

Data File : VU031741.D
Acq On : 03 May 2019 11:48
Operator : JC/SP
Sample : K2661-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B35

Quant Time: May 04 02:39:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	865762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	803776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370370	51.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.24%
7) Chloroethane-d5	1.68	69	285634	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.27	63	521283	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.19	46	663889	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.64	84	580763	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.31	65	397091	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.34	84	1215856	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.32	67	428345	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	1038421	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	173133	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.31	63	408869	108.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	534120	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	327555	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

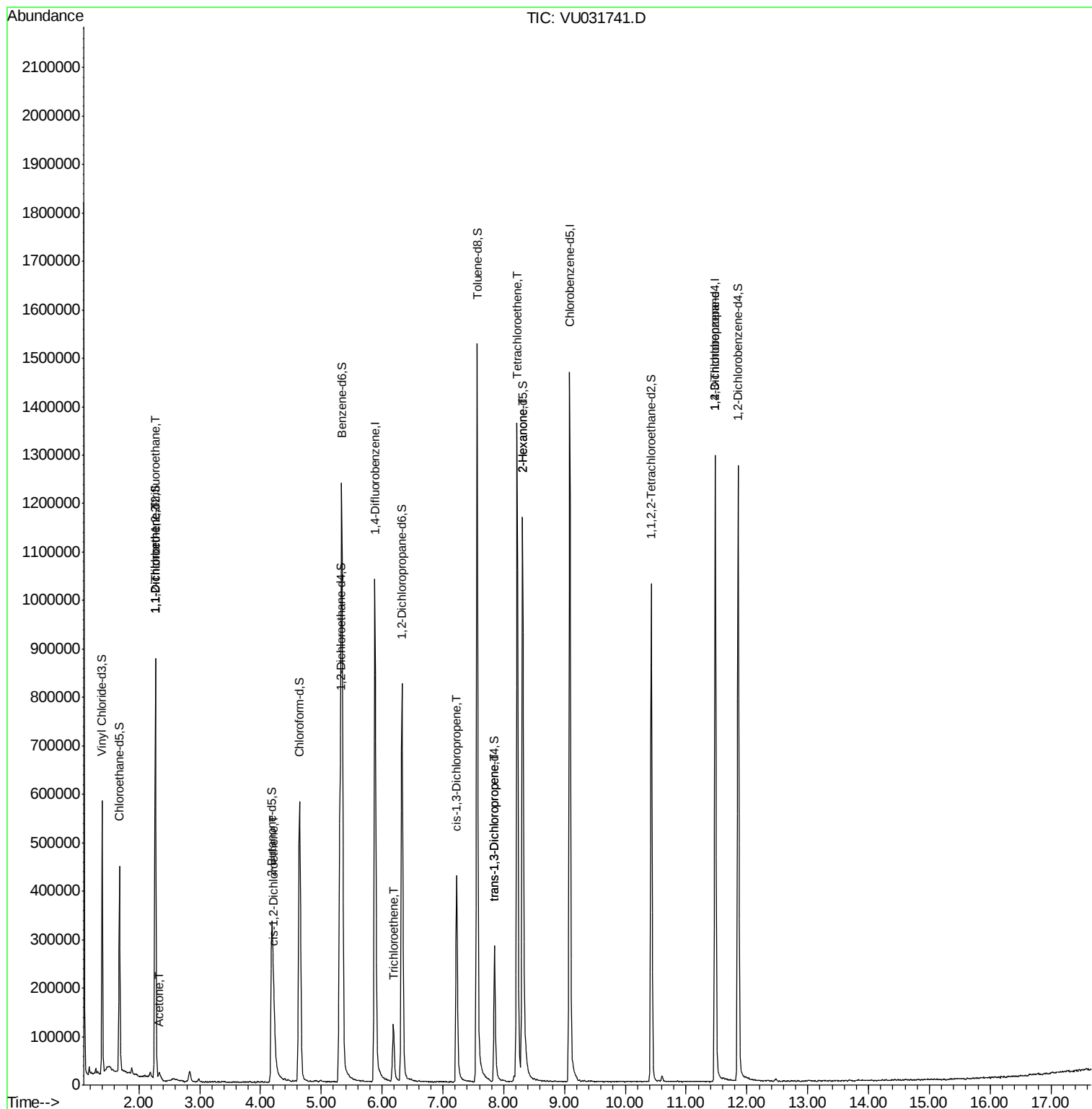
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4547	0.655	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3841	0.569	ug/L #	1
13) Acetone	2.34	43	13030	1.762	ug/L	75
20) cis-1,2-Dichloroethene	4.23	96	19215	2.545	ug/L	96
34) Trichloroethene	6.19	95	42290	5.904	ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	10745	0.969	ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	7515	0.747	ug/L	93
46) Tetrachloroethene	8.22	164	298860	61.197	ug/L	96
48) 2-Hexanone	8.31	43	50789	4.865	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	44520	4.476	ug/L	94

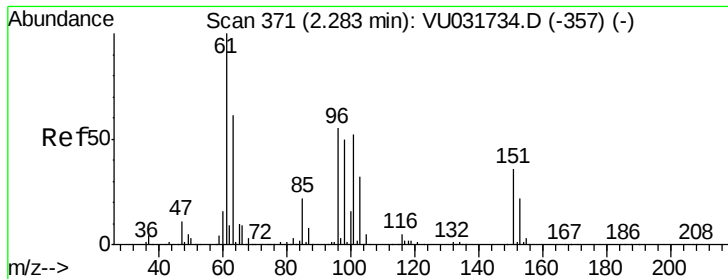
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.655 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0B35

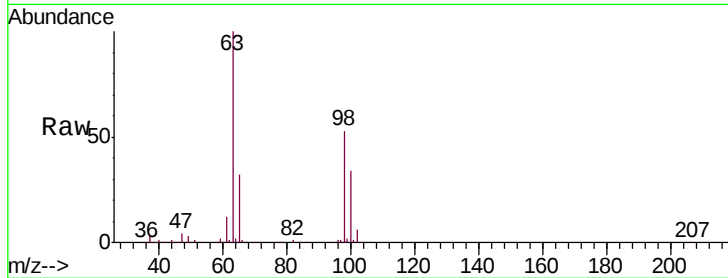
Tgt Ion:101 Resp: 4547

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

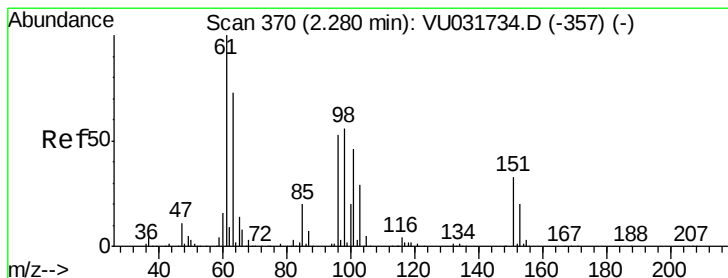
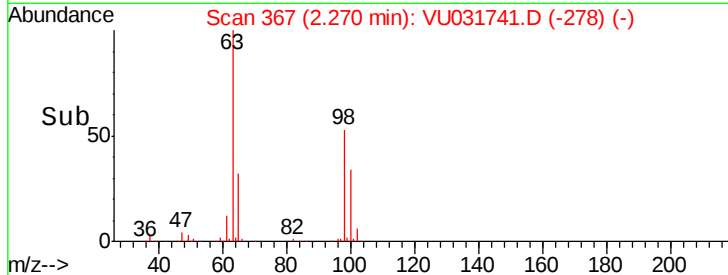
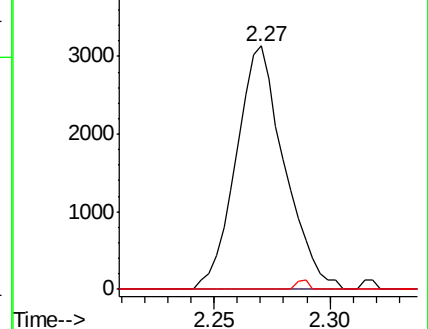
151 1.0 56.1 84.1#



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: 0.569 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

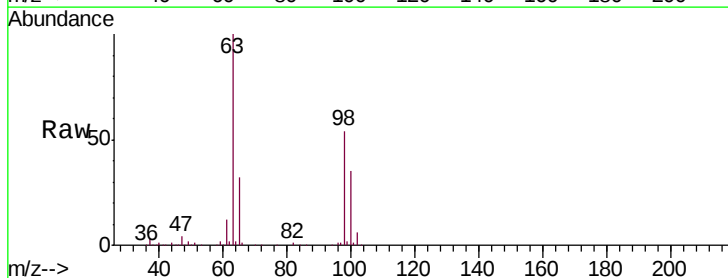
Tgt Ion: 96 Resp: 3841

Ion Ratio Lower Upper

96 100

61 1582.0 135.0 250.6#

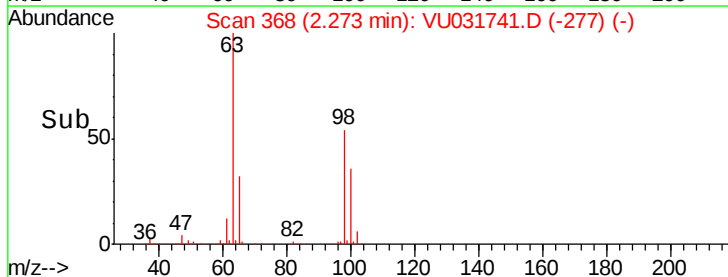
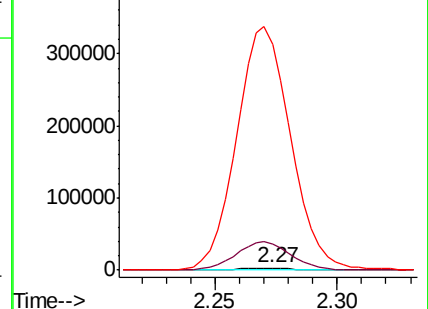
63 13513.9 103.5 192.3#

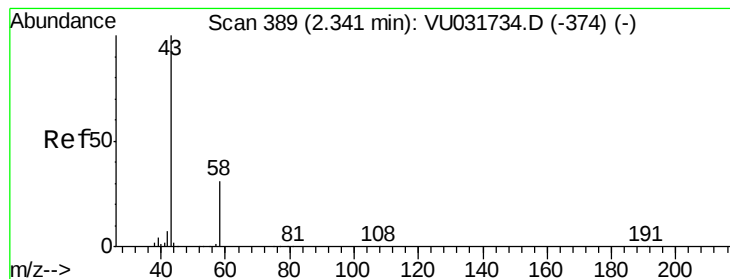


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.762 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

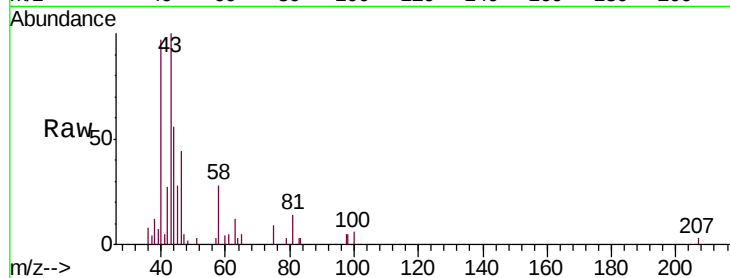
C0B35

Tgt Ion: 43 Resp: 13030

Ion Ratio Lower Upper

43 100

58 18.2 0.0 64.4

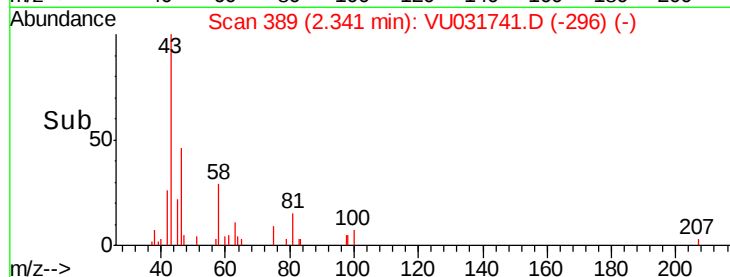


Abundance Ion 43.00 (42.70 to 43.70): VU031734.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031734.D (-374) (-)

2.34

Time-->

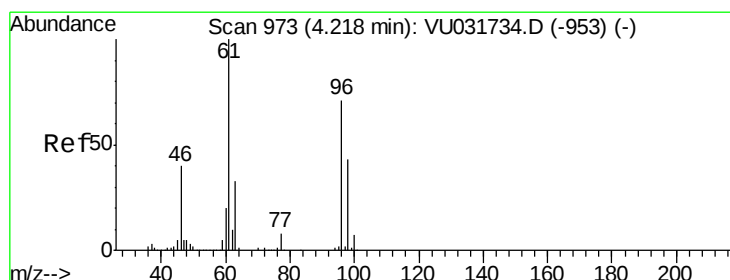


Abundance Ion 43.00 (42.70 to 43.70): VU031741.D (-296) (-)

Ion 58.00 (57.70 to 58.70): VU031741.D (-296) (-)

2.34

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.545 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

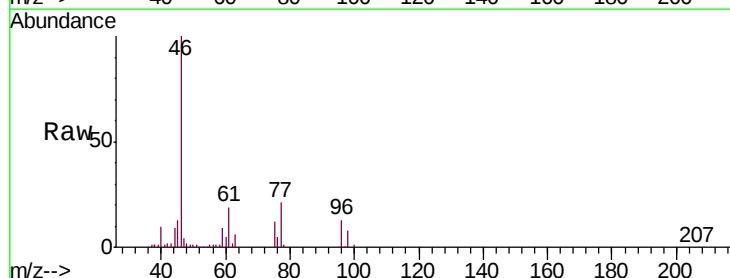
Tgt Ion: 96 Resp: 19215

Ion Ratio Lower Upper

96 100

61 147.2 99.5 184.7

68 0.0 0.0 0.0



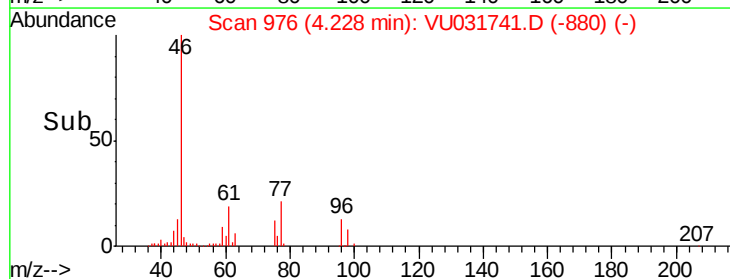
Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU031734.D (-953) (-)

4.23

Time-->



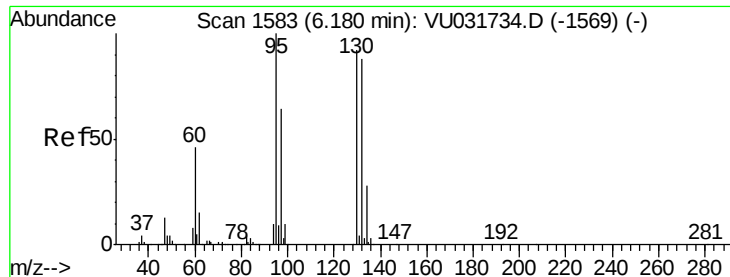
Abundance Ion 96.00 (95.70 to 96.70): VU031741.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU031741.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031741.D (-880) (-)

4.23

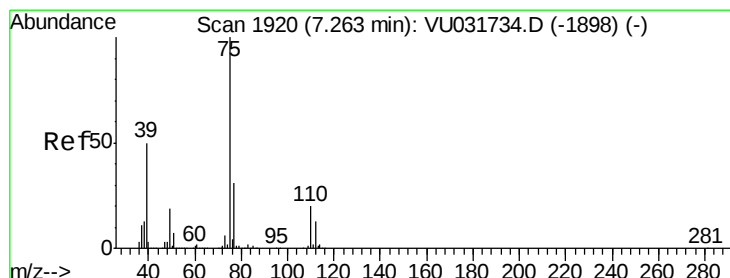
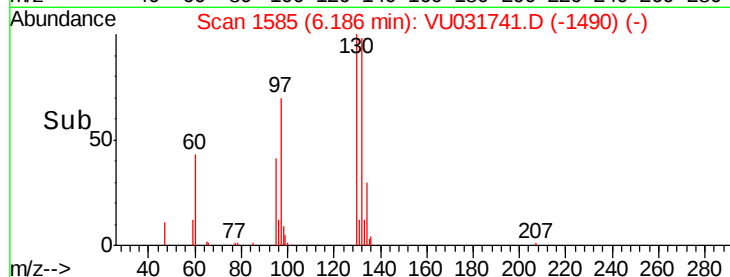
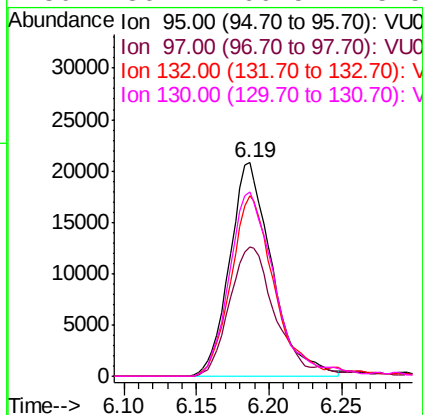
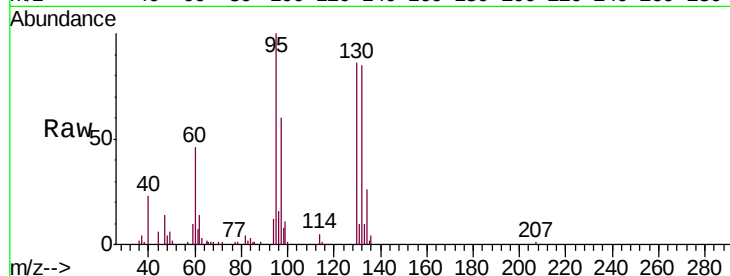
Time-->



#34
 Trichloroethene
 Concen: 5.904 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031741.D
 Acq: 03 May 2019 11:48

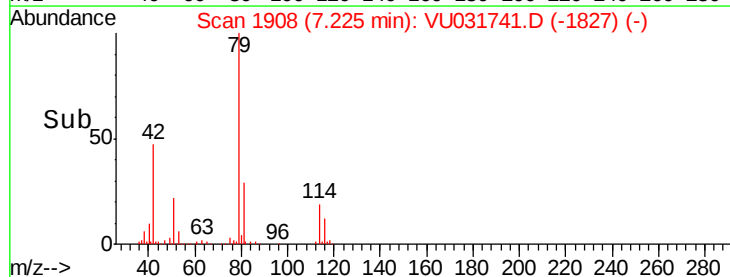
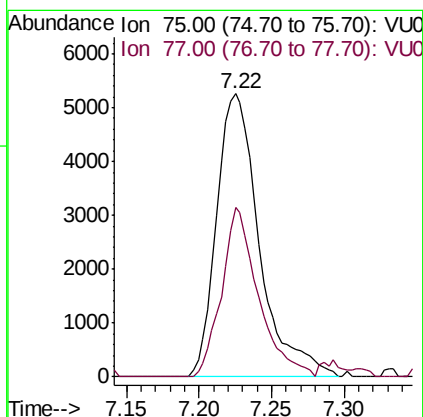
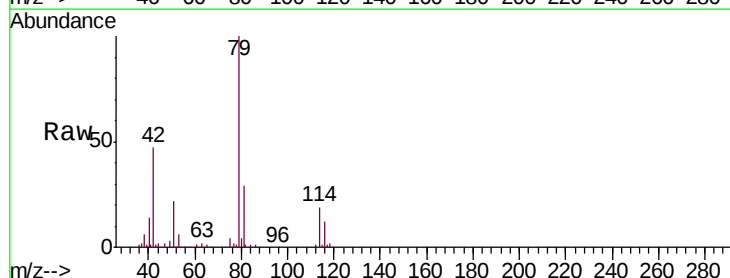
Instrument :
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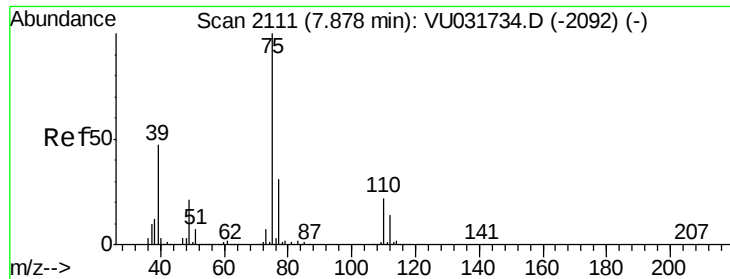
Tgt Ion:	95	Resp:	42290
Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.8	83.2
132	84.5	63.1	117.1
130	86.2	66.5	123.5



#39
 cis-1,3-Dichloropropene
 Concen: 0.969 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031741.D
 Acq: 03 May 2019 11:48

Tgt Ion:	75	Resp:	10745
Ion	Ratio	Lower	Upper
75	100		
77	59.7	22.1	41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

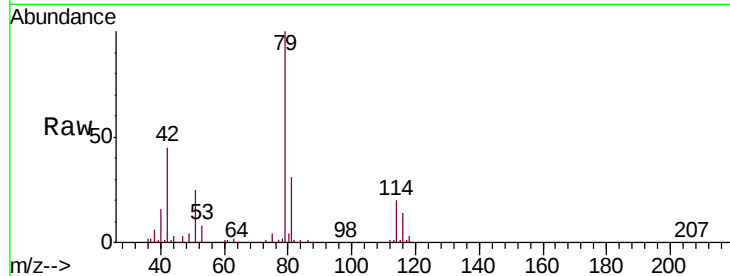
C0B35

Tgt Ion: 75 Resp: 7515

Ion Ratio Lower Upper

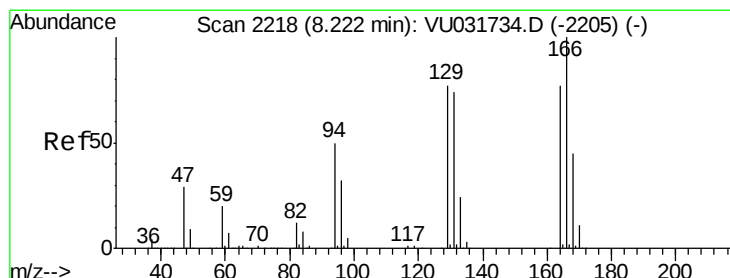
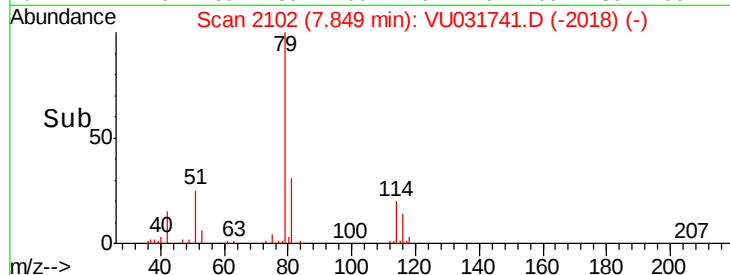
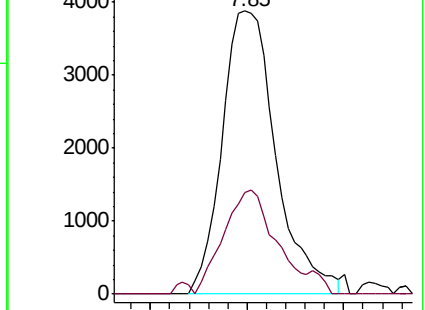
75 100

77 35.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031734.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031734.D (-2092) (-)



#46

Tetrachloroethene

Concen: 61.197 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Tgt Ion: 164 Resp: 298860

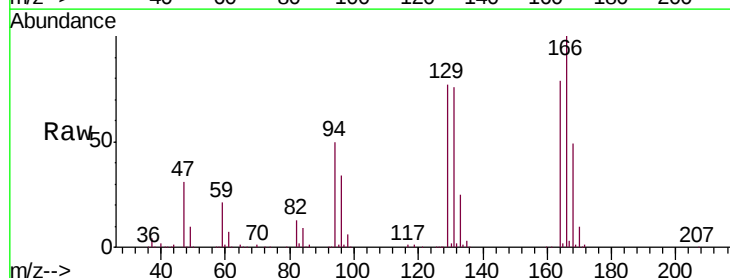
Ion Ratio Lower Upper

164 100

129 98.4 71.5 132.9

131 97.4 69.0 128.2

166 127.4 93.7 173.9

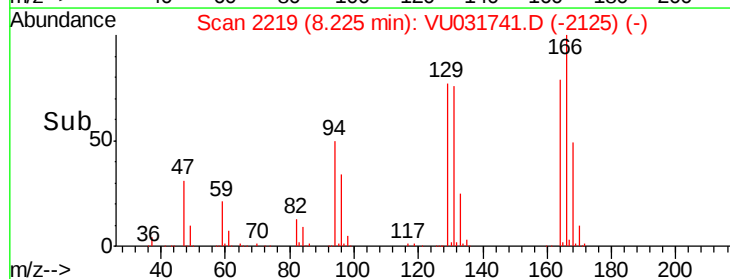
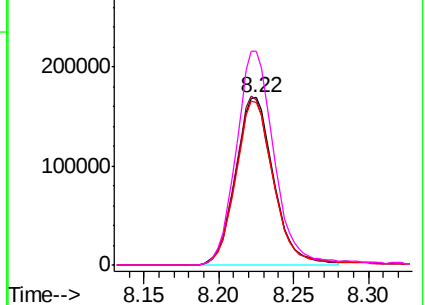


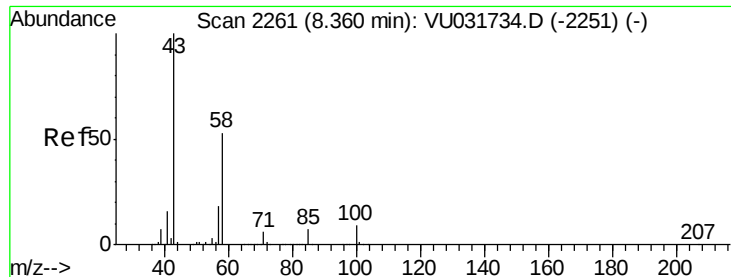
Abundance Ion 164.00 (163.70 to 164.70): VU031734.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031734.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031734.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031734.D (-2205) (-)

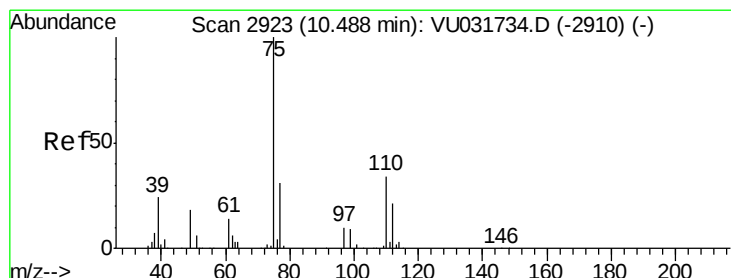
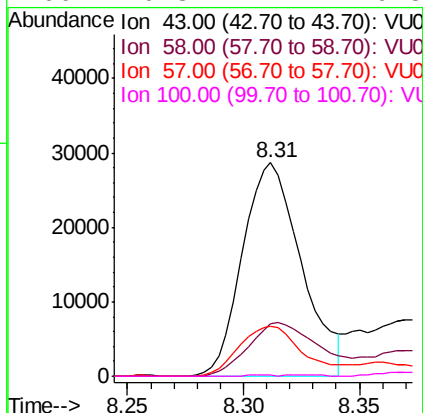
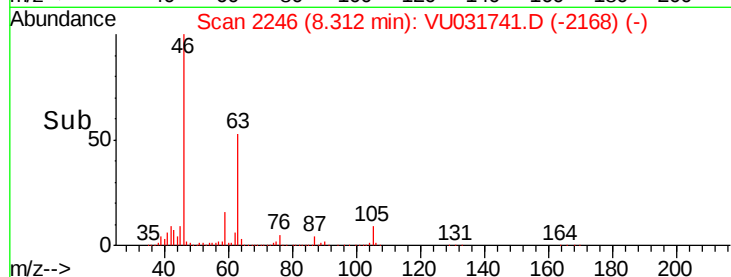
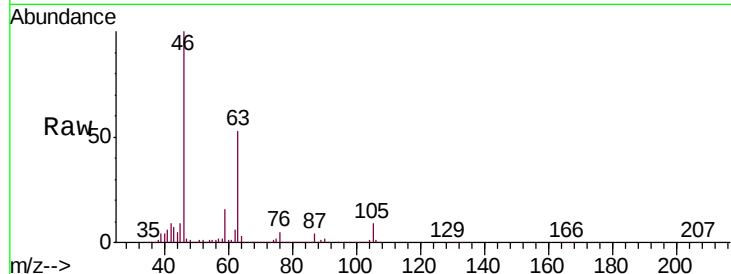




#48
2-Hexanone
Concen: 4.865 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
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Acq: 03 May 2019 11:48

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Tgt Ion: 43 Resp: 50789
Ion Ratio Lower Upper
43 100
58 30.4 42.1 63.1#
57 24.9 14.6 22.0#
100 0.3 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.476 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031741.D
Acq: 03 May 2019 11:48

Tgt Ion: 75 Resp: 44520
Ion Ratio Lower Upper
75 100
77 35.9 25.9 38.9

