

Data File : VU030071.D
Acq On : 14 Mar 2019 14:02
Operator : JC/SP
Sample : K1885-14DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B3DL

Quant Time: Mar 15 01:26:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452849	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152162	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.26%
7) Chloroethane-d5	1.68	69	123069	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.46%
11) 1,1-Dichloroethene-d2	2.27	63	205298	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
21) 2-Butanone-d5	4.17	46	212785	92.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.64%
24) Chloroform-d	4.65	84	256709	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.31	65	151943	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.34	84	567402	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.33	67	171227	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.56	98	514080	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	78108	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.31	63	181978	91.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	247926	45.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	201435	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

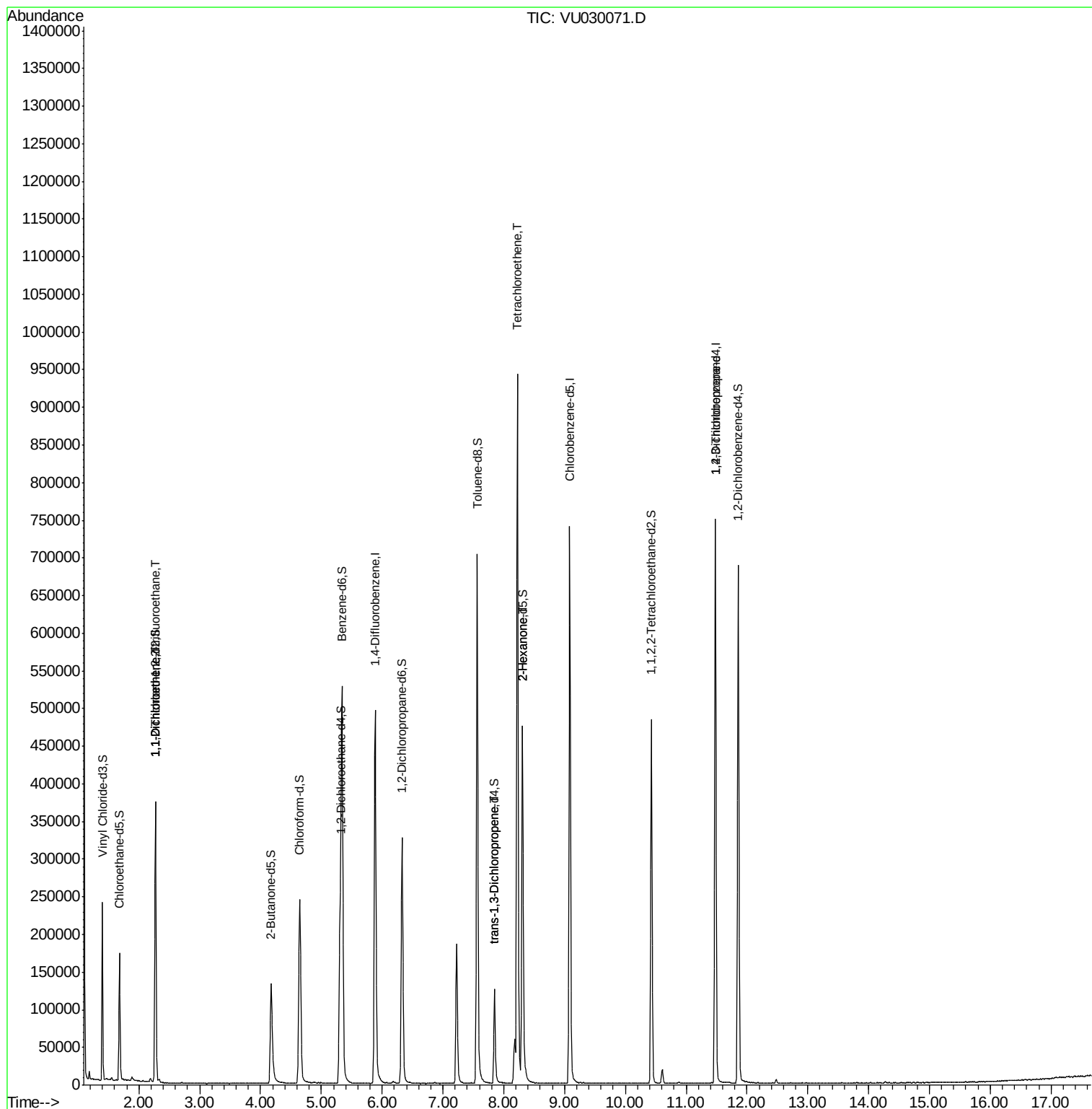
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2315	0.760	ug/L #	26
12) 1,1-Dichloroethene	2.27	96	2163	0.745	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3145	0.649	ug/L	86
46) Tetrachloroethene	8.22	164	232522	78.233	ug/L	99
48) 2-Hexanone	8.31	43	17726	4.515	ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	21806	4.912	ug/L	95

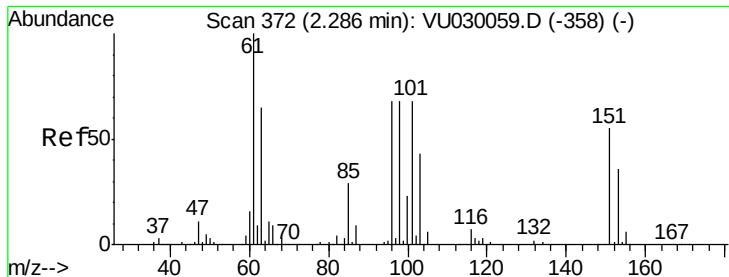
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.760 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

BF1B3DL

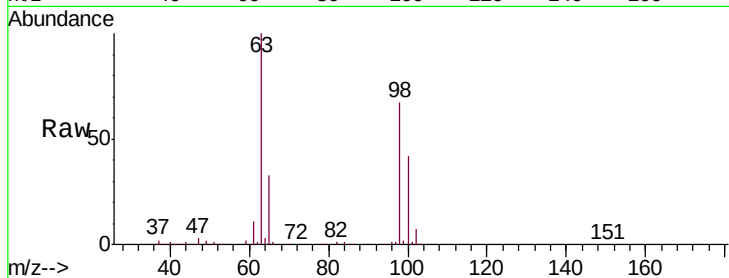
Tgt Ion: 101 Resp: 2315

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

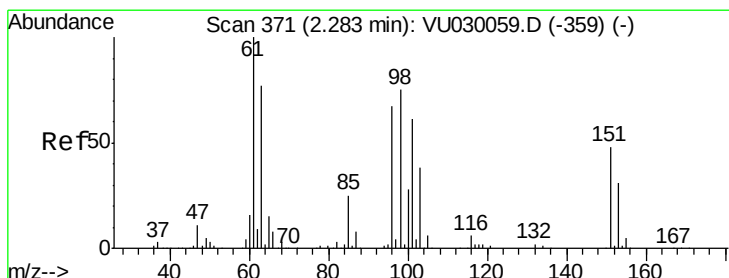
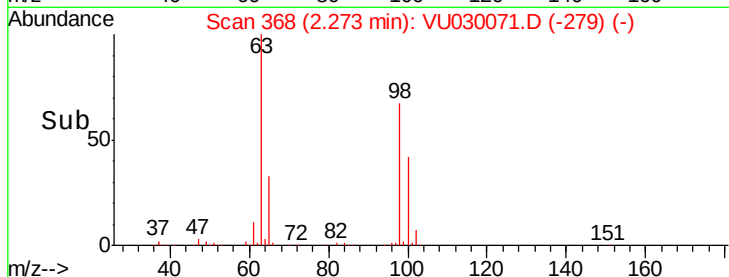
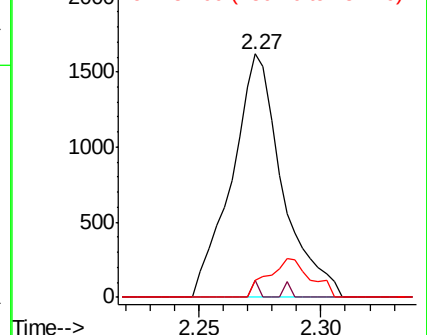
151 12.3 66.1 99.1#



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: 0.745 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030071.D

Acq: 14 Mar 2019 14:02

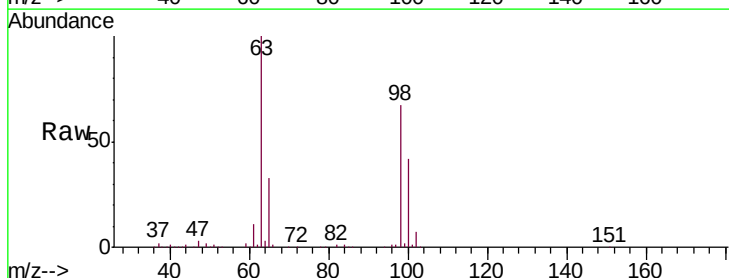
Tgt Ion: 96 Resp: 2163

Ion Ratio Lower Upper

96 100

61 1155.8 110.4 205.0#

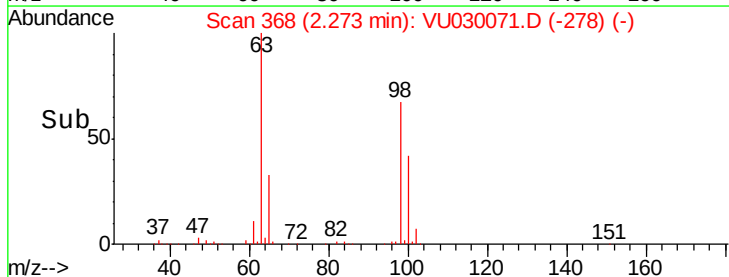
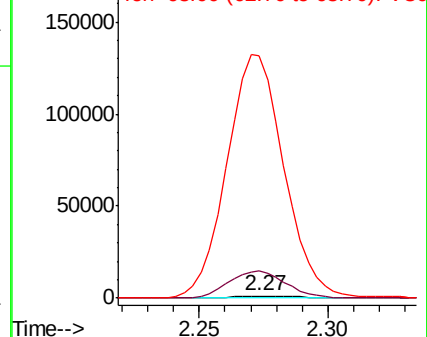
63 10493.6 86.5 160.7#

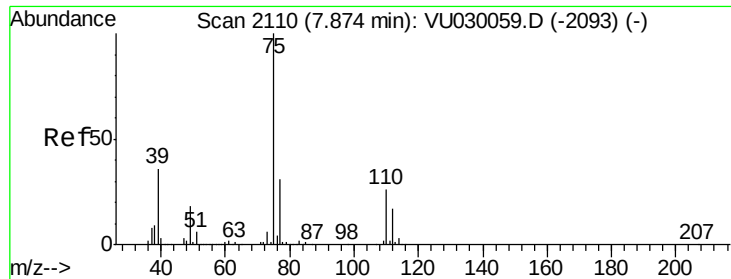


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030071.D

Acq: 14 Mar 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

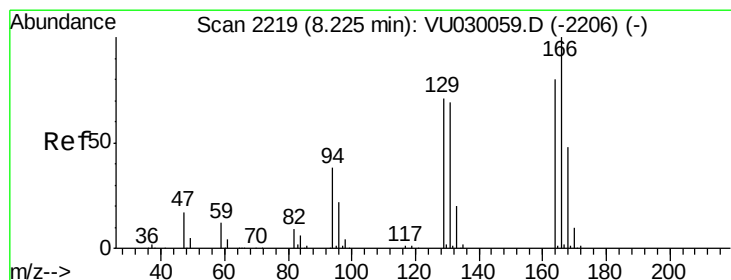
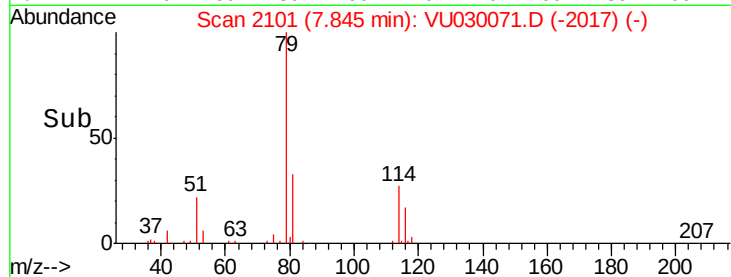
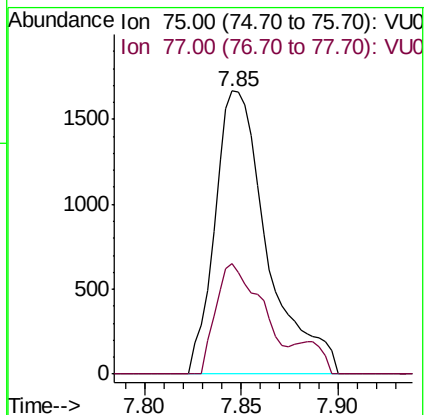
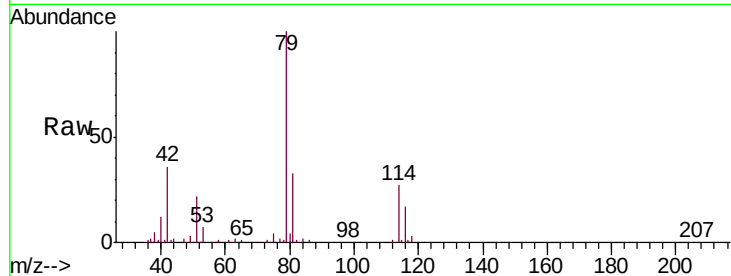
BF1B3DL

Tgt Ion: 75 Resp: 3145

Ion Ratio Lower Upper

75 100

77 38.9 21.9 40.7



#46

Tetrachloroethene

Concen: 78.233 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030071.D

Acq: 14 Mar 2019 14:02

Tgt Ion: 164 Resp: 232522

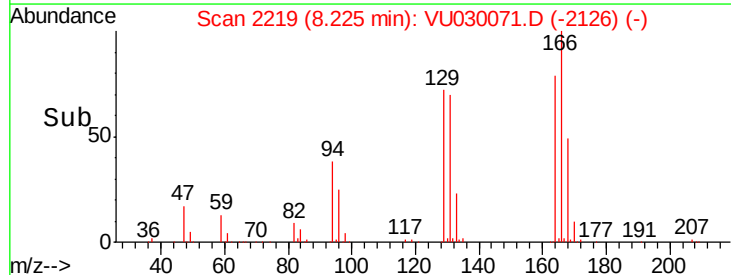
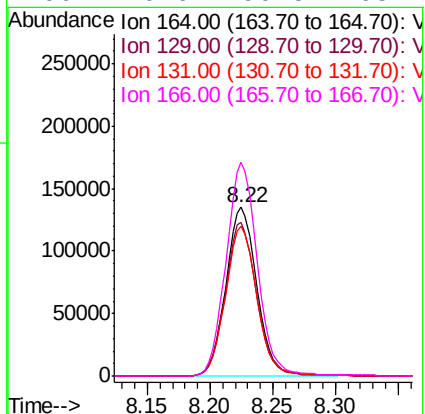
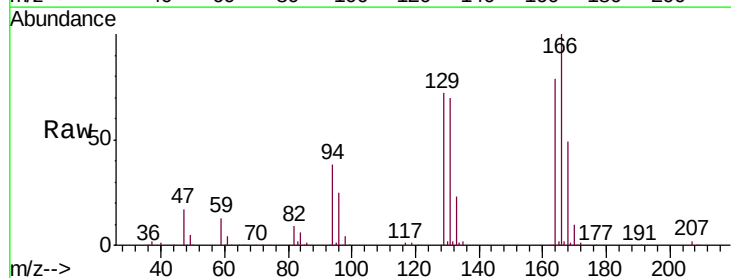
Ion Ratio Lower Upper

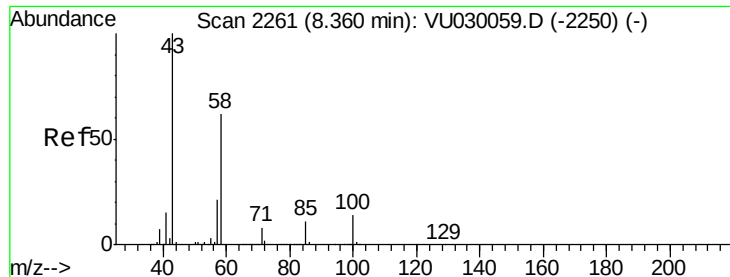
164 100

129 91.0 63.3 117.7

131 88.8 62.0 115.2

166 126.6 90.5 168.1

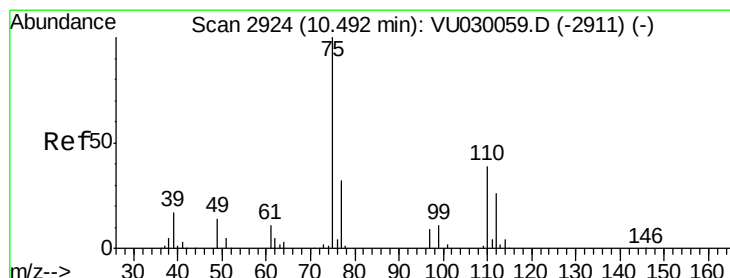
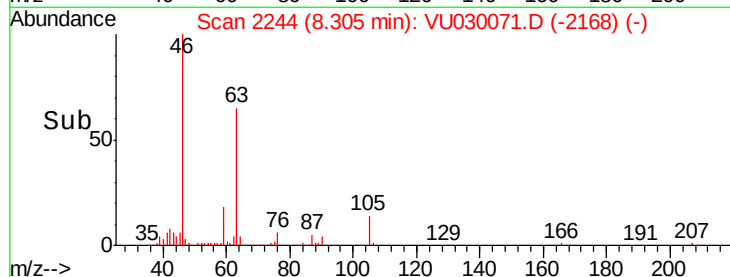
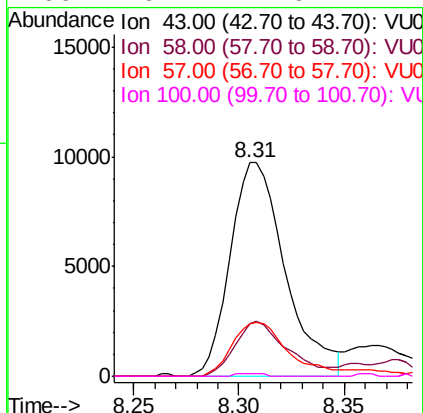
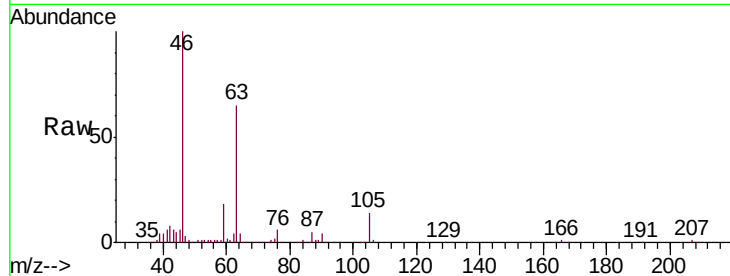




#48
2-Hexanone
Concen: 4.515 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030071.D
Acq: 14 Mar 2019 14:02

Instrument :
MSVOA_U
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BF1B3DL

Tgt Ion: 43 Resp: 17726
Ion Ratio Lower Upper
43 100
58 23.8 48.6 72.8#
57 25.3 16.1 24.1#
100 0.7 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 4.912 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030071.D
Acq: 14 Mar 2019 14:02

Tgt Ion: 75 Resp: 21806
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.8

