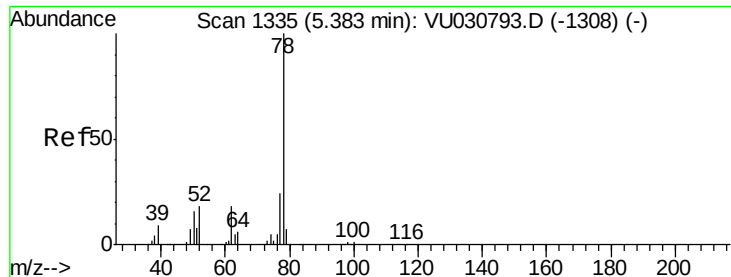
Tgt Ion: 96 Resp: 23918
 Ion Ratio Lower Upper
 96 100
 61 125.1 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 3.200 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VU030811.D
 Acq: 06 Apr 2019 19:22

Tgt Ion: 83 Resp: 22793
 Ion Ratio Lower Upper
 83 100
 85 67.0 45.8 85.0





#33

Benzene

Concen: 0.650 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

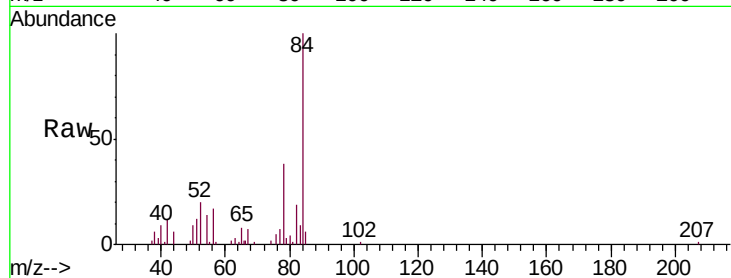
Instrument :

MSVOA_U

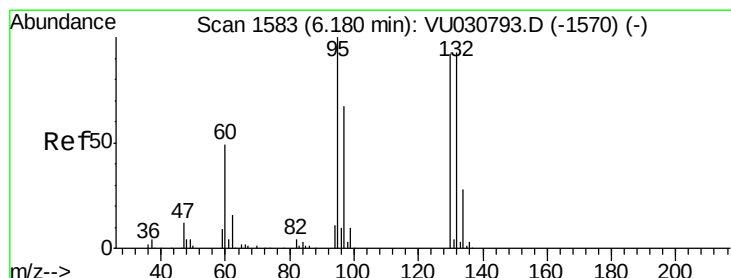
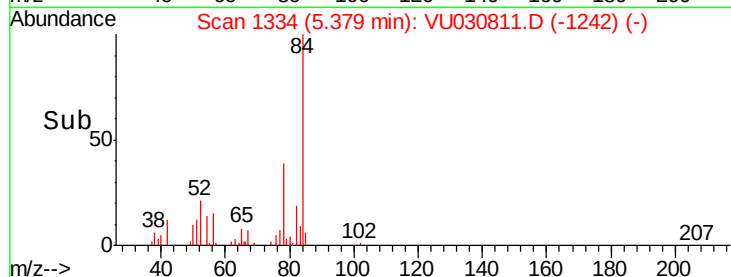
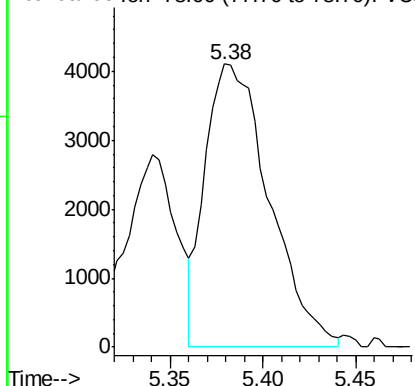
ClientSampleId :

DB6X6

Tgt Ion: 78 Resp: 9841



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 2.017 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

Tgt Ion: 95 Resp: 7487

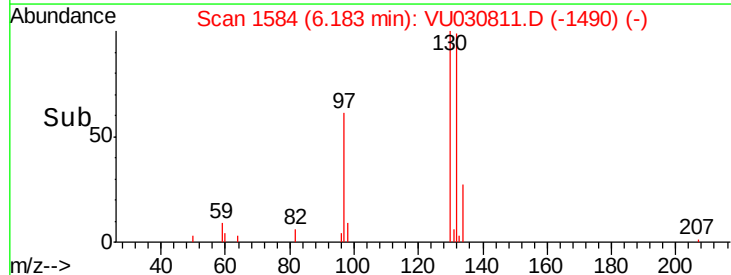
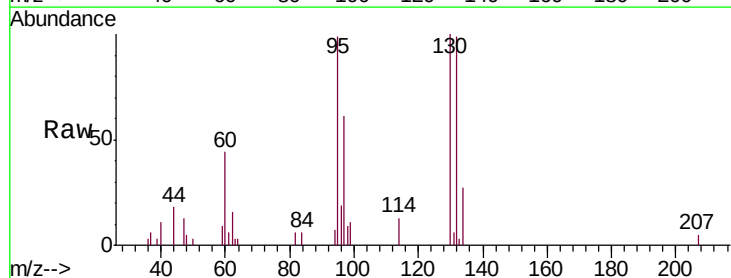
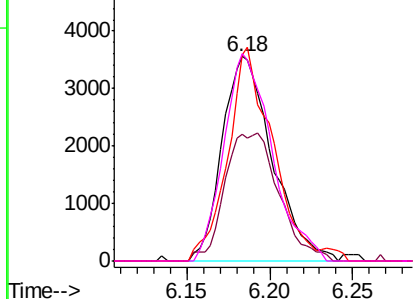
Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.5	82.7
132	104.2	61.5	114.1
130	101.4	64.9	120.5

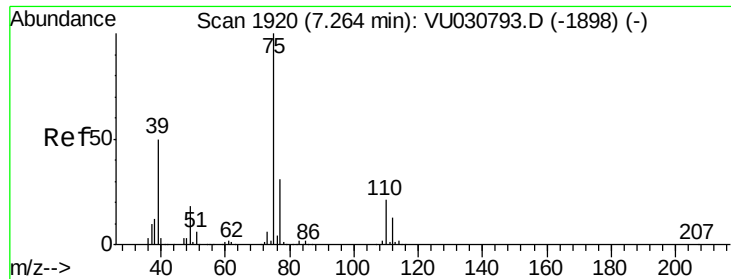
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



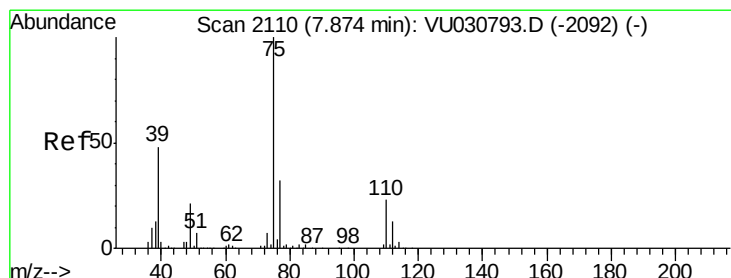
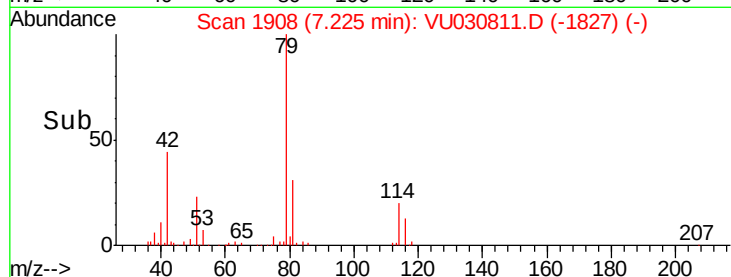
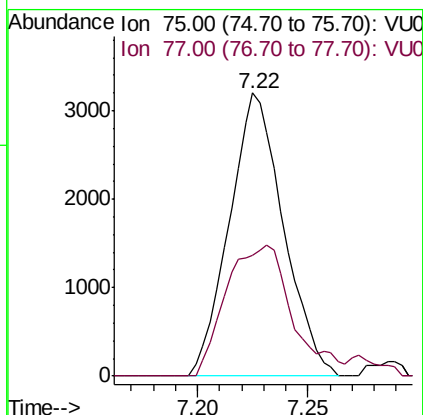
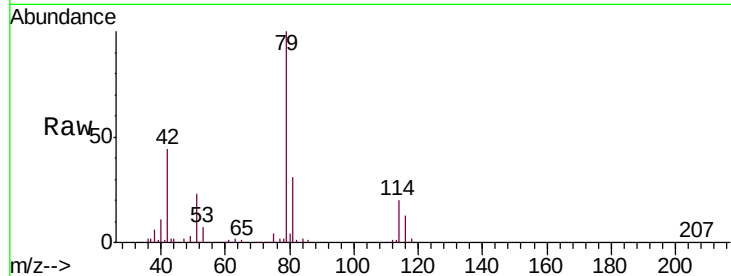


#39

cis-1,3-Dichloropropene
Concen: 0.895 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030811.D
Acq: 06 Apr 2019 19:22

Instrument :
MSVOA_U
ClientSampleId :
DB6X6

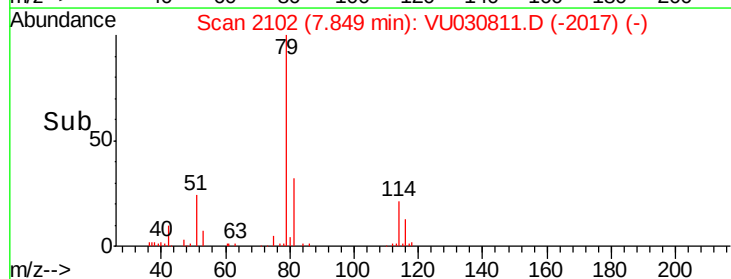
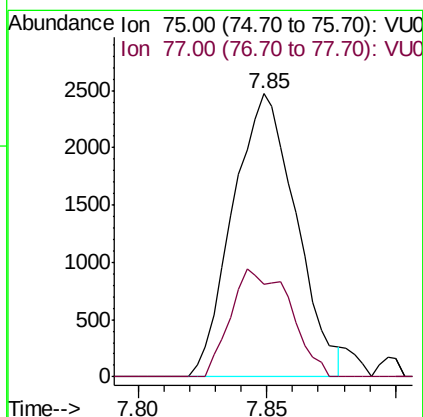
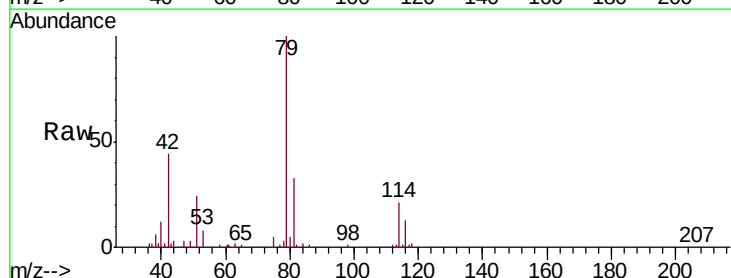
Tgt Ion: 75 Resp: 5458
Ion Ratio Lower Upper
75 100
77 42.5 23.1 42.9

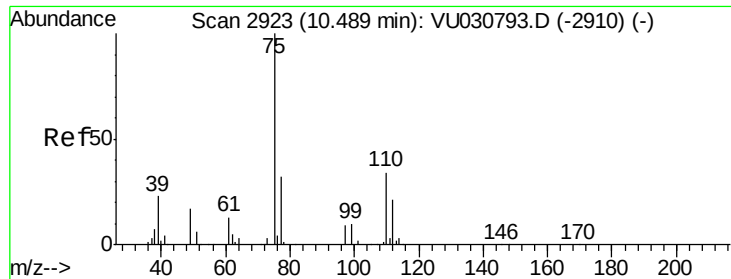


#44

trans-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030811.D
Acq: 06 Apr 2019 19:22

Tgt Ion: 75 Resp: 4225
Ion Ratio Lower Upper
75 100
77 32.7 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 4.860 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030811.D

Acq: 06 Apr 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

DB6X6

Tgt Ion: 75 Resp: 24946

Ion Ratio Lower Upper

75 100

77 37.2 26.1 39.1

