

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029927.D
 Acq On : 09 Mar 2019 18:02
 Operator : JC/SP
 Sample : K1789-21
 Misc : 5.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q4

Quant Time: Mar 11 02:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	567119	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	568560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	303435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146233	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.69	69	86	0.03	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.30	63	337	0.05	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	4.19	46	223013	83.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.19%
24) Chloroform-d	4.64	84	263175	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.30	65	161585	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
32) Benzene-d6	5.33	84	576364	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
36) 1,2-Dichloropropane-d6	6.32	67	172599	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.66%
41) Toluene-d8	7.56	98	542060	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#
43) trans-1,3-Dichloropropene-	7.85	79	81158	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
47) 2-Hexanone-d5	8.32	63	211640	91.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299741	44.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	243591	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%

Target Compounds

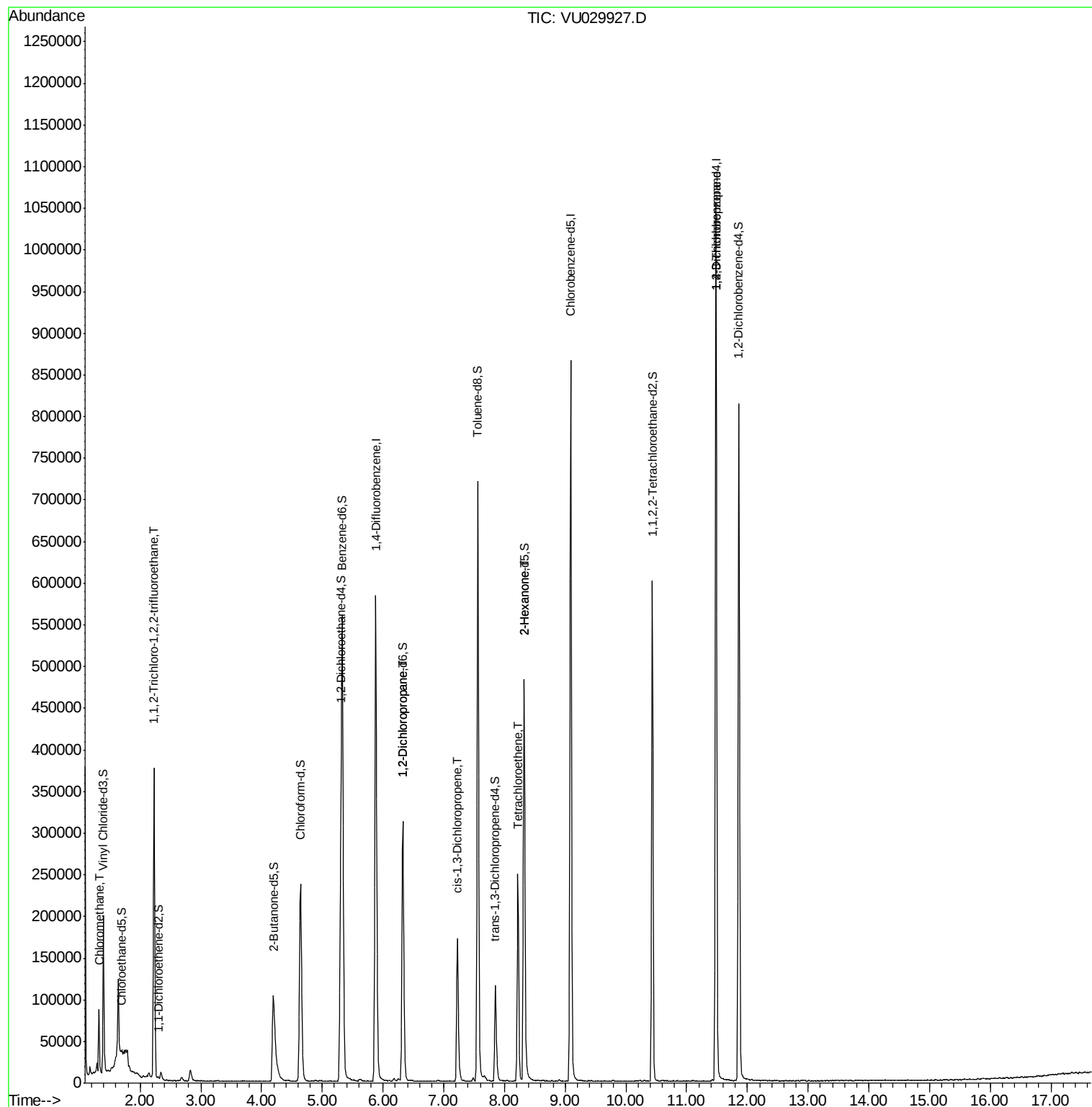
					Qvalue
3) Chloromethane	1.32	50	56559	9.880	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2223	0.615	ug/L # 24
37) 1,2-Dichloropropane	6.32	63	17265	4.362	ug/L # 87
39) cis-1,3-Dichloropropene	7.23	75	4453	0.739	ug/L # 51
46) Tetrachloroethene	8.22	164	61923	17.565	ug/L 95
48) 2-Hexanone	8.32	43	21653	4.853	ug/L # 62
59) 1,2,3-Trichloropropane	11.48	75	29818	5.683	ug/L 95

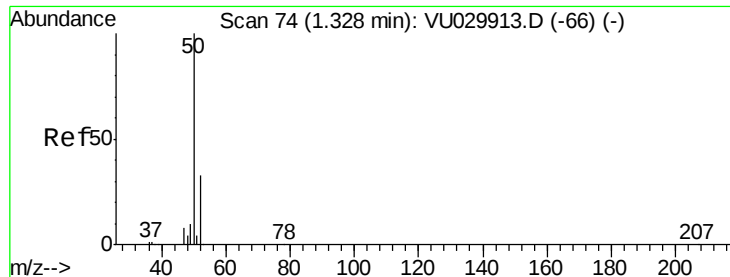
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 9.880 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

Instrument :

MSVOA_U

ClientSampled :

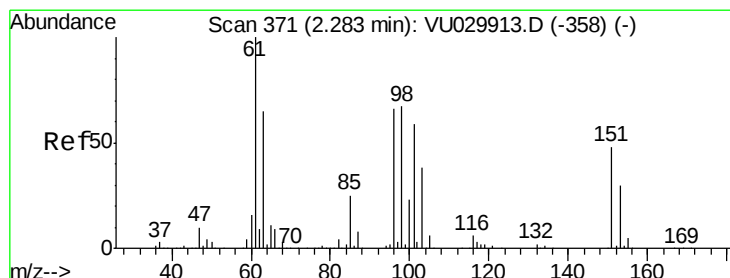
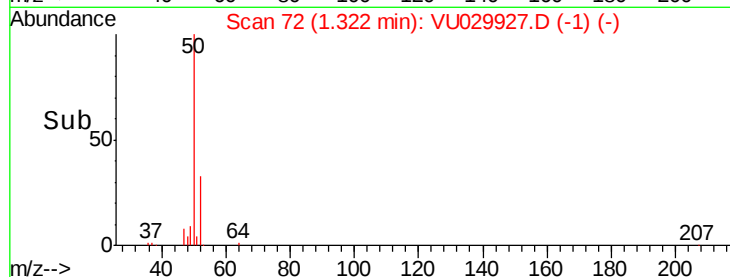
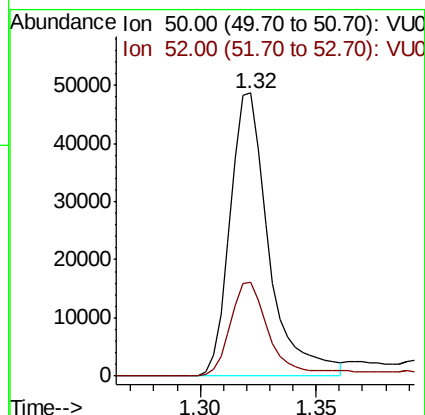
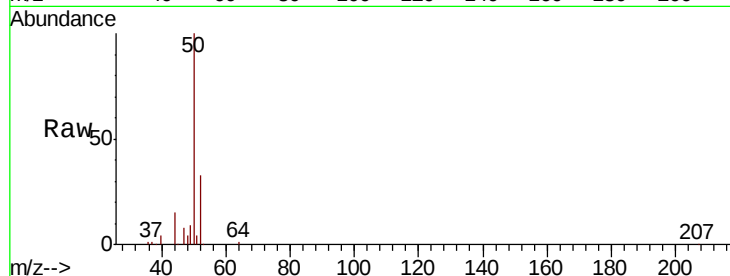
BF0Q4

Tgt Ion: 50 Resp: 56559

Ion Ratio Lower Upper

50 100

52 33.1 23.1 42.9



#10

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

Concen: 0.615 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

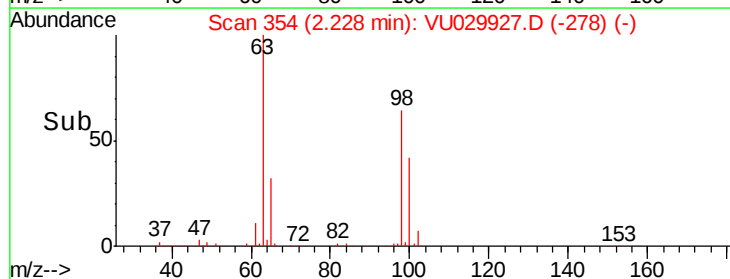
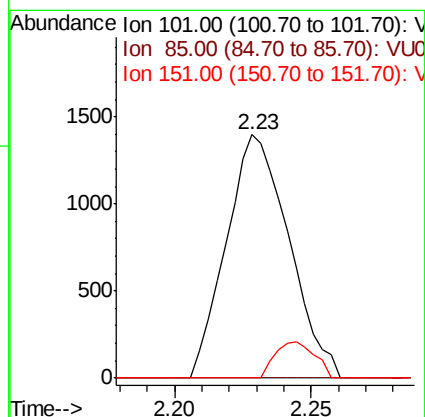
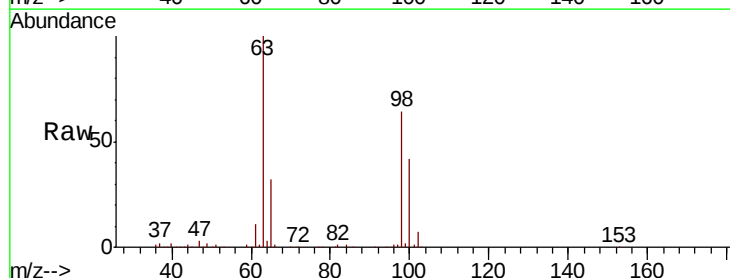
Tgt Ion: 101 Resp: 2223

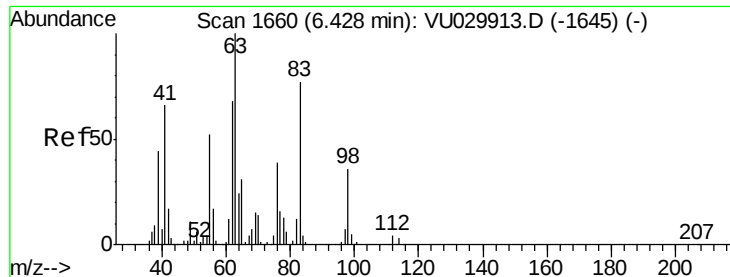
Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 9.4 65.8 98.6#

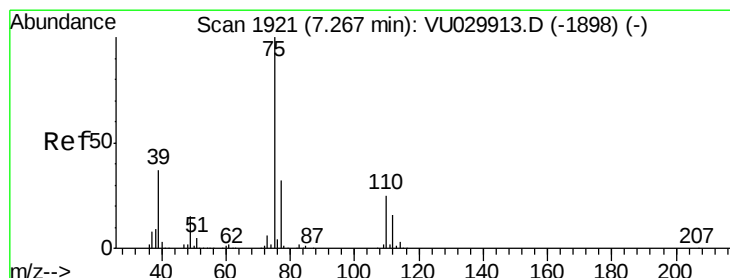
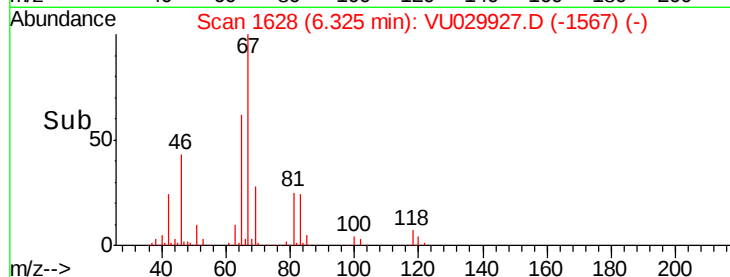
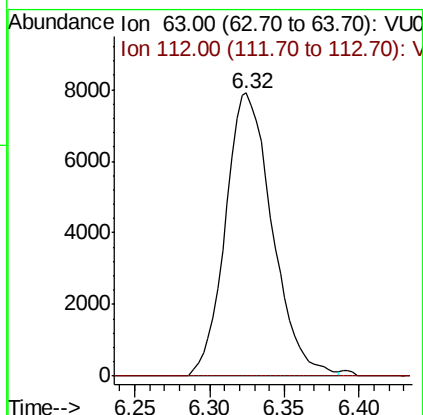
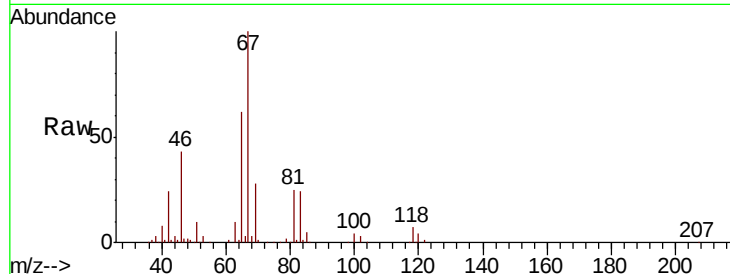




#37
 1,2-Dichloropropane
 Concen: 4.362 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU029927.D
 Acq: 09 Mar 2019 18:02

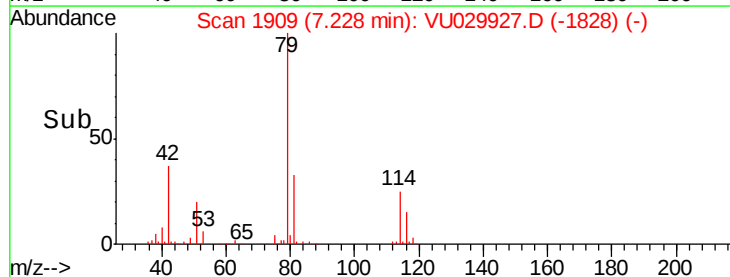
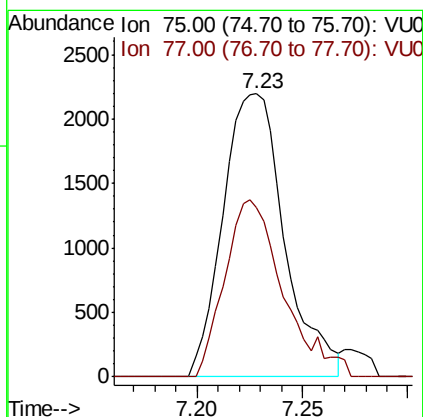
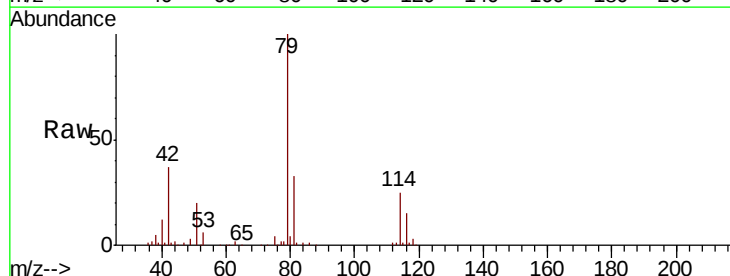
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q4

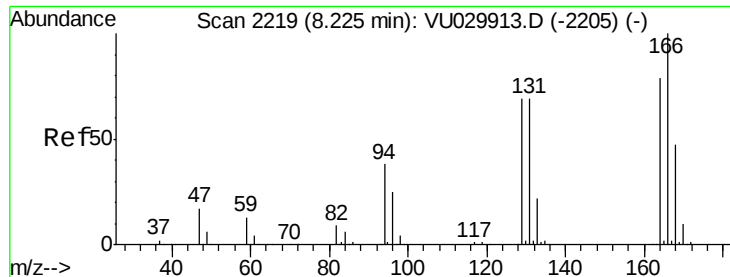
Tgt Ion: 63 Resp: 17265
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.739 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029927.D
 Acq: 09 Mar 2019 18:02

Tgt Ion: 75 Resp: 4453
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.5 41.9#





#46

Tetrachloroethene

Concen: 17.565 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

BF0Q4

Tgt Ion:164 Resp: 61923

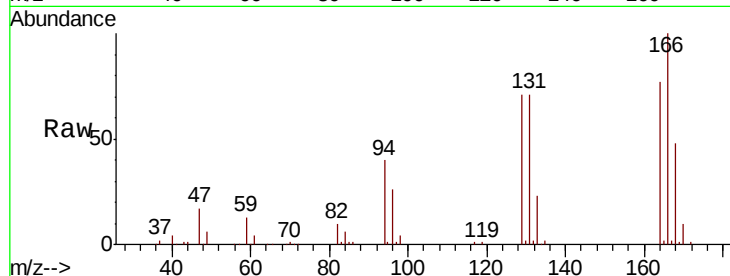
Ion Ratio Lower Upper

164 100

129 93.0 61.0 113.2

131 92.1 60.5 112.3

166 130.2 88.3 163.9

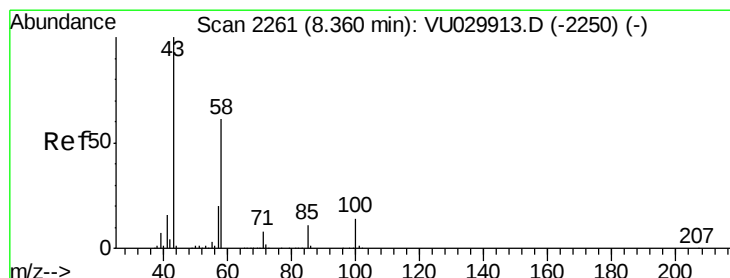
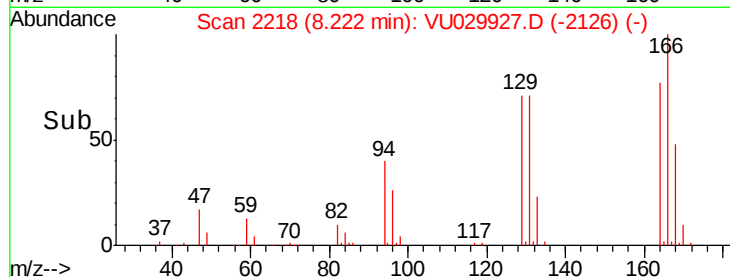
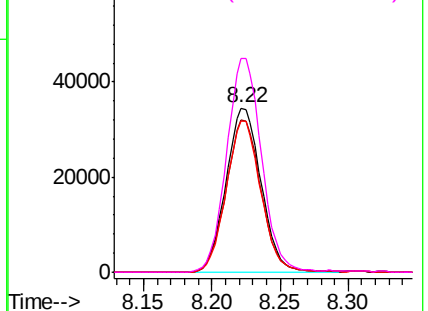


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.853 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

Tgt Ion: 43 Resp: 21653

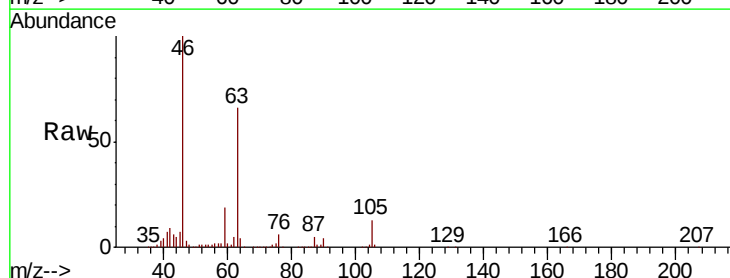
Ion Ratio Lower Upper

43 100

58 24.3 49.2 73.8#

57 25.7 16.6 25.0#

100 0.0 11.4 17.0#

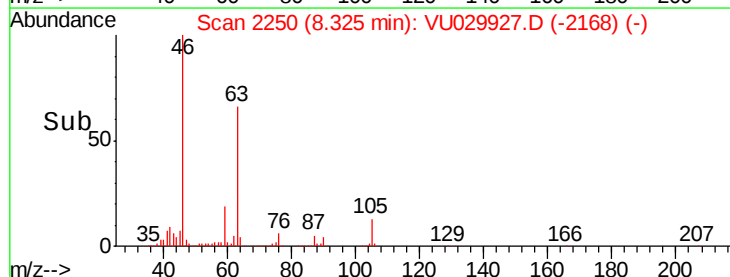
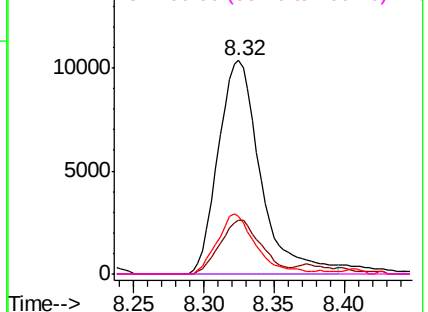


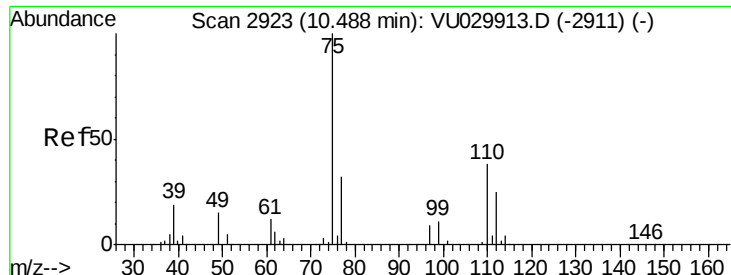
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.683 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

BF0Q4

Tgt Ion: 75 Resp: 29818

Ion Ratio Lower Upper

75 100

77 35.6 26.1 39.1

