

Data File : VU031726.D
Acq On : 02 May 2019 20:46
Operator : JC/SP
Sample : K2661-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B34

Quant Time: May 03 07:29:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	923369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	864391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	359094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	395527	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.36%
7) Chloroethane-d5	1.68	69	292881	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.27	63	558759	36.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.62%
21) 2-Butanone-d5	4.18	46	688123	98.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.64	84	615883	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
26) 1,2-Dichloroethane-d4	5.31	65	407690	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
32) Benzene-d6	5.34	84	1295288	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	444710	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.56	98	1123289	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.85	79	177244	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.31	63	449317	111.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	551455	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	353626	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%

Target Compounds

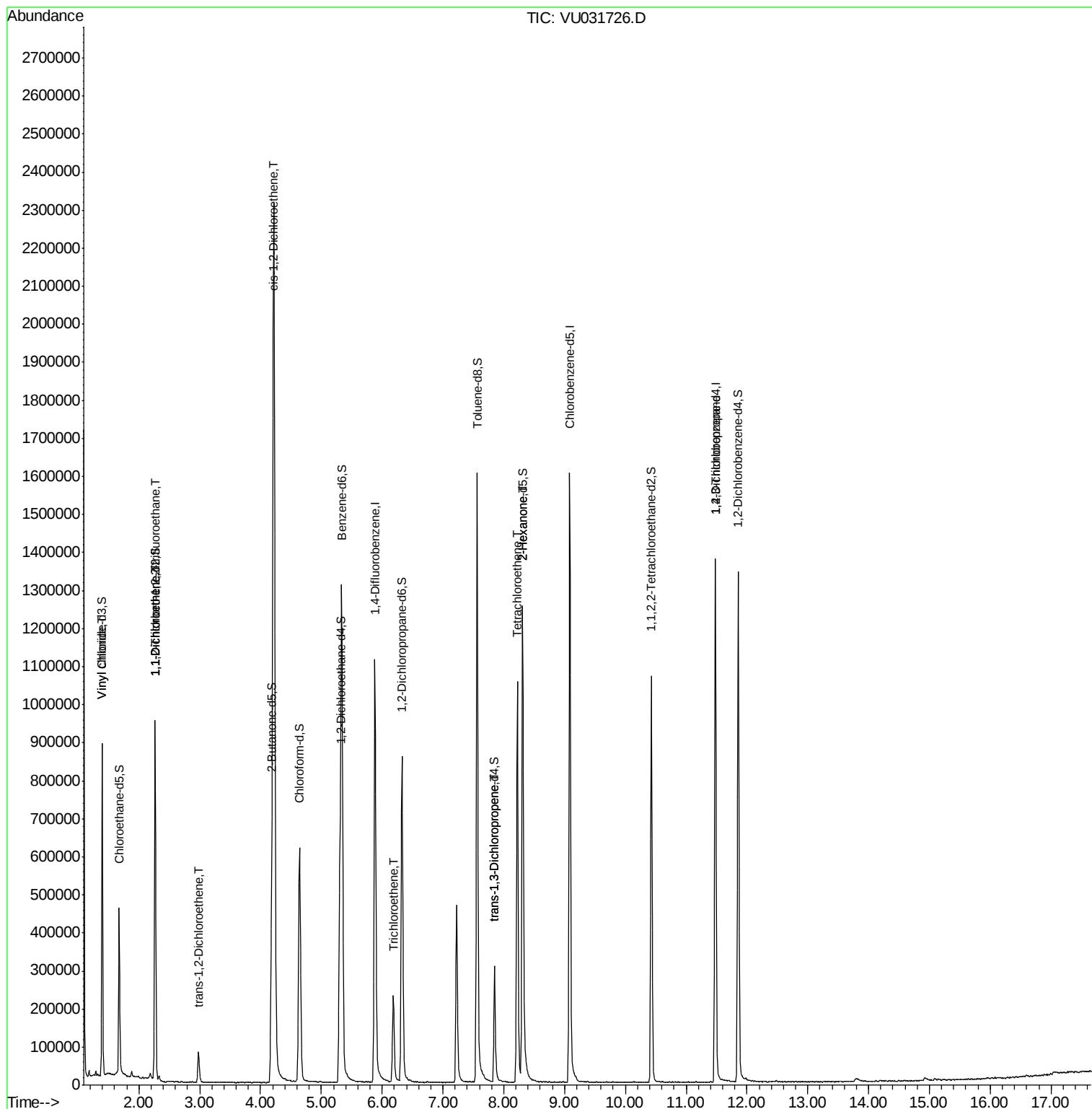
						Qvalue
5) Vinyl chloride	1.40	62	233349	20.317	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4220	0.570	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	5415	0.752	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	31261	4.164	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1218309	151.299	ug/L	97
34) Trichloroethene	6.18	95	86037	11.168	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	7351	0.680	ug/L	99
46) Tetrachloroethene	8.22	164	241504	45.985	ug/L	98
48) 2-Hexanone	8.31	43	52151	4.645	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	49764	4.652	ug/L	94

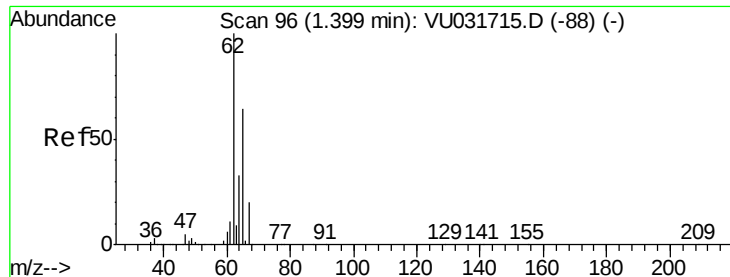
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.317 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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Acq: 02 May 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

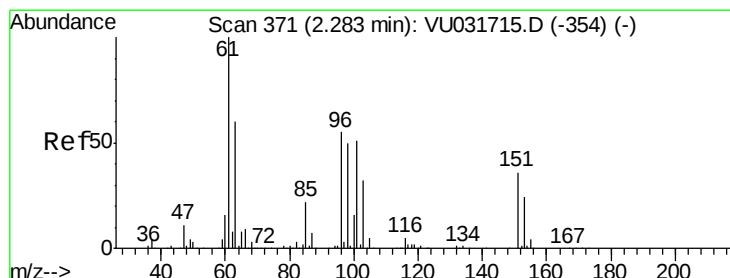
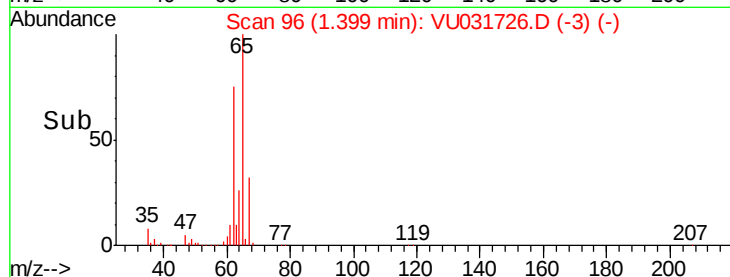
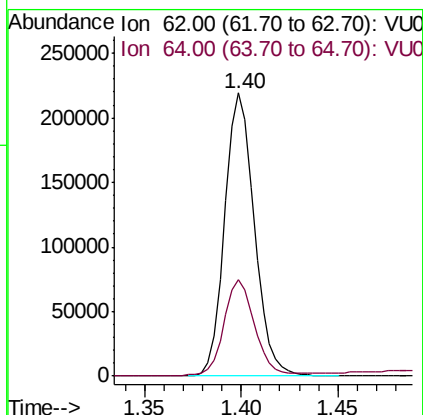
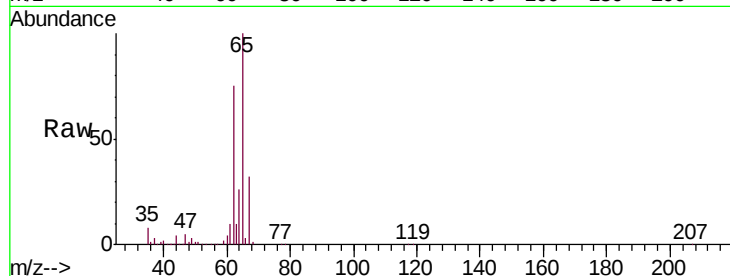
C0B34

Tgt Ion: 62 Resp: 233349

Ion Ratio Lower Upper

62 100

64 34.0 23.1 42.9



#10

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

Concen: 0.570 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

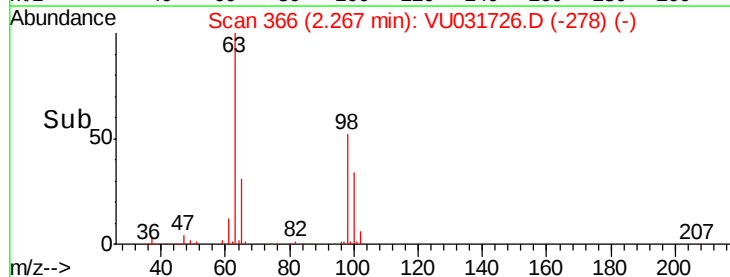
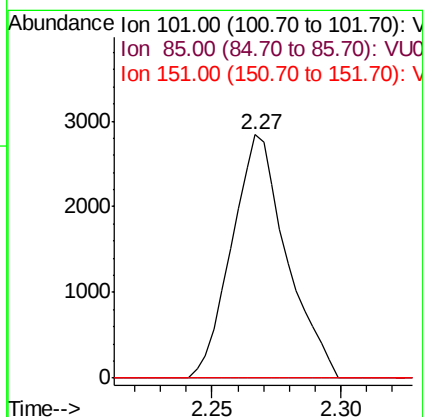
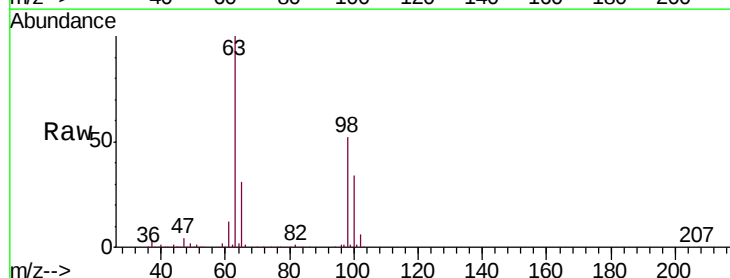
Tgt Ion: 101 Resp: 4220

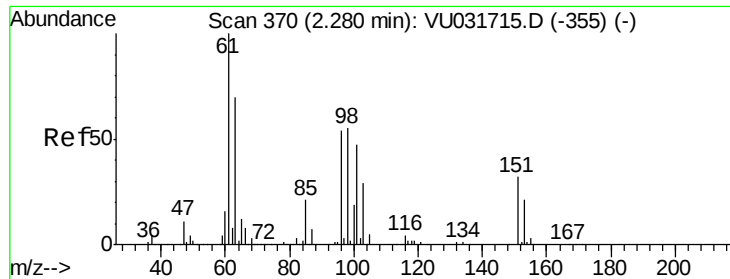
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.752 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

C0B34

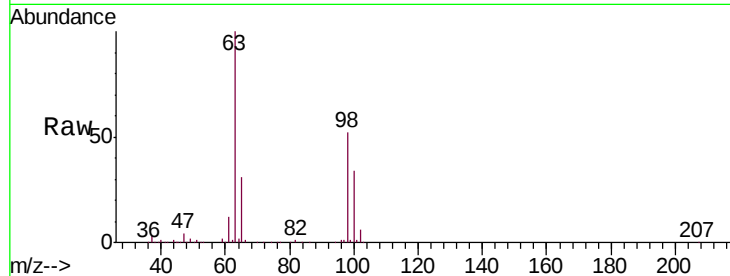
Tgt Ion: 96 Resp: 5415

Ion Ratio Lower Upper

96 100

61 1535.6 135.0 250.6#

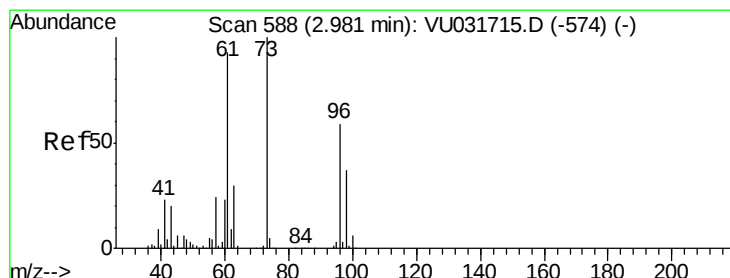
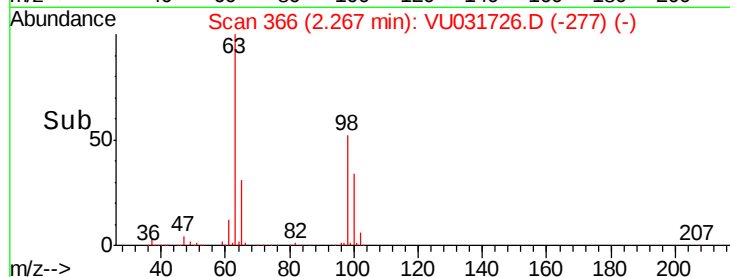
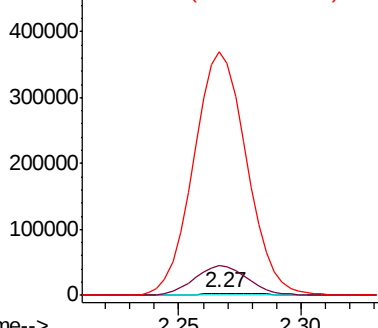
63 12720.7 103.5 192.3#



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



#17

trans-1,2-Dichloroethene

Concen: 4.164 ug/L

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

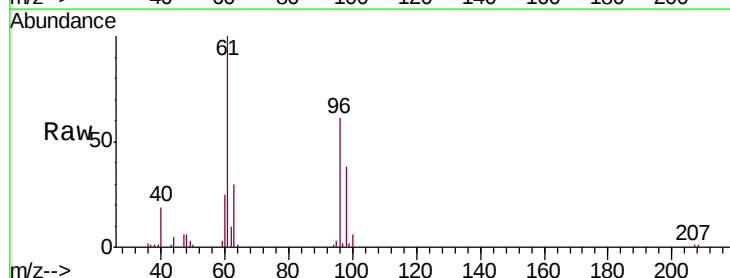
Tgt Ion: 96 Resp: 31261

Ion Ratio Lower Upper

96 100

61 163.2 114.5 212.7

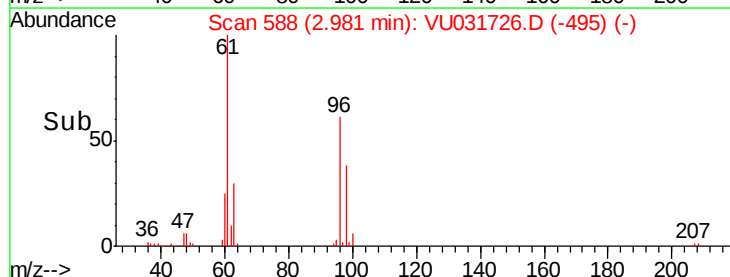
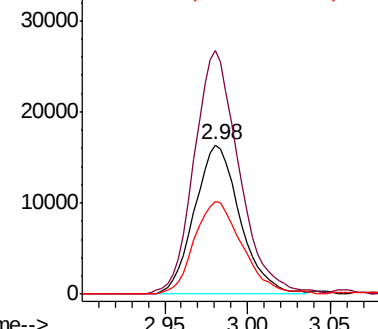
98 61.8 45.4 84.2

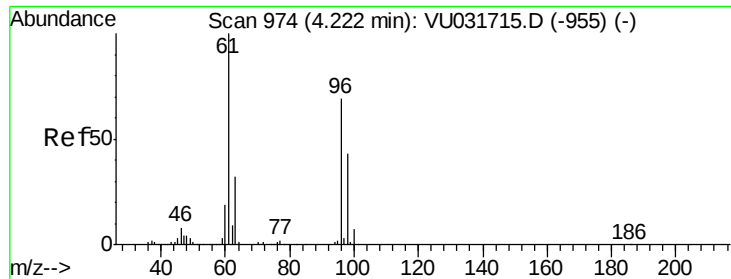


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

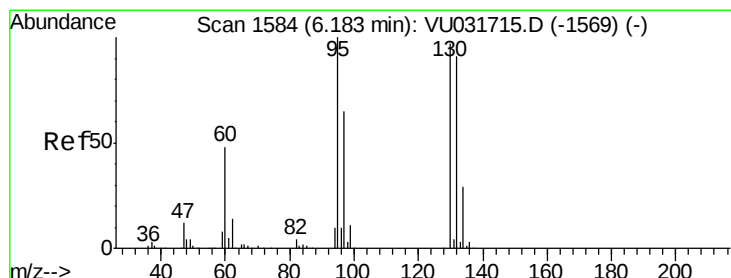
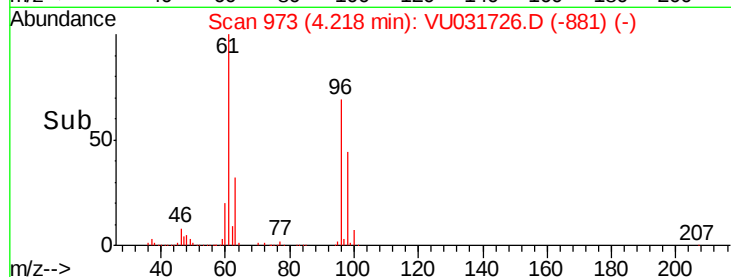
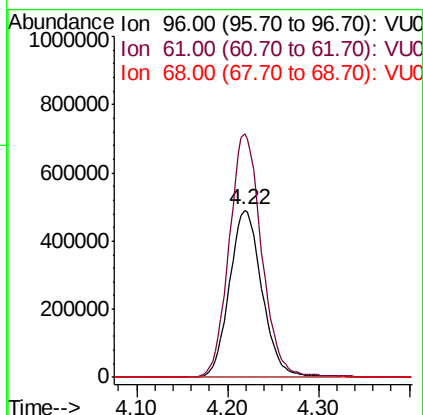
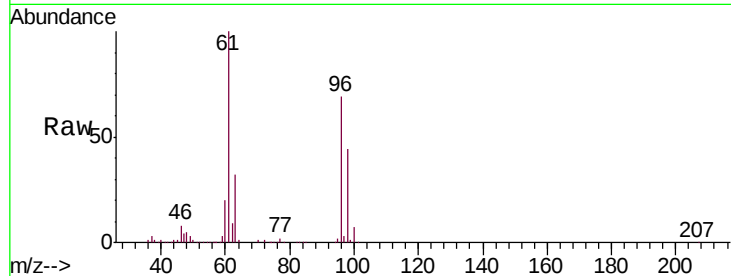




#20
 cis-1,2-Dichloroethene
 Concen: 151.299 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031726.D
 Acq: 02 May 2019 20:46

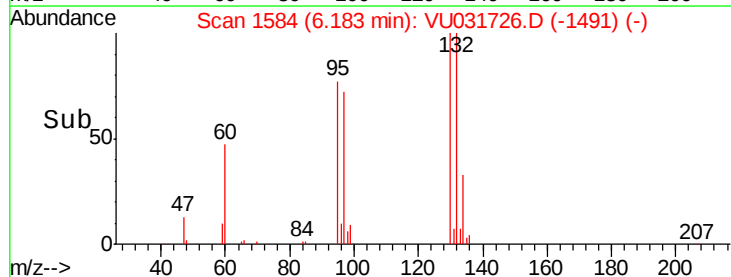
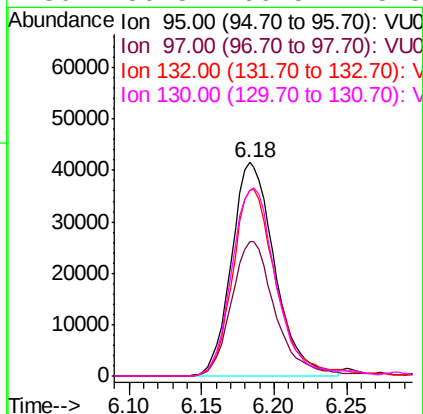
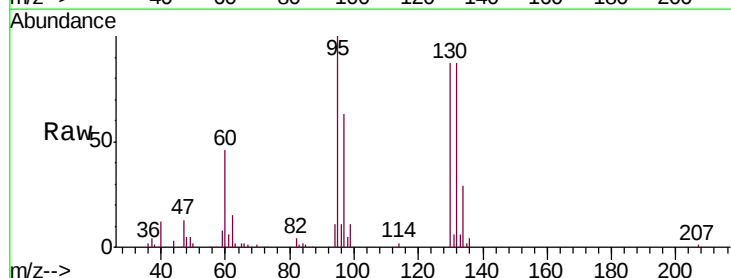
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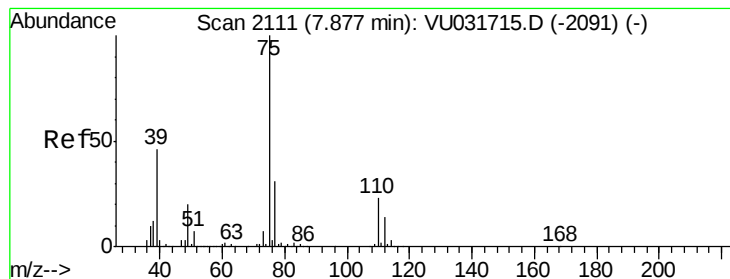
Tgt Ion: 96 Resp: 1218309
 Ion Ratio Lower Upper
 96 100
 61 145.9 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 11.168 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031726.D
 Acq: 02 May 2019 20:46

Tgt Ion: 95 Resp: 86037
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.8 83.2
 132 87.2 63.1 117.1
 130 86.8 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

Instrument :

MSVOA_U

ClientSampled :

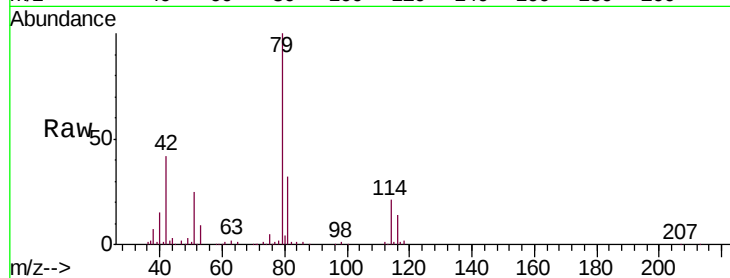
C0B34

Tgt Ion: 75 Resp: 7351

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1

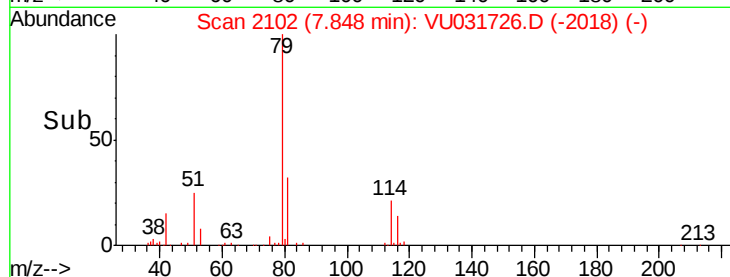


Abundance Ion 75.00 (74.70 to 75.70): VU031715.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031715.D (-2091) (-)

7.85

Time-->

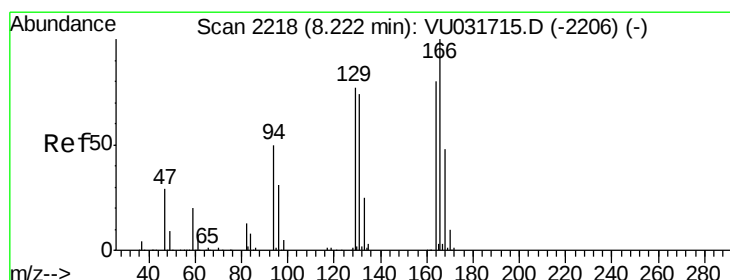


Abundance Ion 75.00 (74.70 to 75.70): VU031726.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031726.D (-2018) (-)

7.85

Time-->



#46

Tetrachloroethene

Concen: 45.985 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031726.D

Acq: 02 May 2019 20:46

Tgt Ion: 164 Resp: 241504

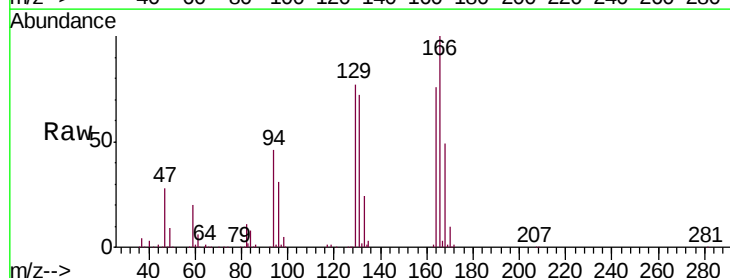
Ion Ratio Lower Upper

164 100

129 100.9 71.5 132.9

131 94.9 69.0 128.2

166 131.7 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031715.D (-2206) (-)

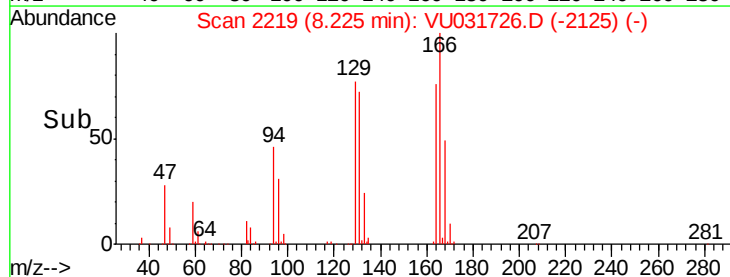
Ion 129.00 (128.70 to 129.70): VU031715.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031715.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031715.D (-2206) (-)

8.22

Time-->



Abundance Ion 164.00 (163.70 to 164.70): VU031726.D (-2125) (-)

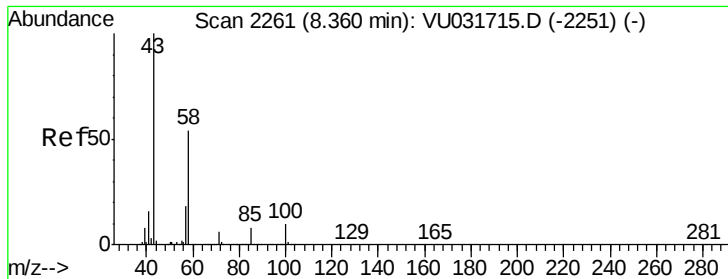
Ion 129.00 (128.70 to 129.70): VU031726.D (-2125) (-)

Ion 131.00 (130.70 to 131.70): VU031726.D (-2125) (-)

Ion 166.00 (165.70 to 166.70): VU031726.D (-2125) (-)

8.22

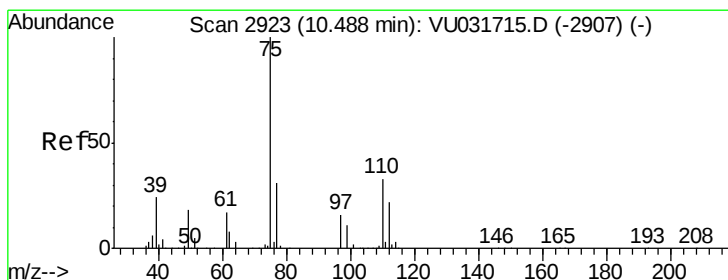
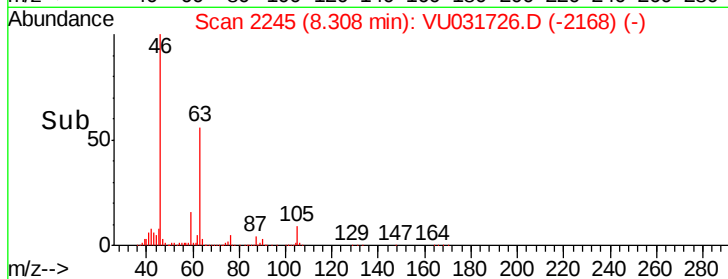
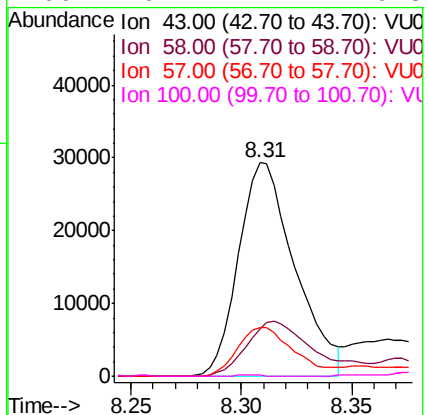
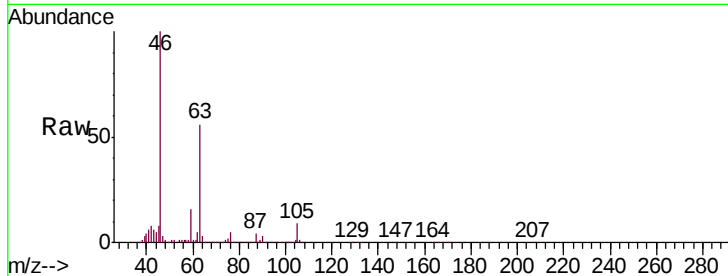
Time-->



#48
2-Hexanone
Concen: 4.645 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031726.D
Acq: 02 May 2019 20:46

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ClientSampleId :
C0B34

Tgt Ion:	43	Resp:	52151
Ion	Ratio	Lower	Upper
43	100		
58	28.2	42.1	63.1#
57	22.3	14.6	22.0#
100	0.2	7.2	10.8#



#59
1,2,3-Trichloropropane
Concen: 4.652 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031726.D
Acq: 02 May 2019 20:46

Tgt Ion:	75	Resp:	49764
Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.9	38.9

