

Data File : VU031637.D
Acq On : 30 Apr 2019 16:29
Operator : JC/SP
Sample : K2593-05DL 2500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XD7DL

Quant Time: May 01 01:43:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	678306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	659907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224896	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312198	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.98%
7) Chloroethane-d5	1.68	69	228838	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.32%
11) 1,1-Dichloroethene-d2	2.38	63	265	0.02	ug/L	0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	504008	97.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.99%
24) Chloroform-d	4.64	84	507024	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.30	65	356133	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.34	84	992616	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
36) 1,2-Dichloropropane-d6	6.32	67	360549	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.14%
41) Toluene-d8	7.56	98	782589	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.85	79	131703	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.31	63	275879	89.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	435017	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	231105	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

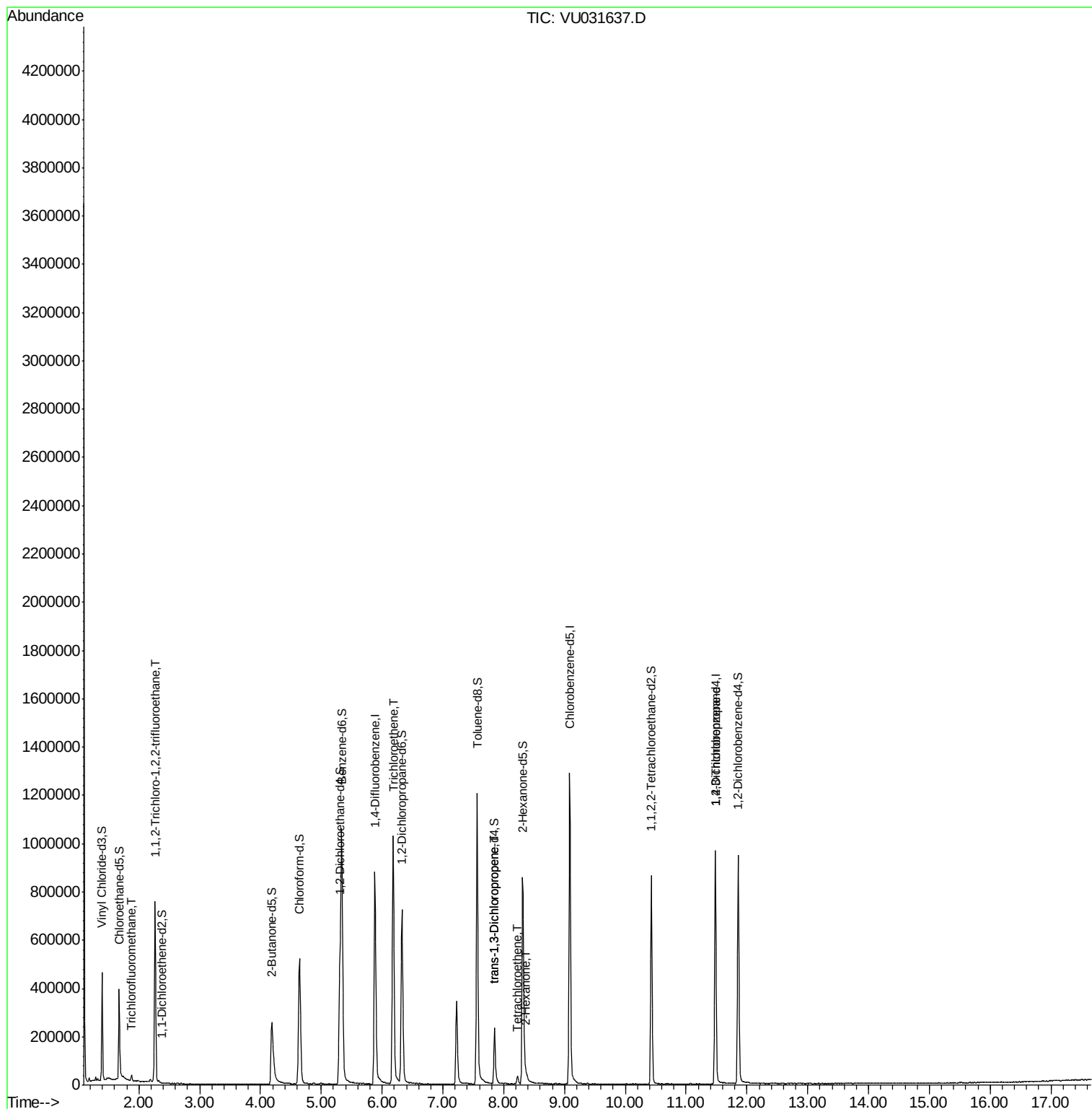
						Qvalue
9) Trichlorofluoromethane	1.88	101	7344	0.764	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3196	0.588	ug/L #	23
34) Trichloroethene	6.18	95	387098	65.819	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	6057	0.734	ug/L	95
46) Tetrachloroethene	8.22	164	7554	1.884	ug/L	89
48) 2-Hexanone	8.37	43	12606	1.471	ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	32081	3.928	ug/L	89

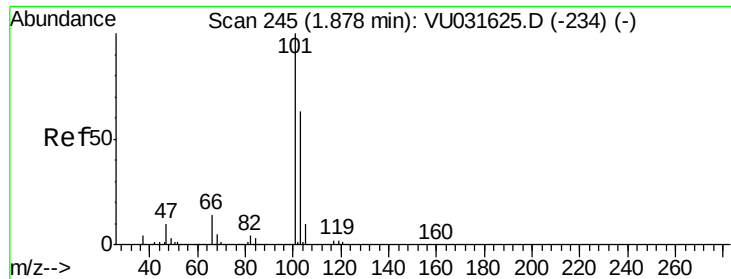
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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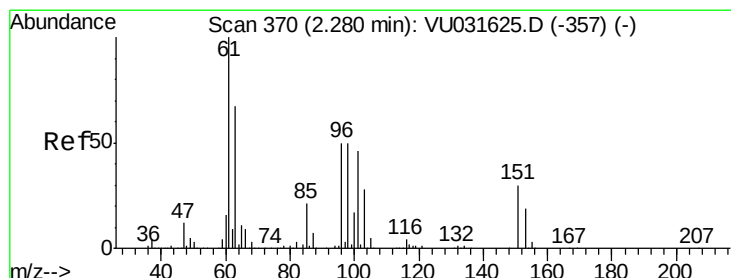
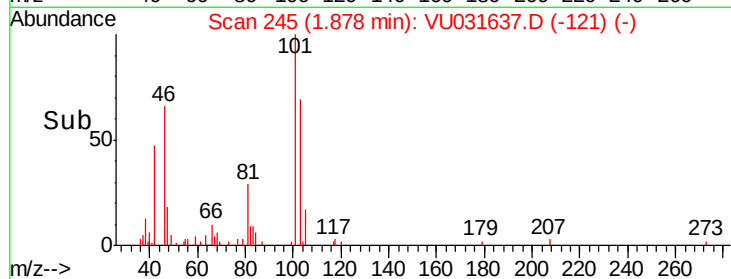
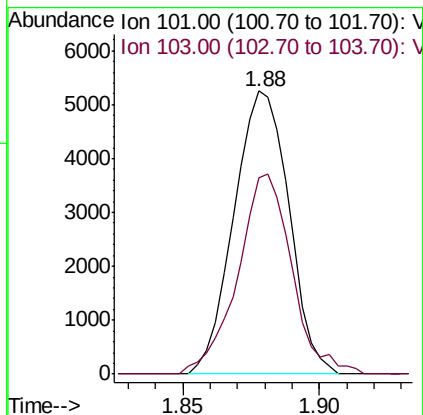
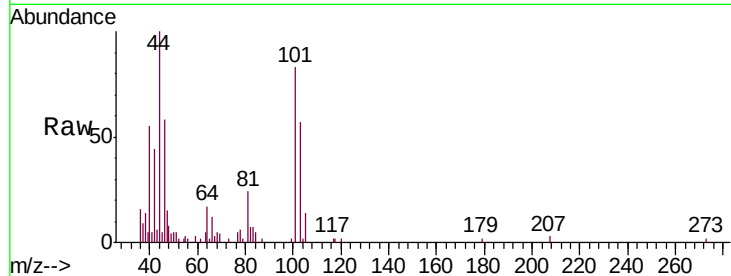


#9

Trichlorofluoromethane
 Concen: 0.764 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU031637.D
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 C0XD7DL

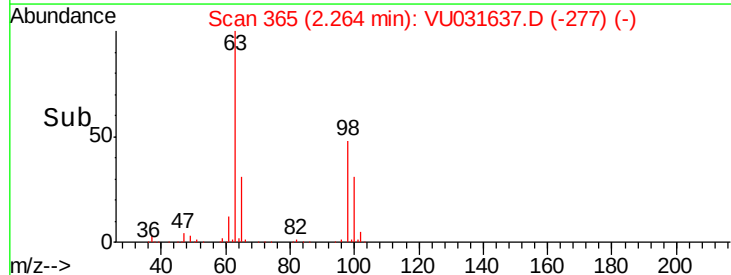
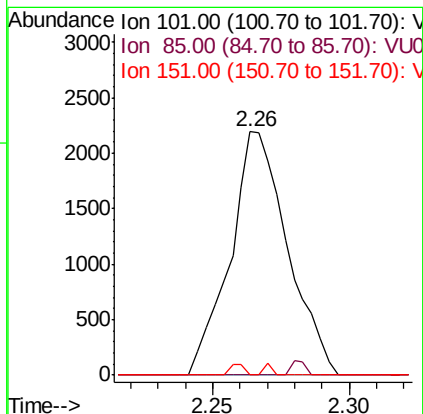
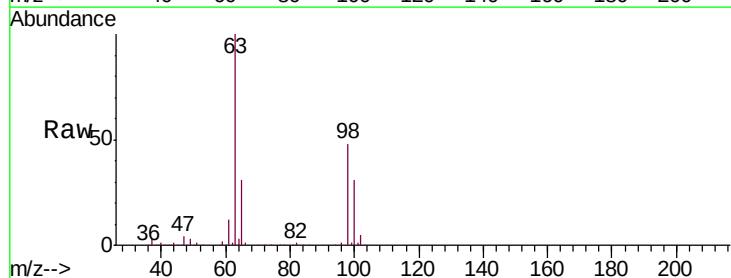
Tgt Ion:101 Resp: 7344
 Ion Ratio Lower Upper
 101 100
 103 69.2 50.8 76.2

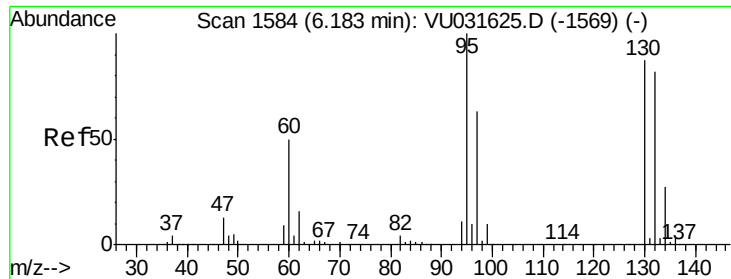


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.588 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VU031637.D
 Acq: 30 Apr 2019 16:29

Tgt Ion:101 Resp: 3196
 Ion Ratio Lower Upper
 101 100
 85 1.5 36.1 54.1#
 151 1.2 56.1 84.1#





#34

Trichloroethene

Concen: 65.819 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031637.D

Acq: 30 Apr 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

C0XD7DL

Tgt Ion: 95 Resp: 387098

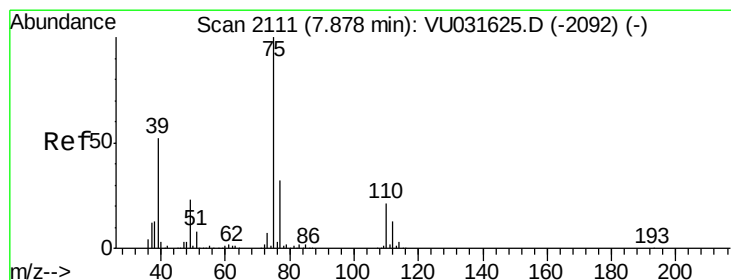
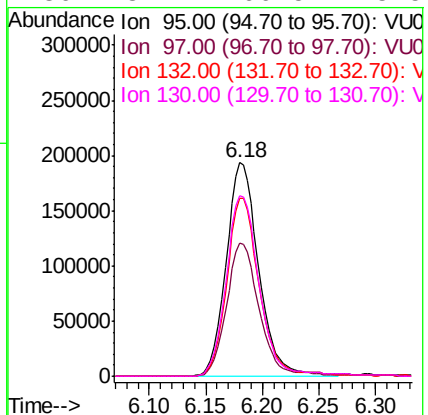
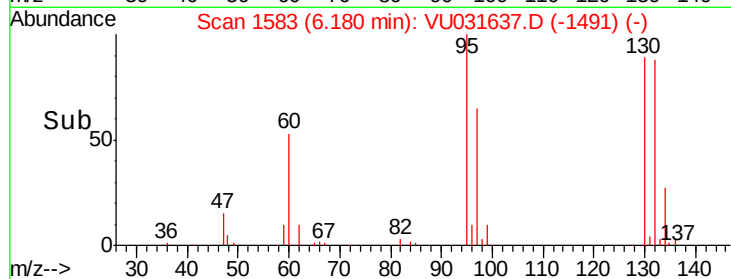
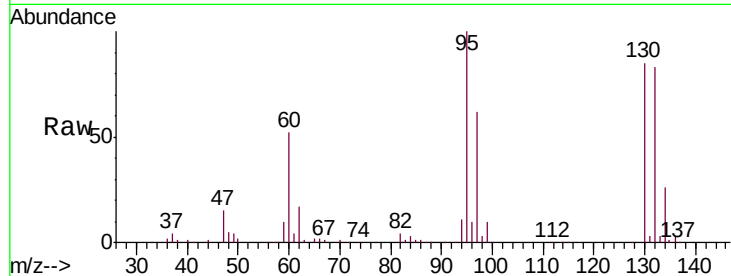
Ion Ratio Lower Upper

95 100

97 62.0 44.8 83.2

132 83.2 63.1 117.1

130 84.7 66.5 123.5



#44

trans-1,3-Dichloropropene

Concen: 0.734 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031637.D

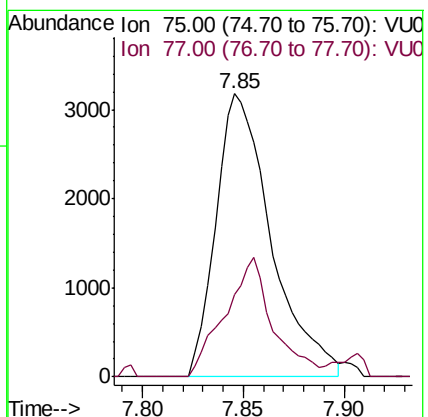
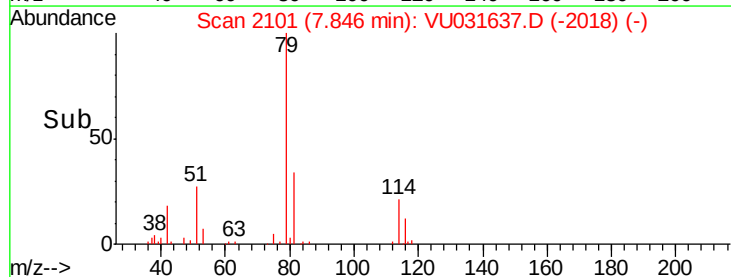
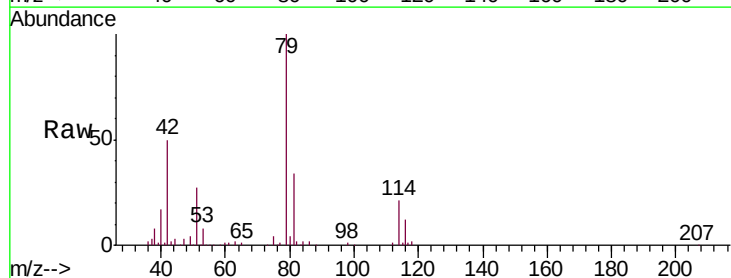
Acq: 30 Apr 2019 16:29

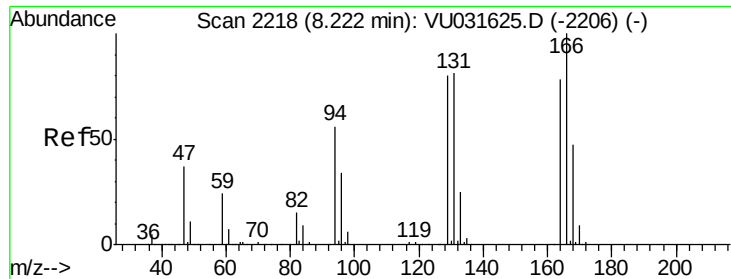
Tgt Ion: 75 Resp: 6057

Ion Ratio Lower Upper

75 100

77 29.0 22.1 41.1





#46

Tetrachloroethene

Concen: 1.884 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031637.D

Acq: 30 Apr 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

C0XD7DL

Tgt Ion:164 Resp: 7554

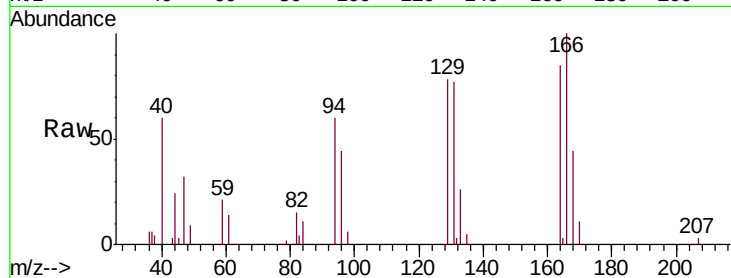
Ion Ratio Lower Upper

164 100

129 91.3 71.5 132.9

131 90.1 69.0 128.2

166 117.2 93.7 173.9



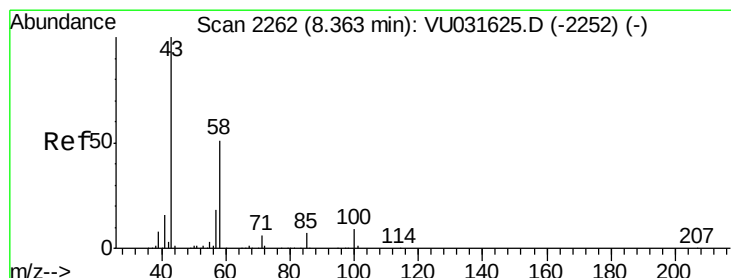
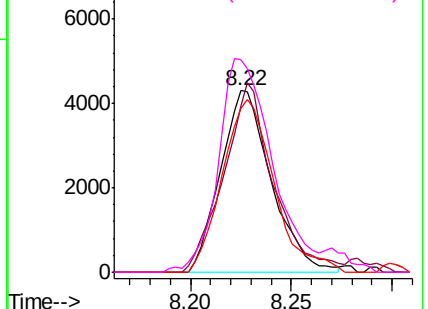
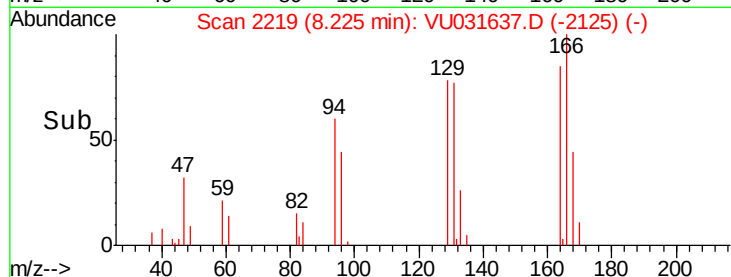
Abundance

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: 1.471 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031637.D

Acq: 30 Apr 2019 16:29

Tgt Ion: 43 Resp: 12606

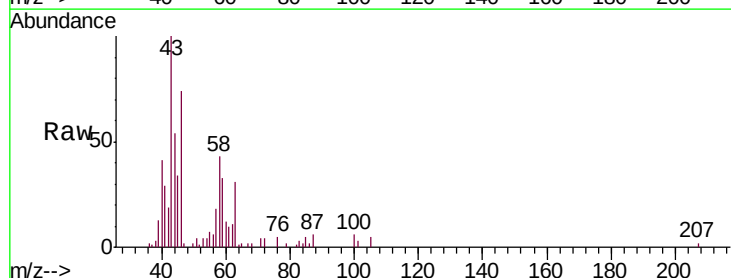
Ion Ratio Lower Upper

43 100

58 0.0 42.1 63.1#

57 0.0 14.6 22.0#

100 3.4 7.2 10.8#



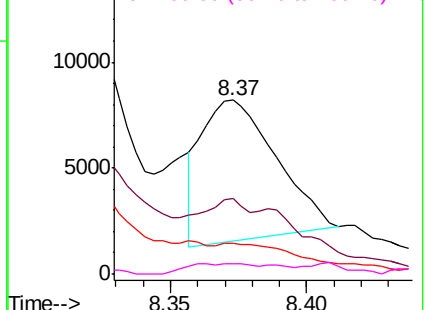
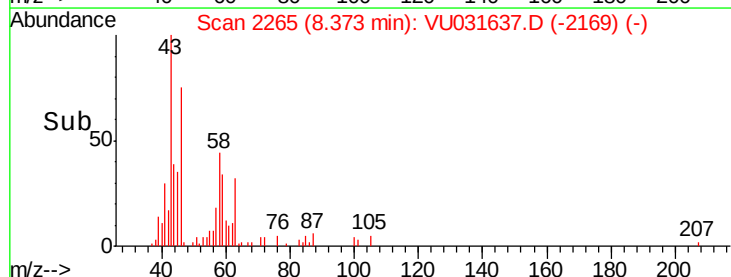
Abundance

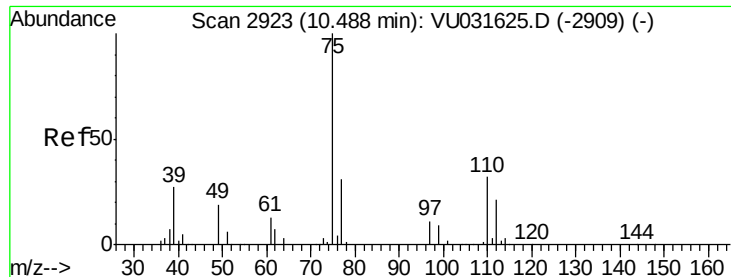
Ion 43.00 (42.70 to 43.70): VU0

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: 3.928 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031637.D

Acq: 30 Apr 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

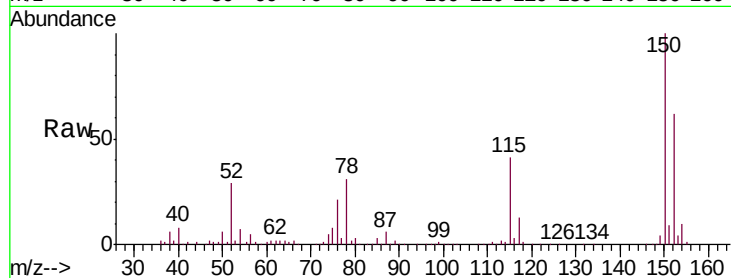
C0XD7DL

Tgt Ion: 75 Resp: 32081

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

