

Data File : VU032007.D
Acq On : 14 May 2019 20:11
Operator : JC/SP
Sample : K2738-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB893

Quant Time: May 15 04:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1101264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	1076729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	425254	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	407504	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	349901	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.27	63	571416	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.98%
21) 2-Butanone-d5	4.17	46	640639	94.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.67%
24) Chloroform-d	4.64	84	712308	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.30	65	470700	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.33	84	1514045	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.32	67	504821	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.56	98	1305540	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.85	79	199080	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	431779	103.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685819	45.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	448515	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

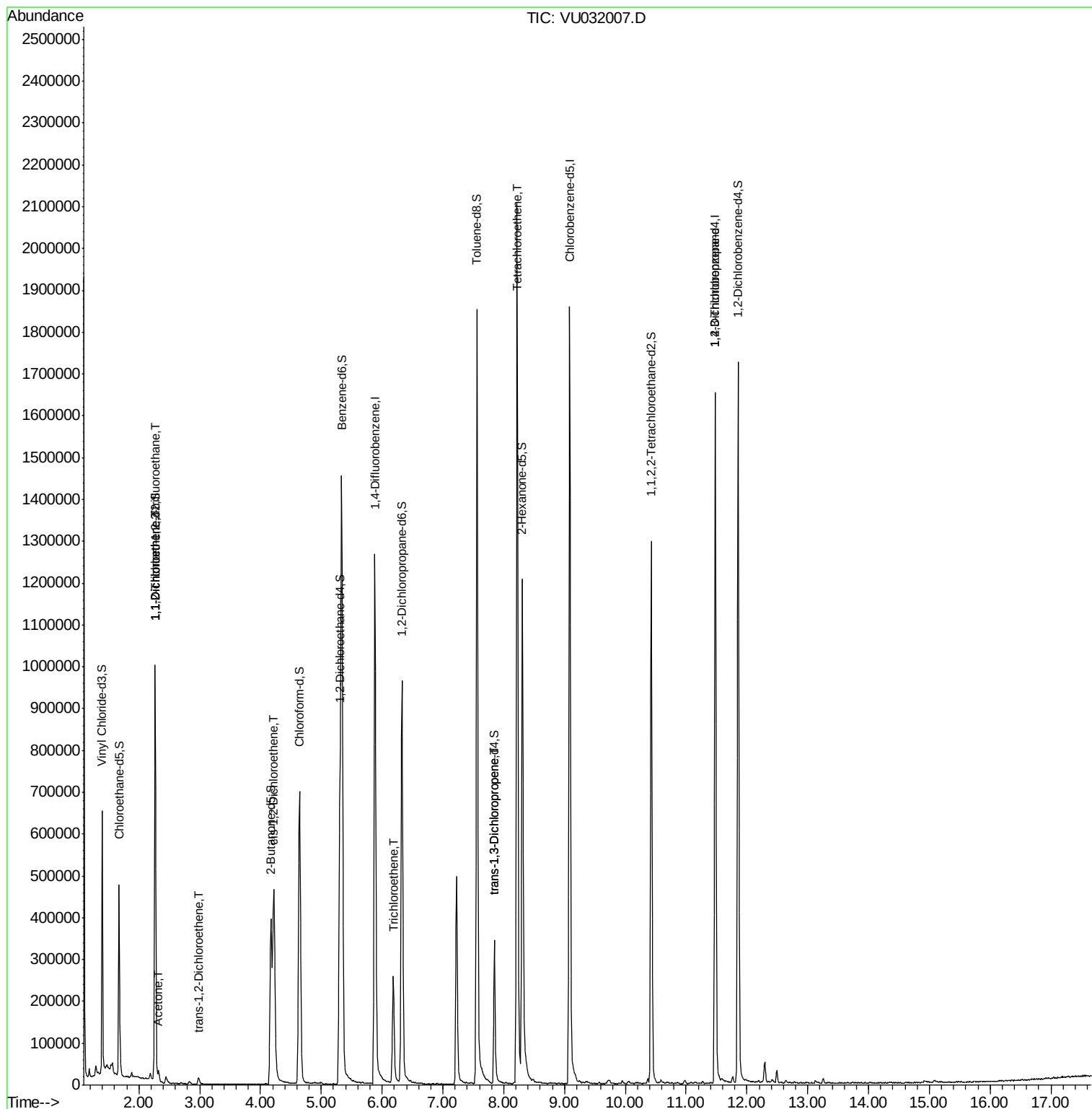
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5467	0.667	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	4971	0.611	ug/L #	1
13) Acetone	2.32	43	21946	3.155	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	6811	0.805	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	246523	26.341	ug/L	96
34) Trichloroethene	6.18	95	96206	11.015	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	8458	0.716	ug/L	94
46) Tetrachloroethene	8.22	164	479895	77.820	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	54776	4.433	ug/L	92

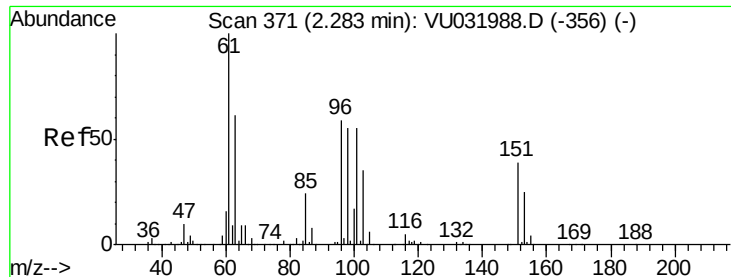
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.667 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

DB893

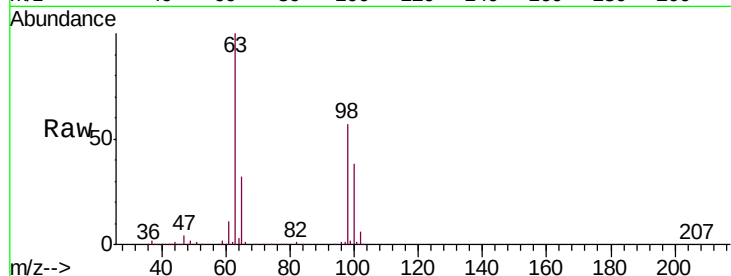
Tgt Ion:101 Resp: 5467

Ion Ratio Lower Upper

101 100

85 0.8 34.1 51.1#

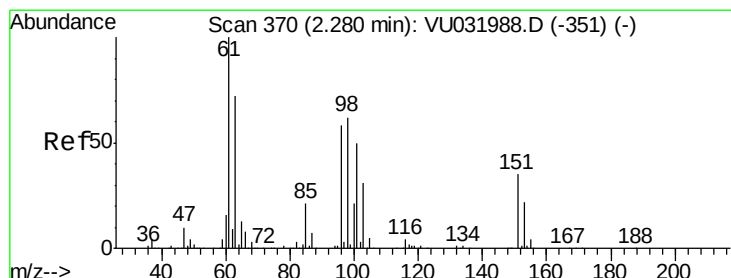
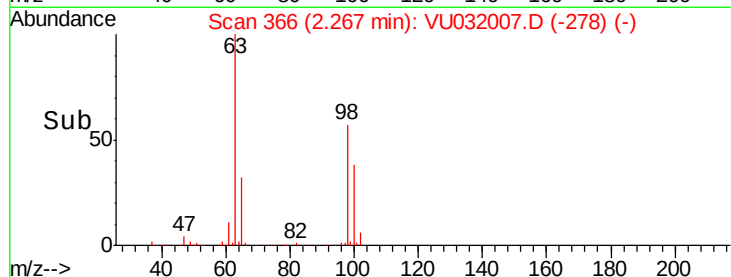
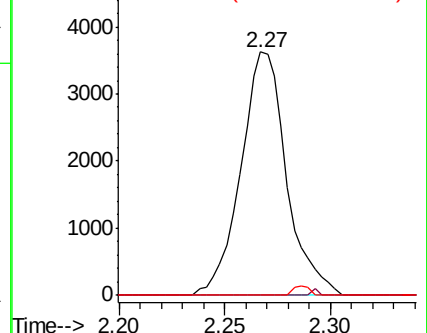
151 1.4 55.8 83.8#



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: 0.611 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

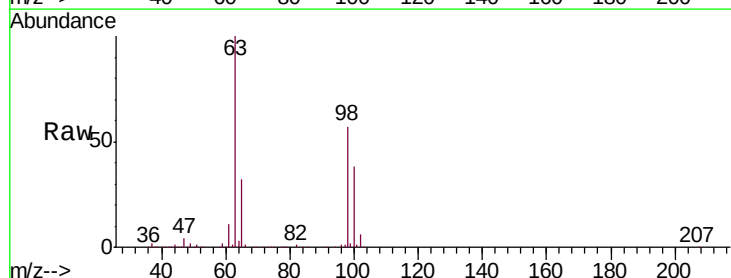
Tgt Ion: 96 Resp: 4971

Ion Ratio Lower Upper

96 100

61 1275.8 120.9 224.5#

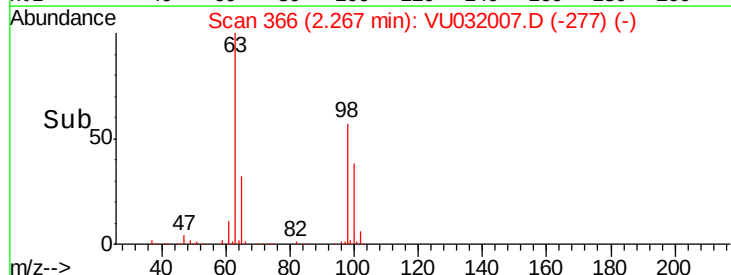
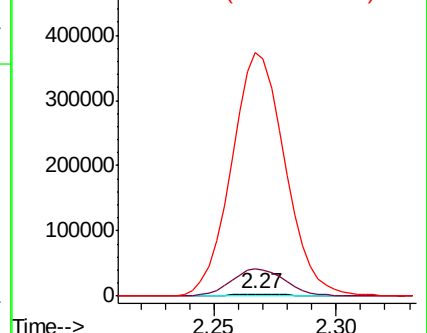
63 11371.5 84.4 156.8#

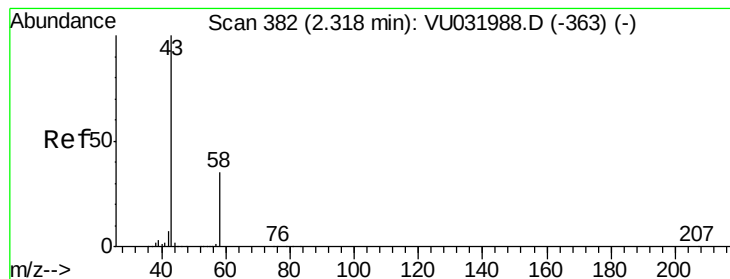


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.155 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

Instrument :

MSVOA_U

ClientSampled :

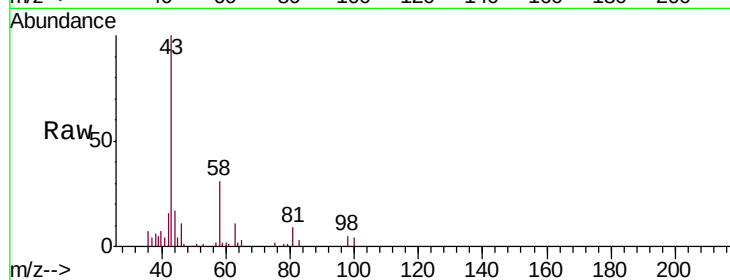
DB893

Tgt Ion: 43 Resp: 21946

Ion Ratio Lower Upper

43 100

58 33.4 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU031988.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031988.D (-363) (-)

2.32

15000

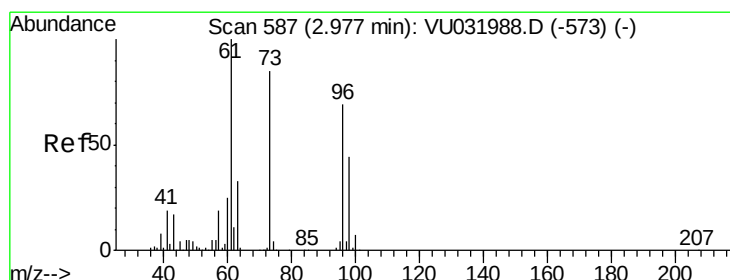
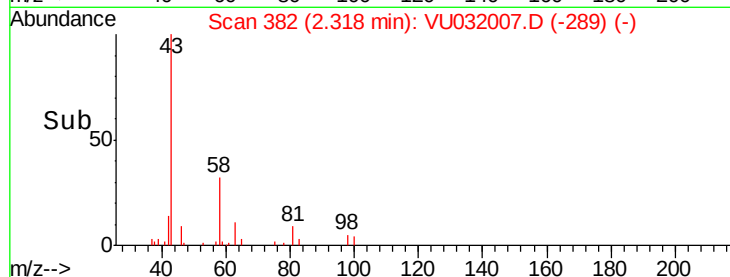
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#17

trans-1,2-Dichloroethene

Concen: 0.805 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

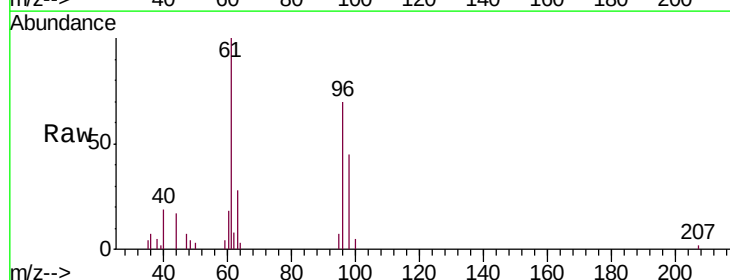
Tgt Ion: 96 Resp: 6811

Ion Ratio Lower Upper

96 100

61 142.1 103.2 191.6

98 63.7 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU031988.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU031988.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU031988.D (-573) (-)

2.98

6000

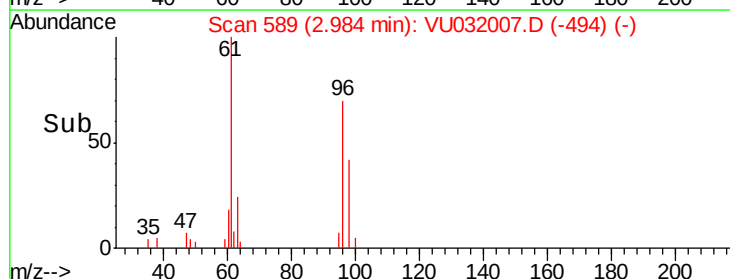
4000

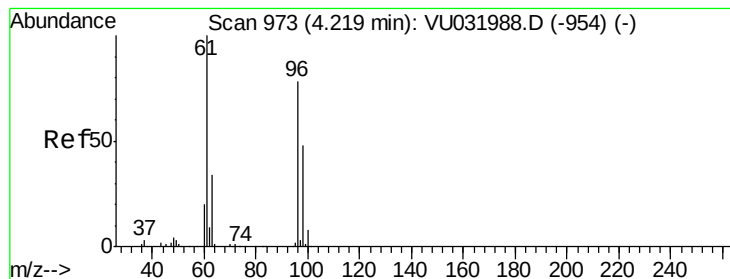
2000

0

Time-->

2.95 3.00



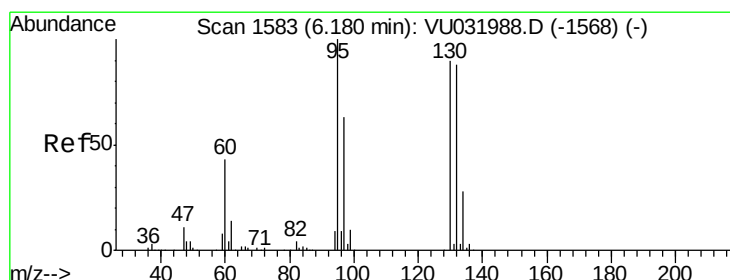
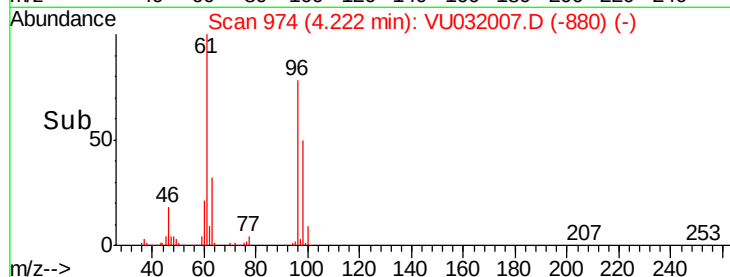
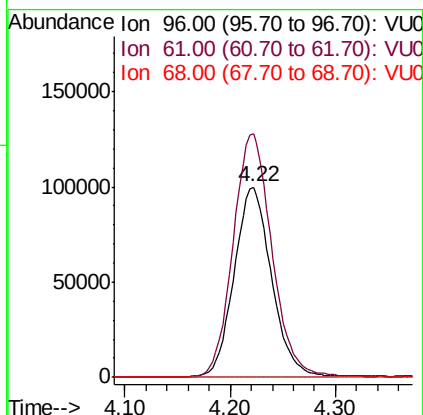
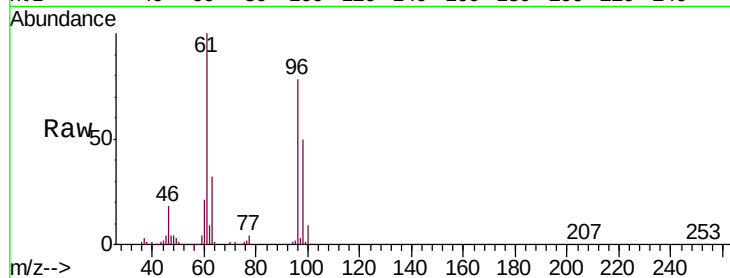


#20

cis-1,2-Dichloroethene
 Concen: 26.341 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DB893

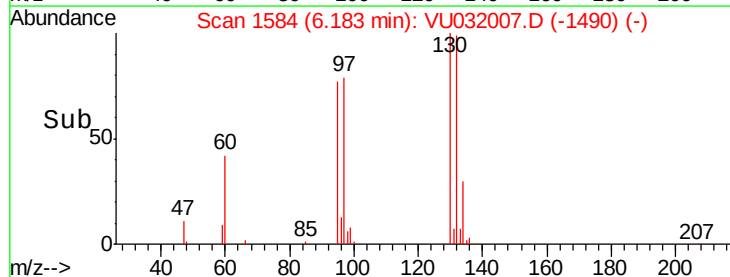
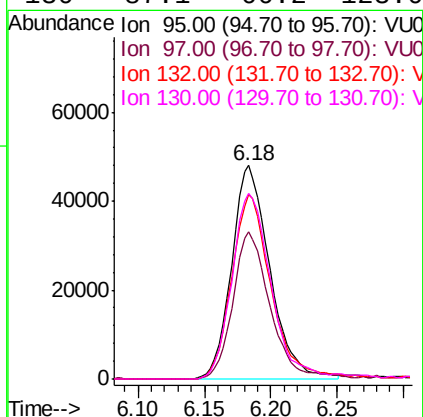
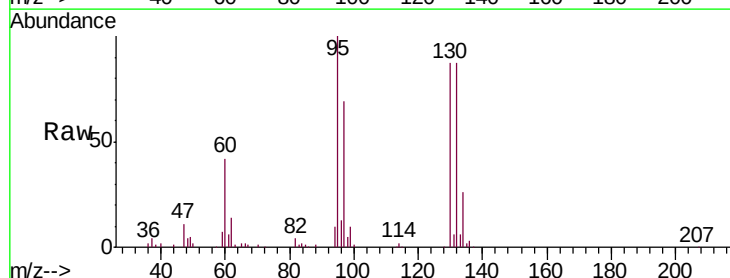
Tgt Ion: 96 Resp: 246523
 Ion Ratio Lower Upper
 96 100
 61 128.1 93.0 172.8
 68 0.0 0.0 0.0

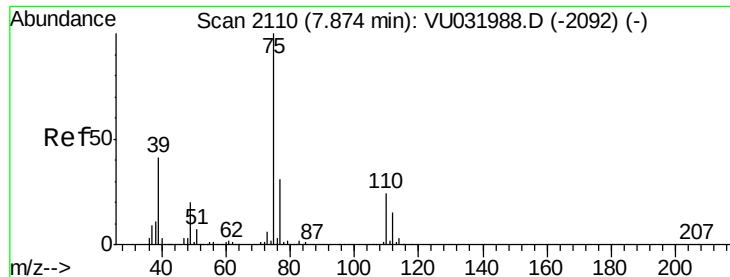


#34

Trichloroethene
 Concen: 11.015 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

Tgt Ion: 95 Resp: 96206
 Ion Ratio Lower Upper
 95 100
 97 68.8 44.9 83.3
 132 86.5 63.5 117.9
 130 87.1 66.2 123.0

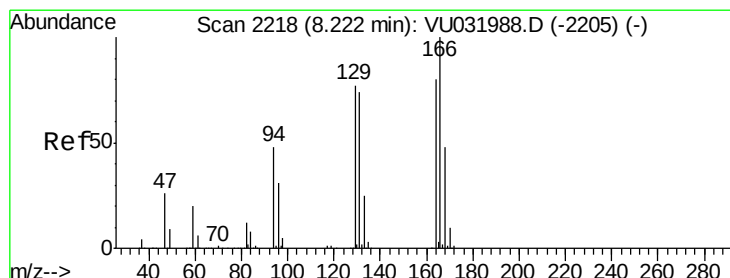
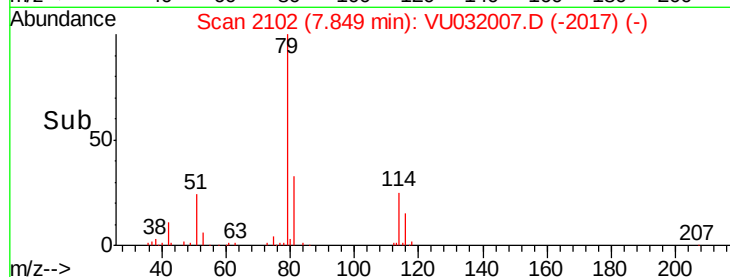
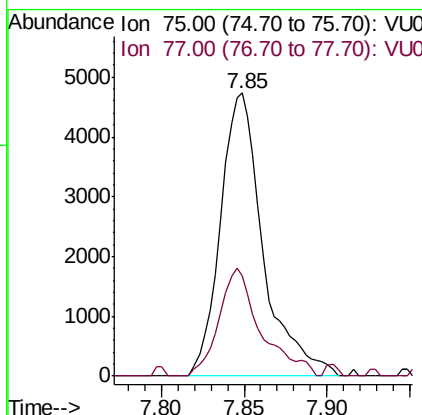
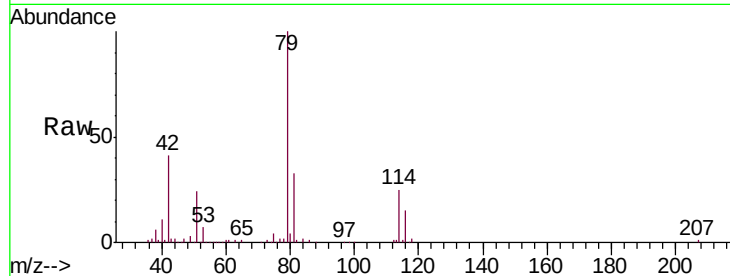




#44
 trans-1,3-Dichloropropene
 Concen: 0.716 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

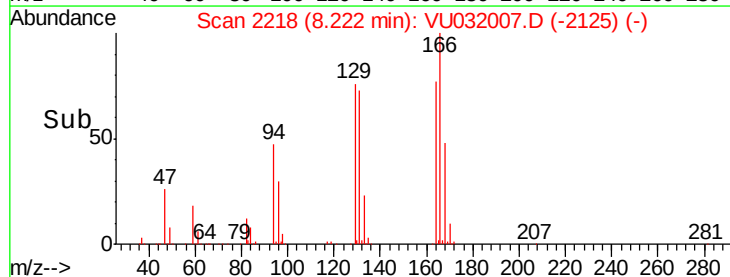
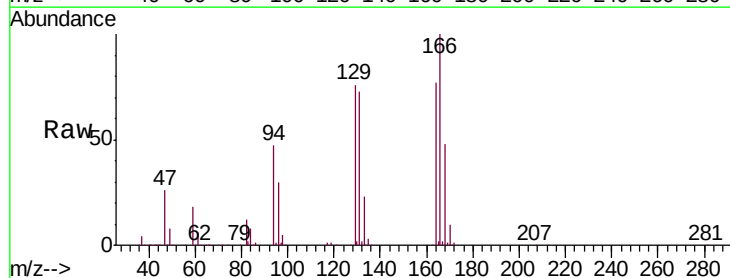
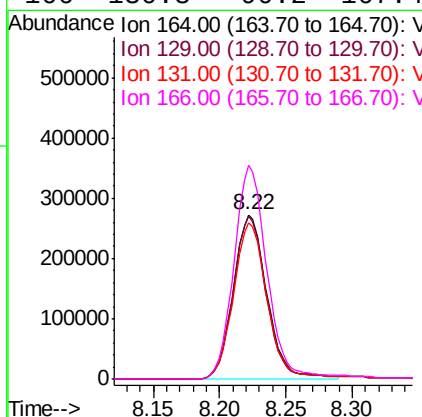
Instrument :
 MSVOA_U
 ClientSampled :
 DB893

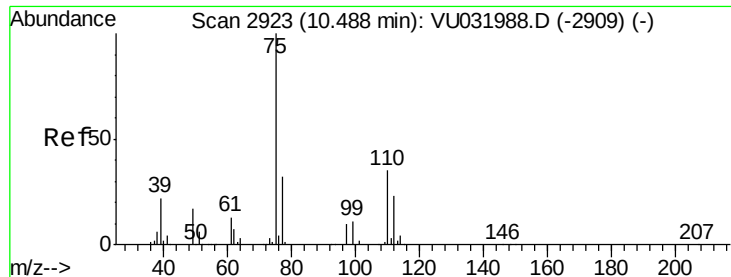
Tgt Ion: 75 Resp: 8458
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.5 41.7



#46
 Tetrachloroethene
 Concen: 77.820 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032007.D
 Acq: 14 May 2019 20:11

Tgt Ion: 164 Resp: 479895
 Ion Ratio Lower Upper
 164 100
 129 99.1 70.9 131.7
 131 95.3 67.4 125.2
 166 130.3 90.2 167.4





#59

1,2,3-Trichloropropane

Concen: 4.433 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032007.D

Acq: 14 May 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

DB893

Tgt Ion: 75 Resp: 54776

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5

