

Data File : VU031729.D
Acq On : 02 May 2019 21:56
Operator : JC/SP
Sample : K2661-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B37

Quant Time: May 03 07:30:00 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	958149	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	881550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	365330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	401729	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.20%
7) Chloroethane-d5	1.68	69	299268	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.27	63	565260	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	4.18	46	716761	98.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.65%
24) Chloroform-d	4.64	84	623974	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
26) 1,2-Dichloroethane-d4	5.31	65	412065	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
32) Benzene-d6	5.34	84	1334938	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.32	67	453961	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.56	98	1138657	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%
43) trans-1,3-Dichloropropene-	7.85	79	182336	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.31	63	454128	110.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566236	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	354682	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

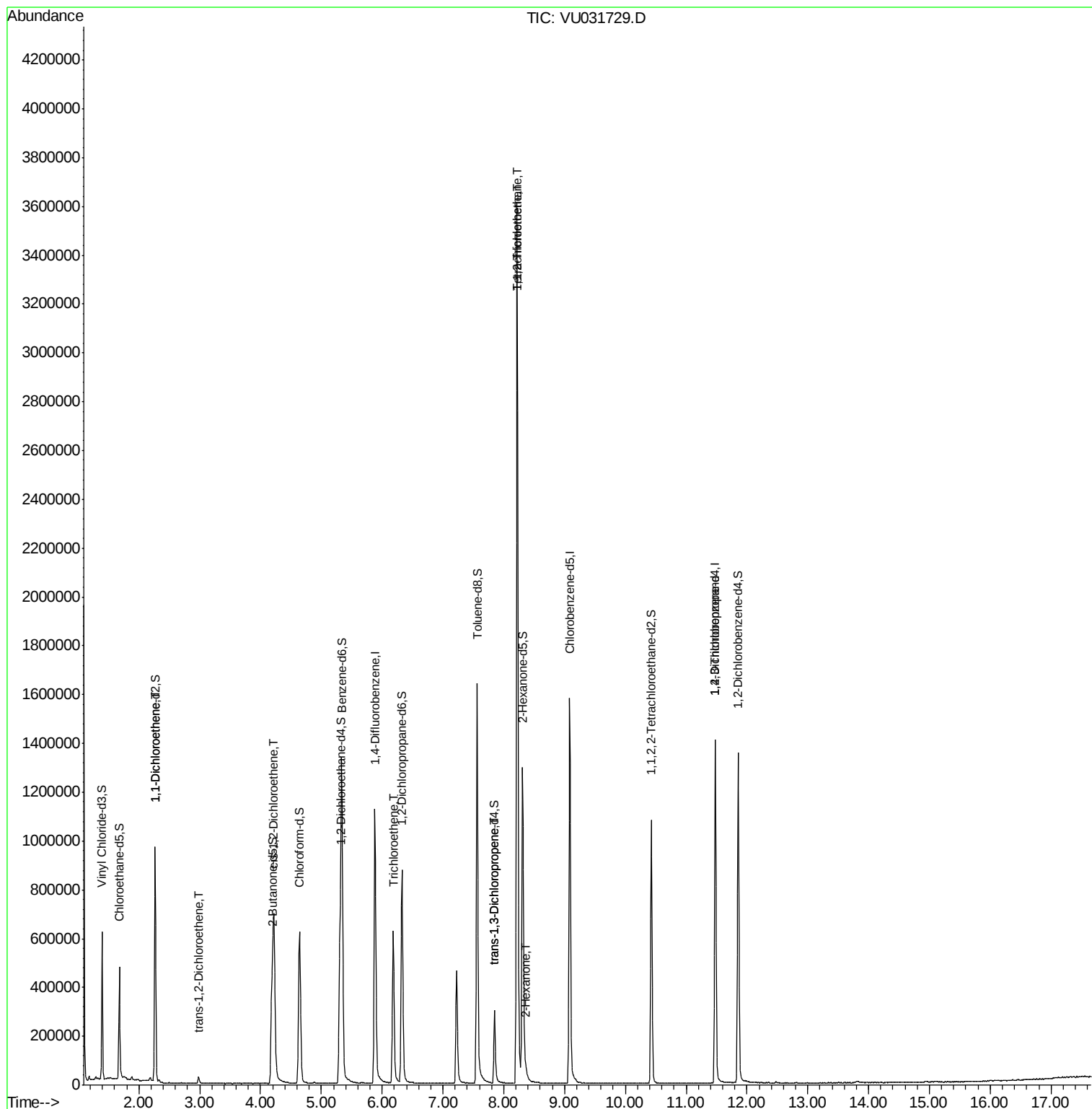
					Qvalue
12) 1,1-Dichloroethene	2.27	96	5303	0.709 ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	9383	1.205 ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	320968	38.413 ug/L	97
34) Trichloroethene	6.18	95	234252	29.816 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6650	0.603 ug/L	95
45) 1,1,2-Trichloroethane	8.22	97	7608	1.003 ug/L #	11
46) Tetrachloroethene	8.22	164	808785	151.003 ug/L	96
48) 2-Hexanone	8.37	43	11877	1.037 ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	46735	4.284 ug/L	93

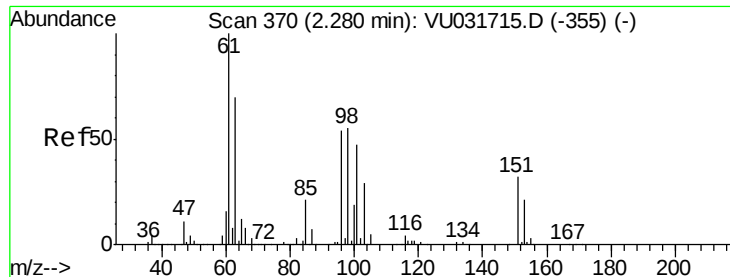
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.709 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

C0B37

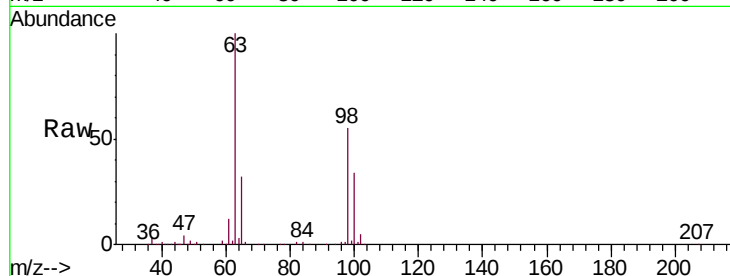
Tgt Ion: 96 Resp: 5303

Ion Ratio Lower Upper

96 100

61 1307.7 135.0 250.6#

63 11190.9 103.5 192.3#

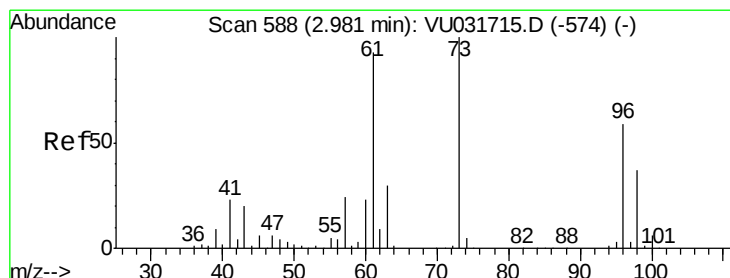
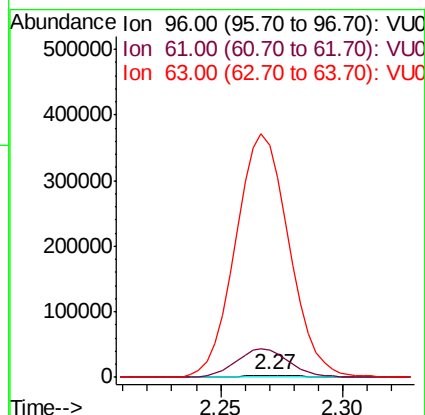
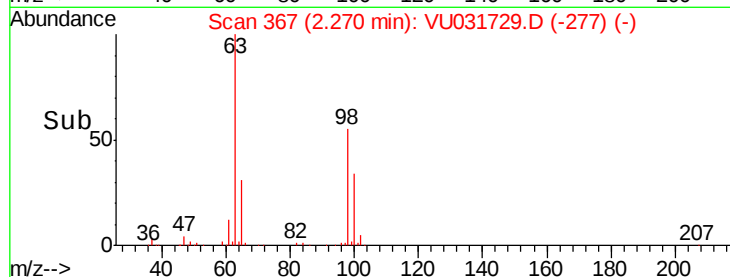


Abundance Ion 96.00 (95.70 to 96.70): VU031729.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031729.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031729.D (-277) (-)

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.205 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

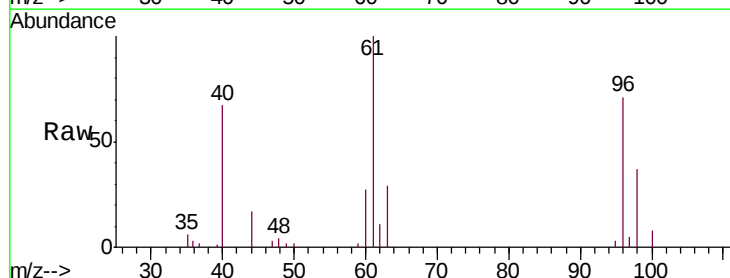
Tgt Ion: 96 Resp: 9383

Ion Ratio Lower Upper

96 100

61 141.8 114.5 212.7

98 52.2 45.4 84.2

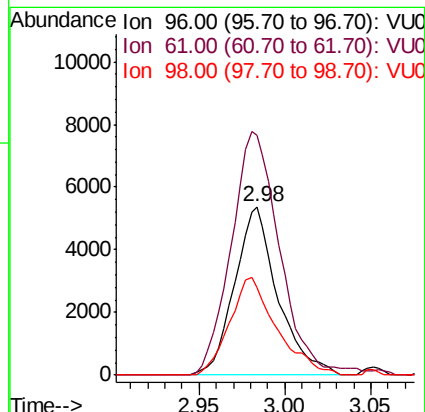
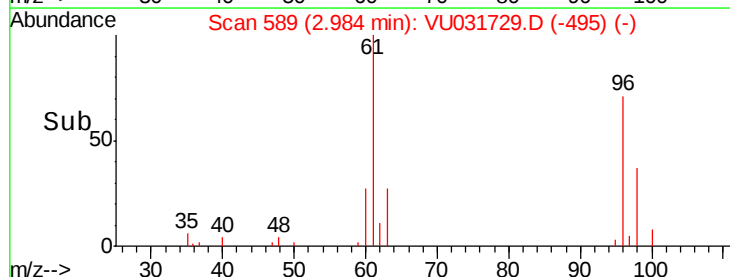


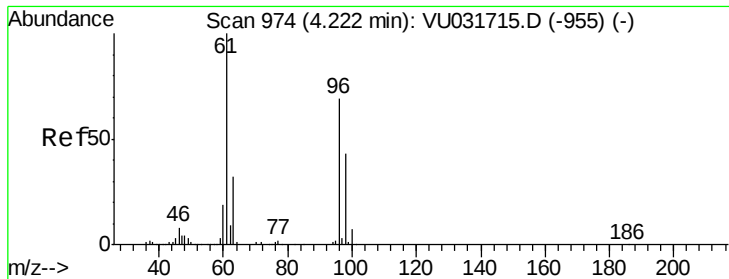
Abundance Ion 96.00 (95.70 to 96.70): VU031729.D (-495) (-)

Ion 61.00 (60.70 to 61.70): VU031729.D (-495) (-)

Ion 98.00 (97.70 to 98.70): VU031729.D (-495) (-)

Time-->





#20

cis-1,2-Dichloroethene

Concen: 38.413 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

C0B37

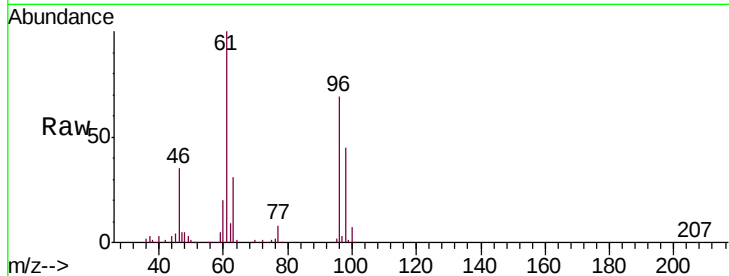
Tgt Ion: 96 Resp: 320968

Ion Ratio Lower Upper

96 100

61 145.8 99.5 184.7

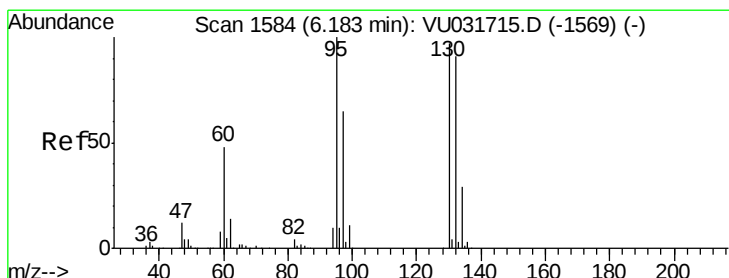
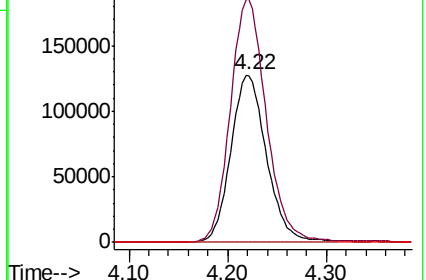
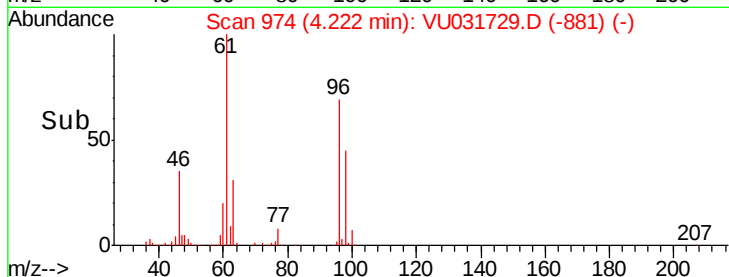
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031729.D (-881) (-)

Ion 61.00 (60.70 to 61.70): VU031729.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU031729.D (-881) (-)



#34

Trichloroethene

Concen: 29.816 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Tgt Ion: 95 Resp: 234252

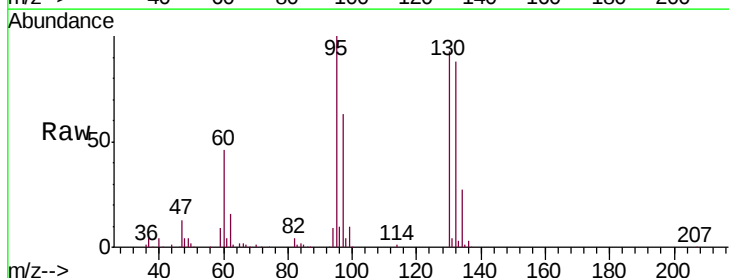
Ion Ratio Lower Upper

95 100

97 63.4 44.8 83.2

132 87.8 63.1 117.1

130 93.2 66.5 123.5

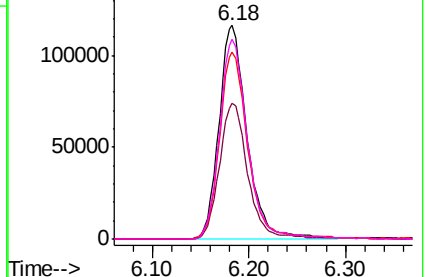
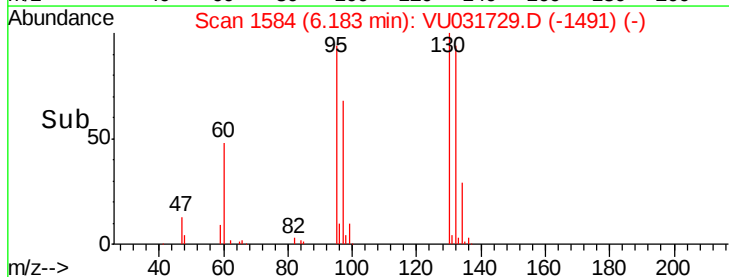


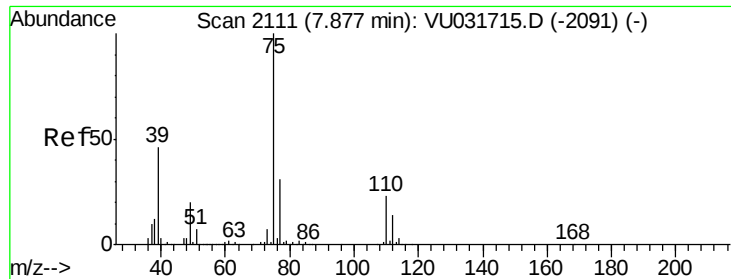
Abundance Ion 95.00 (94.70 to 95.70): VU031729.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031729.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031729.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031729.D (-1491) (-)

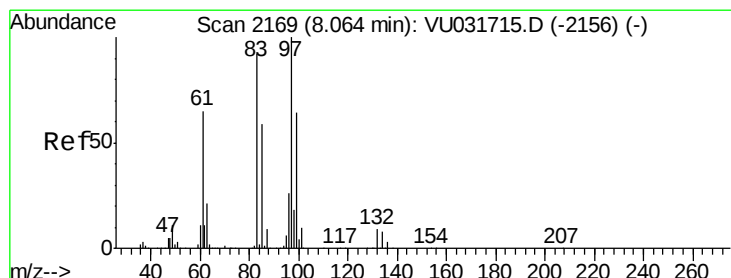
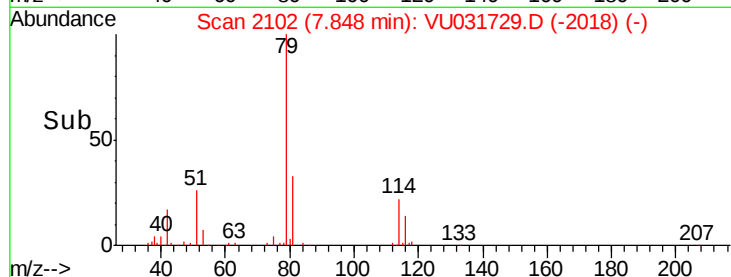
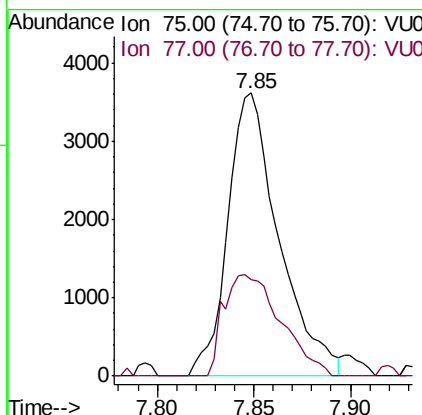
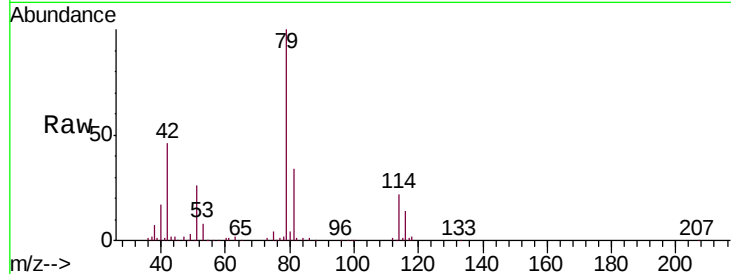




#44
trans-1,3-Dichloropropene
Concen: 0.603 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031729.D
Acq: 02 May 2019 21:56

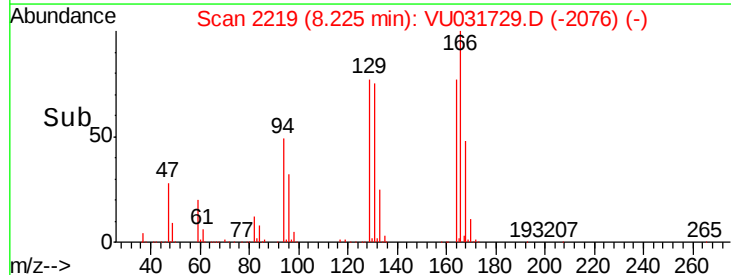
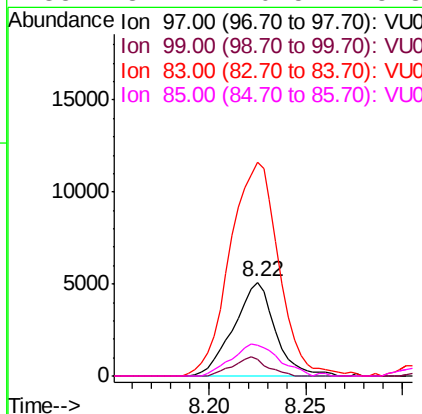
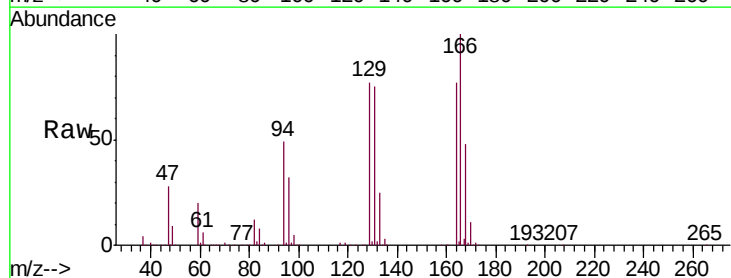
Instrument :
MSVOA_U
ClientSampleId :
C0B37

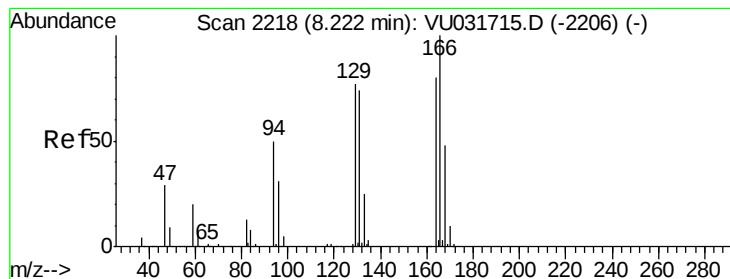
Tgt Ion: 75 Resp: 6650
Ion Ratio Lower Upper
75 100
77 34.3 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 1.003 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.16 min
Lab File: VU031729.D
Acq: 02 May 2019 21:56

Tgt Ion: 97 Resp: 7608
Ion Ratio Lower Upper
97 100
99 17.3 43.0 80.0#
83 227.7 63.6 118.2#
85 32.7 40.5 75.3#





#46

Tetrachloroethene

Concen: 151.003 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

C0B37

Tgt Ion:164 Resp: 808785

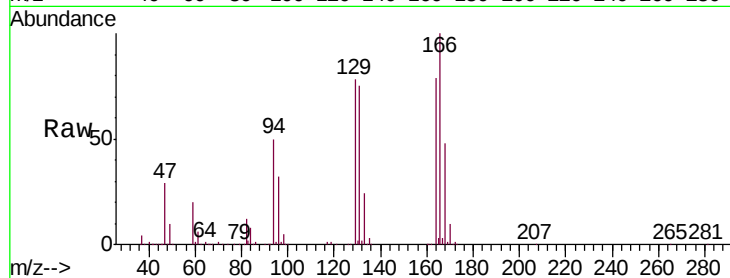
Ion Ratio Lower Upper

164 100

129 99.6 71.5 132.9

131 96.0 69.0 128.2

166 127.2 93.7 173.9

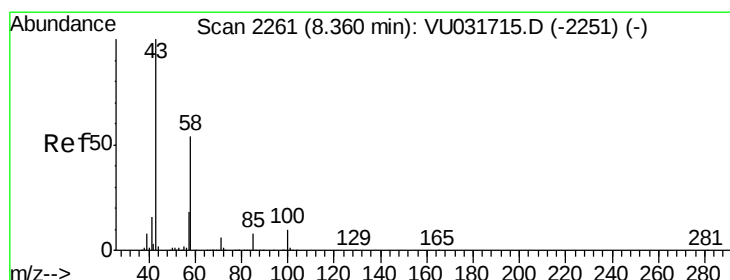
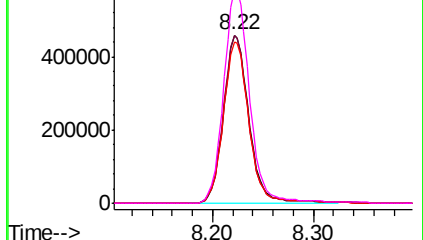
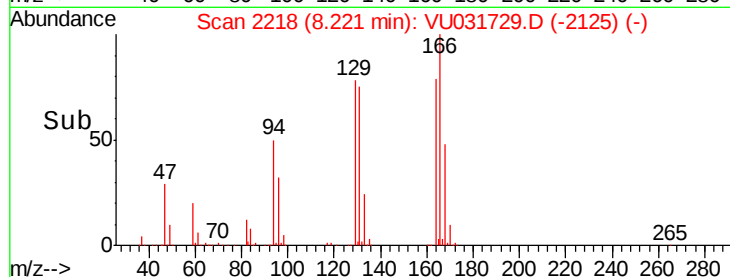


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 1.037 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Tgt Ion: 43 Resp: 11877

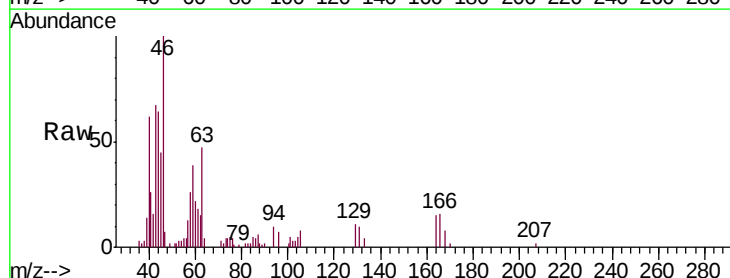
Ion Ratio Lower Upper

43 100

58 0.0 42.1 63.1#

57 6.5 14.6 22.0#

100 1.1 7.2 10.8#

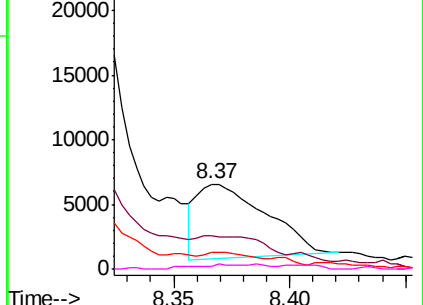
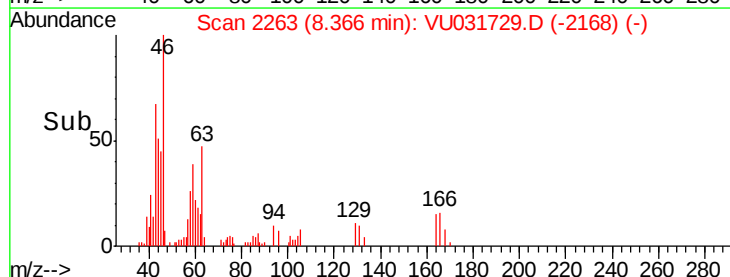


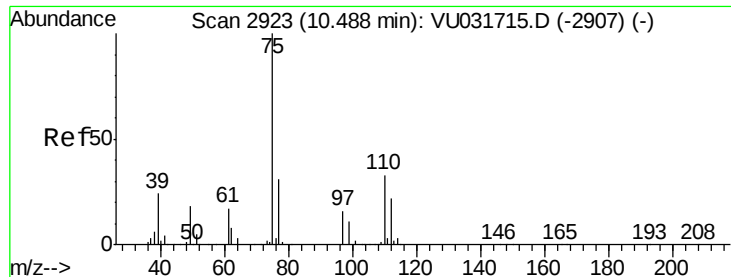
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.284 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031729.D

Acq: 02 May 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

C0B37

Tgt Ion: 75 Resp: 46735

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9

