

Data File : VU032008.D
Acq On : 14 May 2019 20:35
Operator : JC/SP
Sample : K2738-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB895

Quant Time: May 15 04:32:23 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	1119601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1080184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	415061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	428598	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.24%
7) Chloroethane-d5	1.68	69	341744	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.92%
11) 1,1-Dichloroethene-d2	2.27	63	669301	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	4.17	46	612067	88.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.97%
24) Chloroform-d	4.64	84	699349	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
26) 1,2-Dichloroethane-d4	5.30	65	457817	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
32) Benzene-d6	5.34	84	1518783	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.32	67	498634	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	1315939	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.85	79	205413	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.26%
47) 2-Hexanone-d5	8.31	63	391733	93.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	682490	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	437705	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

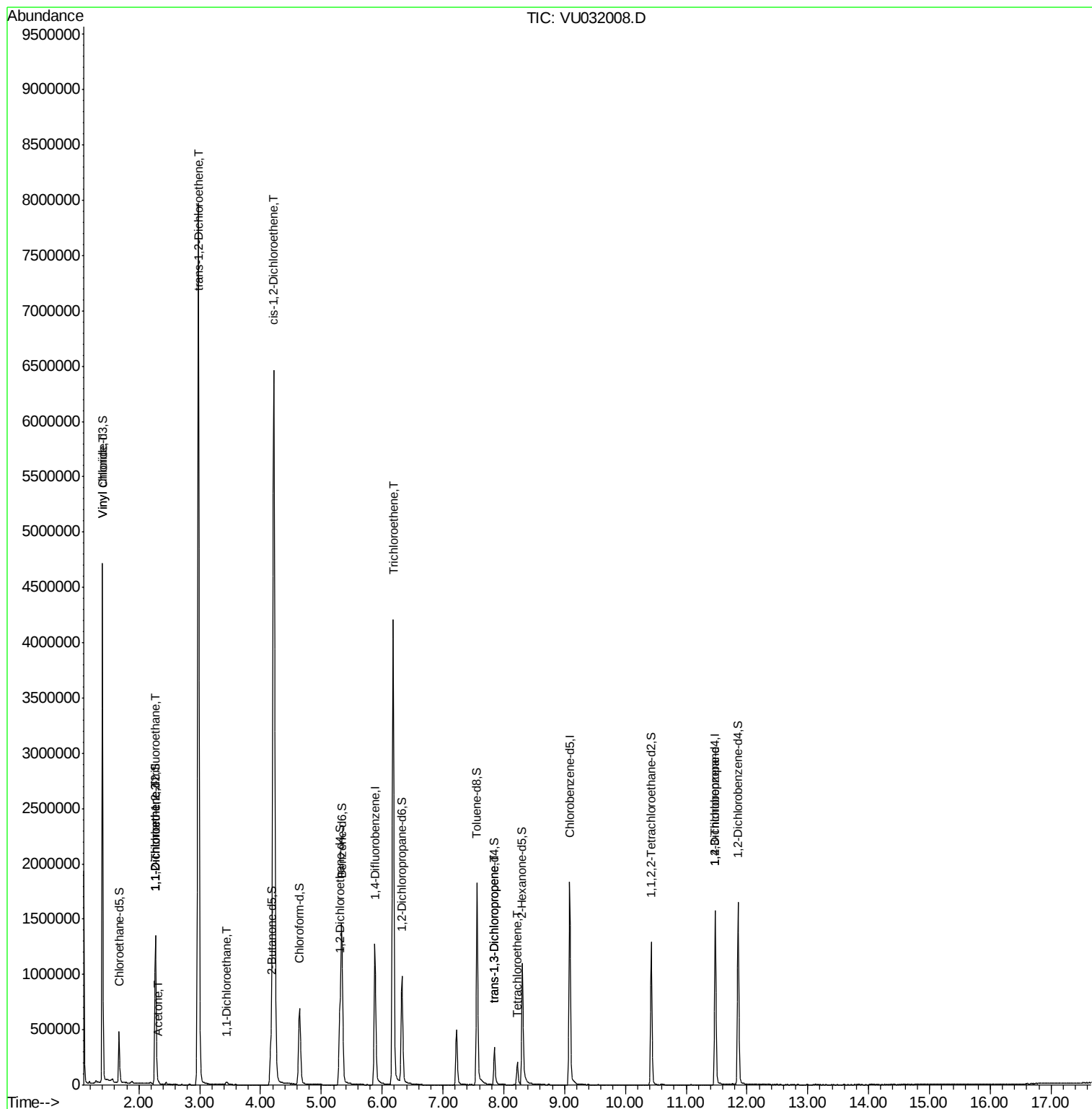
						Qvalue
5) Vinyl chloride	1.40	62	2601511	215.731	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5404	0.649	ug/L #	23
12) 1,1-Dichloroethene	2.28	96	194915	23.573	ug/L #	64
13) Acetone	2.32	43	17113	2.420	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	3127507	363.585	ug/L	99
19) 1,1-Dichloroethane	3.44	63	27411	1.623	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	3661009	384.778	ug/L	100
34) Trichloroethene	6.18	95	1561091	178.156	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	8334	0.703	ug/L #	77
46) Tetrachloroethene	8.22	164	46706	7.550	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	51943	4.190	ug/L	94

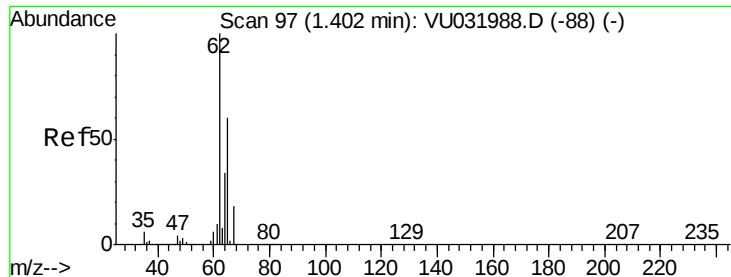
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 215.731 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU032008.D

Acq: 14 May 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

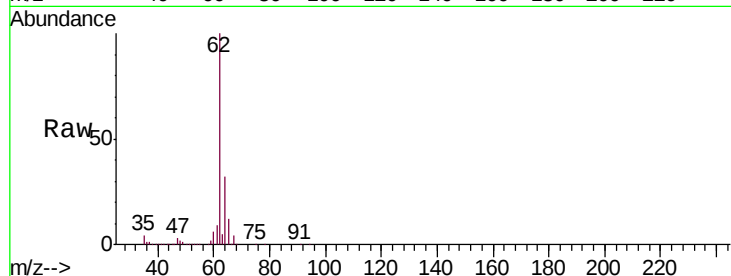
DB895

Tgt Ion: 62 Resp: 2601511

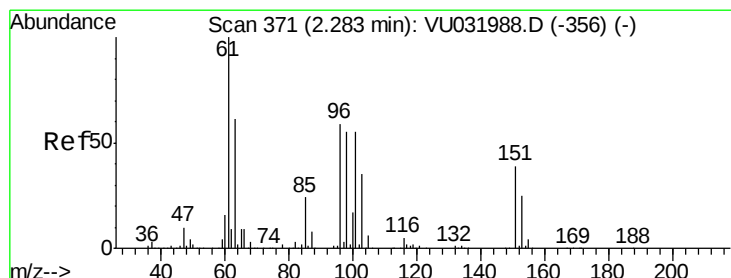
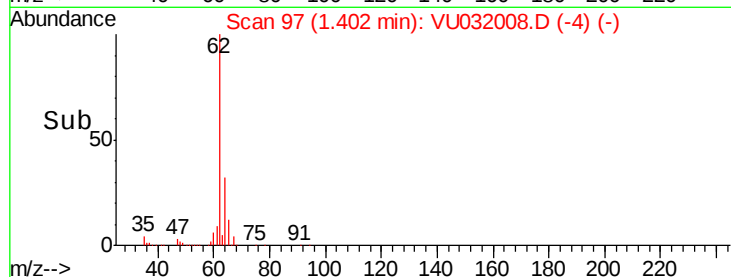
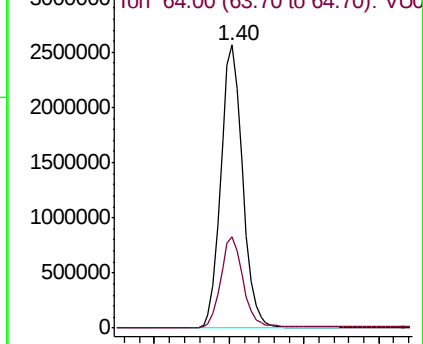
Ion Ratio Lower Upper

62 100

64 32.3 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VU032008.D (-4) (-)



#10

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

Concen: 0.649 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032008.D

Acq: 14 May 2019 20:35

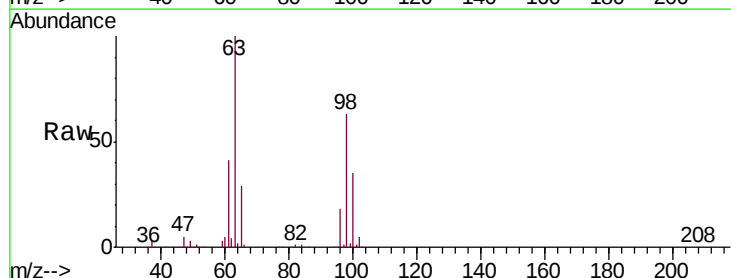
Tgt Ion: 101 Resp: 5404

Ion Ratio Lower Upper

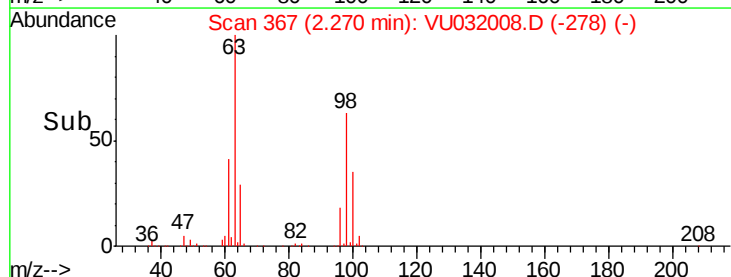
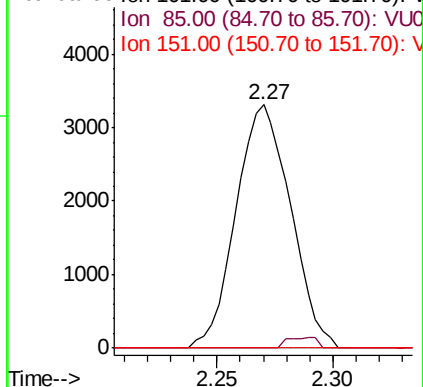
101 100

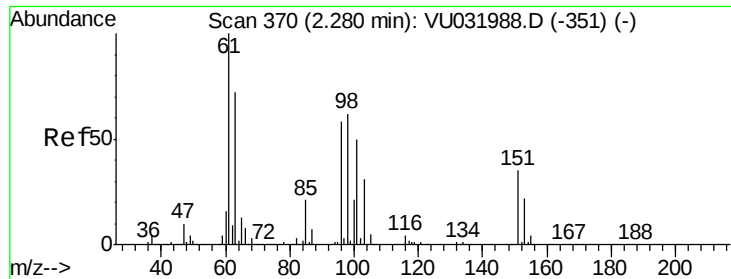
85 1.5 34.1 51.1#

151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VU032008.D (-278) (-)

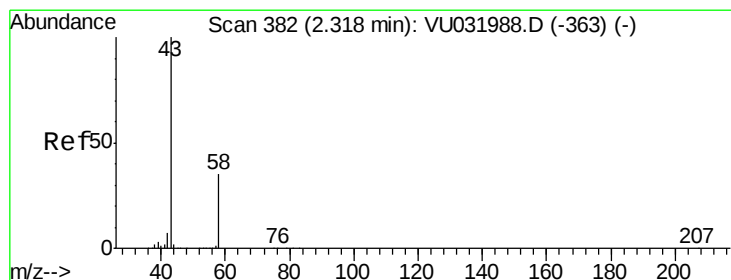
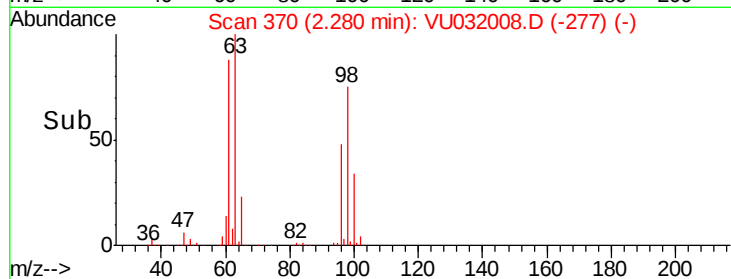
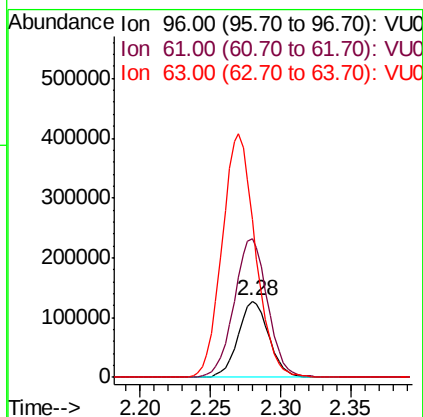
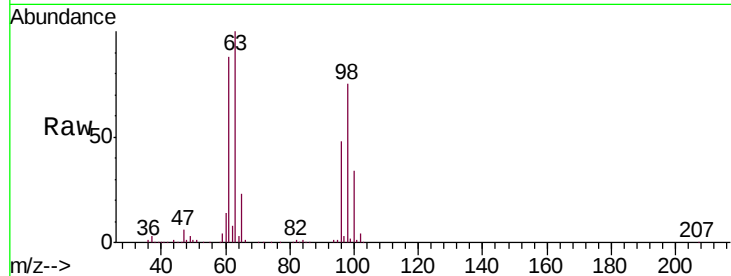




#12
 1,1-Dichloroethene
 Concen: 23.573 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032008.D
 Acq: 14 May 2019 20:35

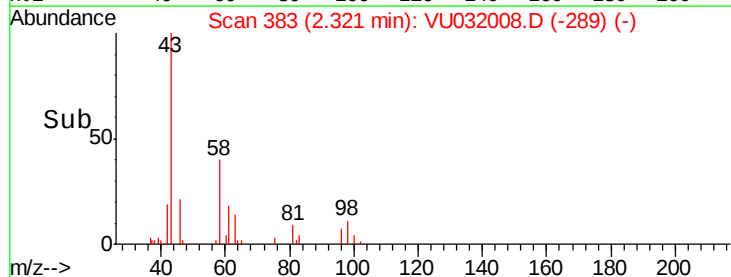
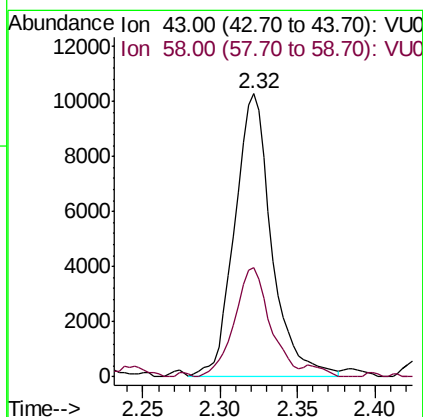
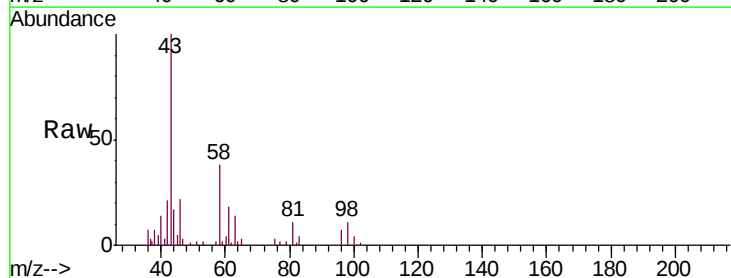
Instrument :
 MSVOA_U
 ClientSampleID :
 DB895

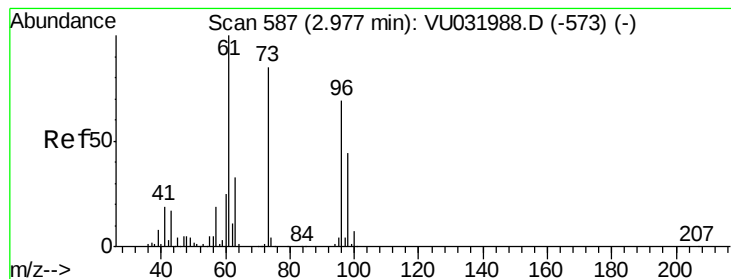
Tgt Ion: 96 Resp: 194915
 Ion Ratio Lower Upper
 96 100
 61 182.2 120.9 224.5
 63 206.9 84.4 156.8#



#13
 Acetone
 Concen: 2.420 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU032008.D
 Acq: 14 May 2019 20:35

Tgt Ion: 43 Resp: 17113
 Ion Ratio Lower Upper
 43 100
 58 37.0 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 363.585 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU032008.D

Acq: 14 May 2019 20:35

Instrument :

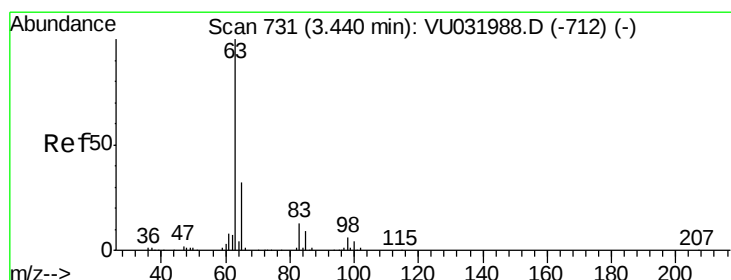
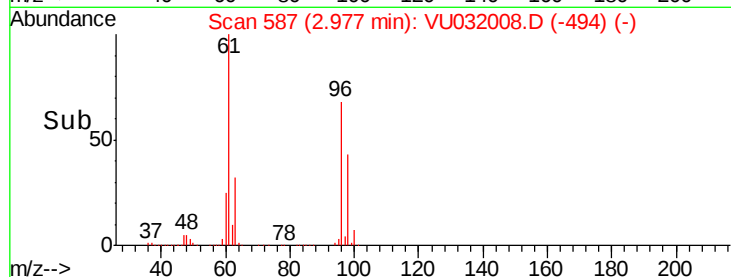
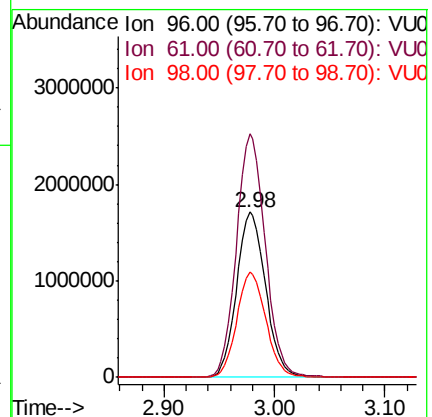
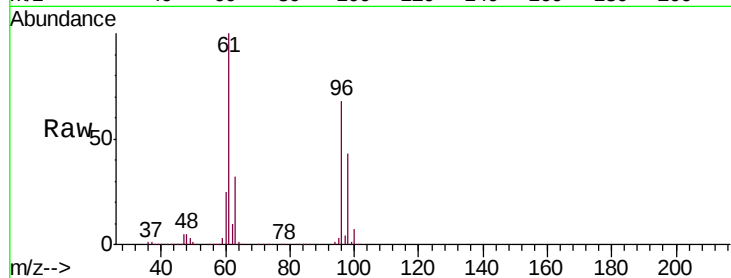
MSVOA_U

ClientSampled :

DB895

Tgt Ion: 96 Resp: 3127507

Ion	Ratio	Lower	Upper
96	100		
61	147.2	103.2	191.6
98	63.6	45.7	84.9



#19

1,1-Dichloroethane

Concen: 1.623 ug/L

RT: 3.44 min Scan# 732

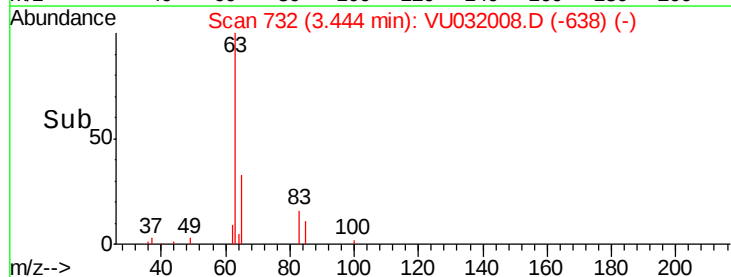
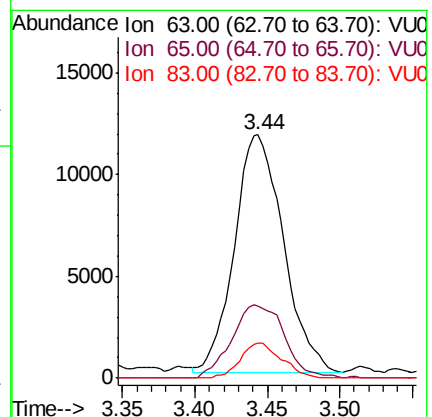
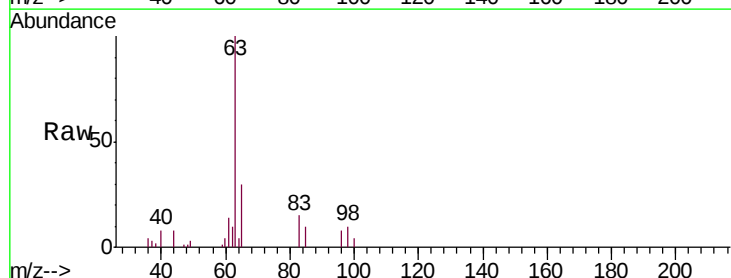
Delta R.T. 0.00 min

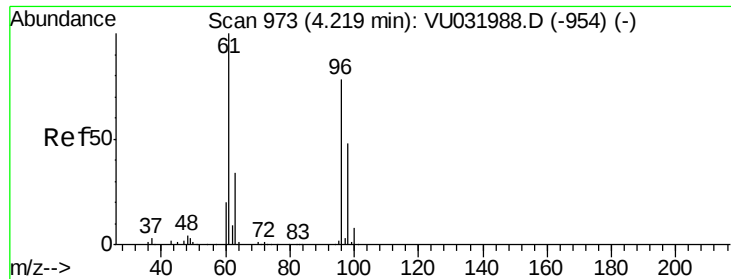
Lab File: VU032008.D

Acq: 14 May 2019 20:35

Tgt Ion: 63 Resp: 27411

Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.2	41.2
83	14.6	9.2	17.2



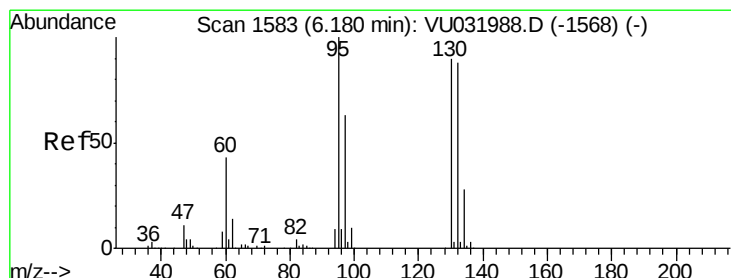
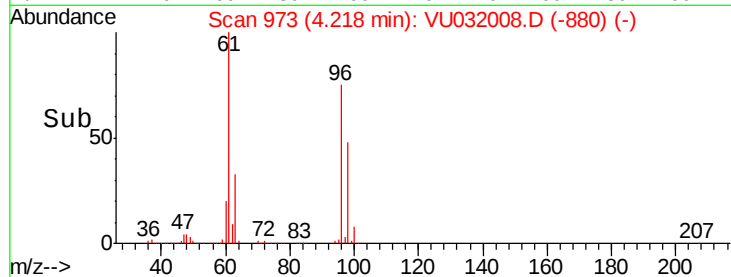
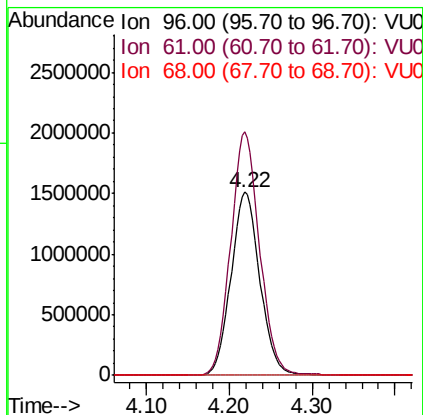
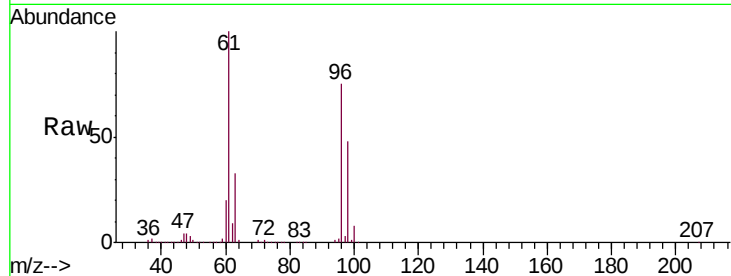


#20

cis-1,2-Dichloroethene
Concen: 384.778 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU032008.D
Acq: 14 May 2019 20:35

Instrument :
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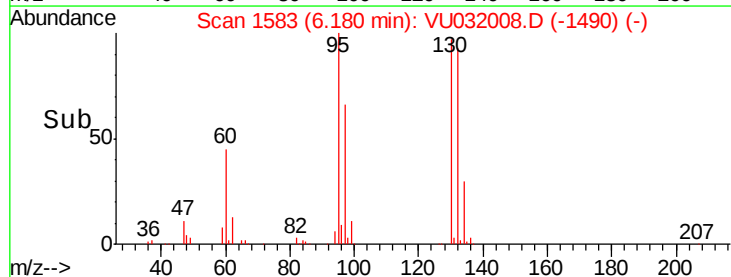
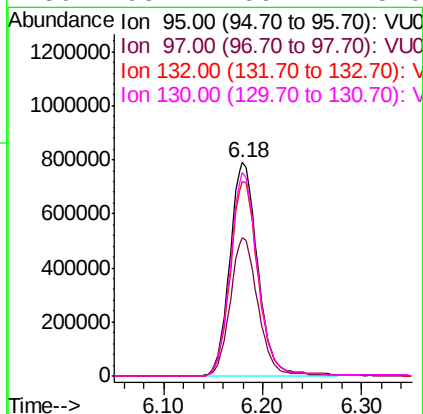
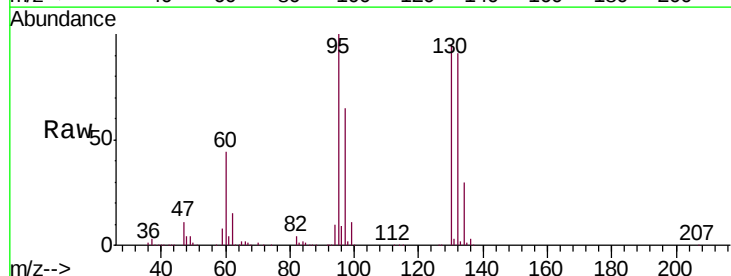
Tgt Ion: 96 Resp: 3661009
Ion Ratio Lower Upper
96 100
61 132.8 93.0 172.8
68 0.0 0.0 0.0

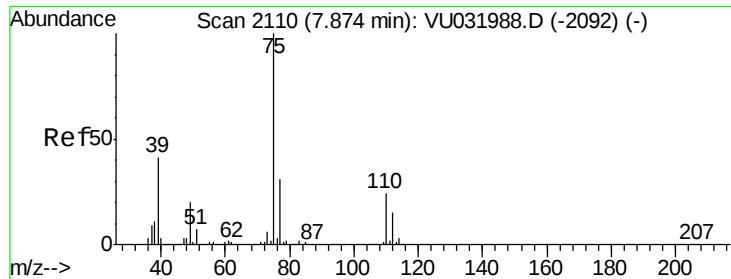


#34

Trichloroethene
Concen: 178.156 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032008.D
Acq: 14 May 2019 20:35

Tgt Ion: 95 Resp: 1561091
Ion Ratio Lower Upper
95 100
97 64.6 44.9 83.3
132 91.3 63.5 117.9
130 95.1 66.2 123.0

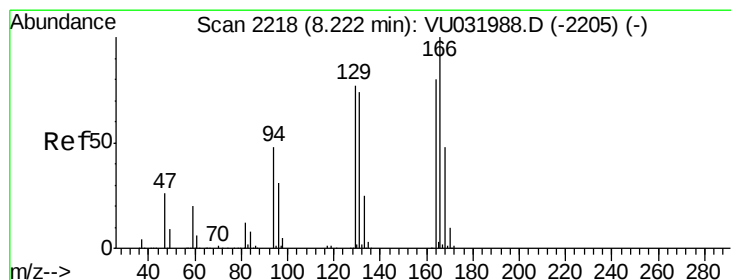
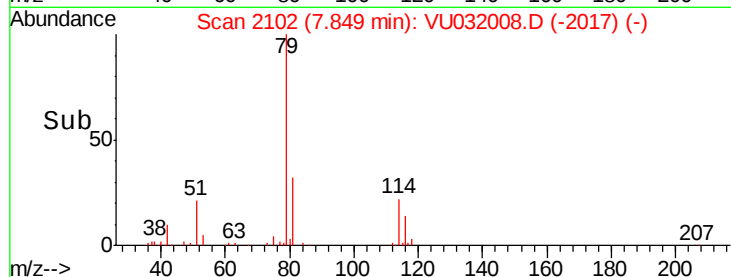
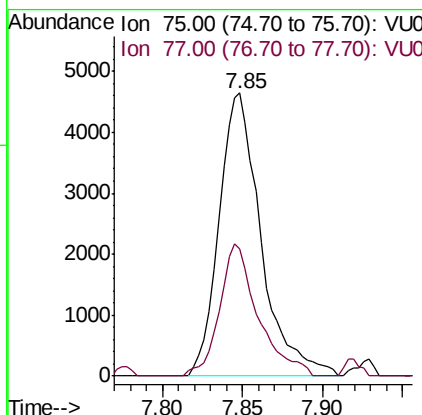
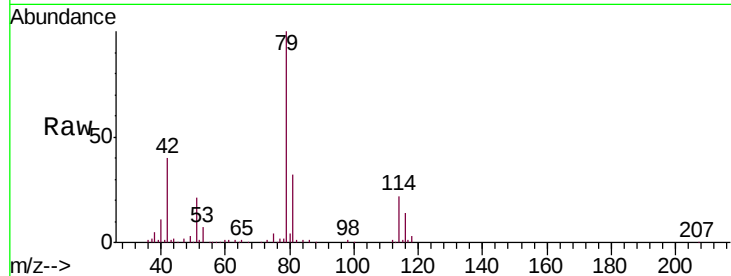




#44
trans-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032008.D
Acq: 14 May 2019 20:35

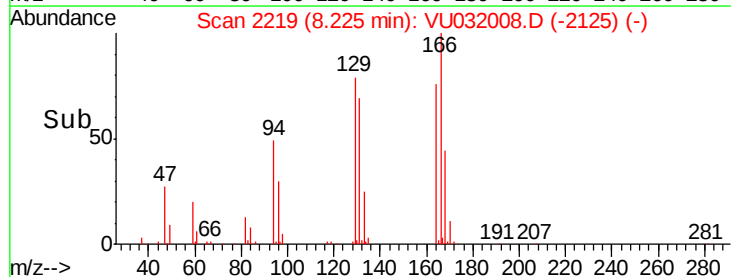
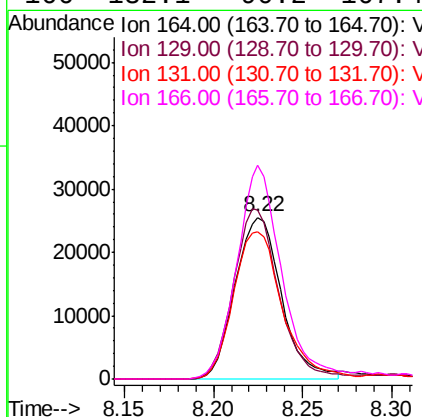
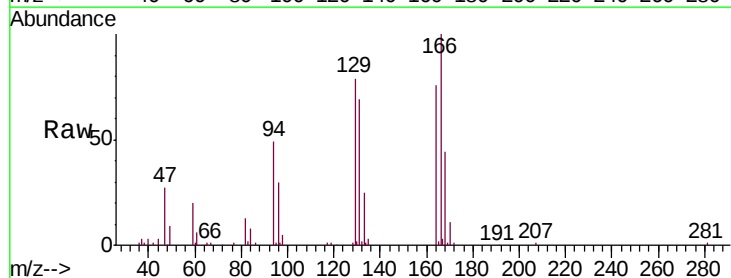
Instrument :
MSVOA_U
ClientSampled :
DB895

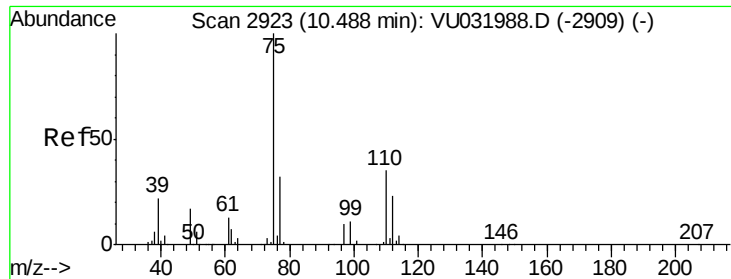
Tgt Ion: 75 Resp: 8334
Ion Ratio Lower Upper
75 100
77 45.1 22.5 41.7#



#46
Tetrachloroethene
Concen: 7.550 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032008.D
Acq: 14 May 2019 20:35

Tgt Ion: 164 Resp: 46706
Ion Ratio Lower Upper
164 100
129 104.6 70.9 131.7
131 90.8 67.4 125.2
166 132.1 90.2 167.4





#59

1,2,3-Trichloropropane

Concen: 4.190 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032008.D

Acq: 14 May 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

DB895

Tgt Ion: 75 Resp: 51943

Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5

