

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030024.D
 Acq On : 13 Mar 2019 12:27
 Operator : JC/SP
 Sample : K1838-09
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S5

Quant Time: Mar 14 01:39:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	514580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	283535	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130879	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.90%
7) Chloroethane-d5	1.64	69	64023	23.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.60%#
11) 1,1-Dichloroethene-d2	2.24	63	186016	30.28	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.56%
21) 2-Butanone-d5	4.19	46	218303	85.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	4.64	84	247438	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
26) 1,2-Dichloroethane-d4	5.30	65	149414	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.33	84	534878	39.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.22%
36) 1,2-Dichloropropane-d6	6.32	67	167462	40.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.04%
41) Toluene-d8	7.56	98	497577	39.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.70%#
43) trans-1,3-Dichloropropene-	7.85	79	78801	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.72%
47) 2-Hexanone-d5	8.32	63	212336	91.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294016	46.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	236072	42.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.96%

Target Compounds

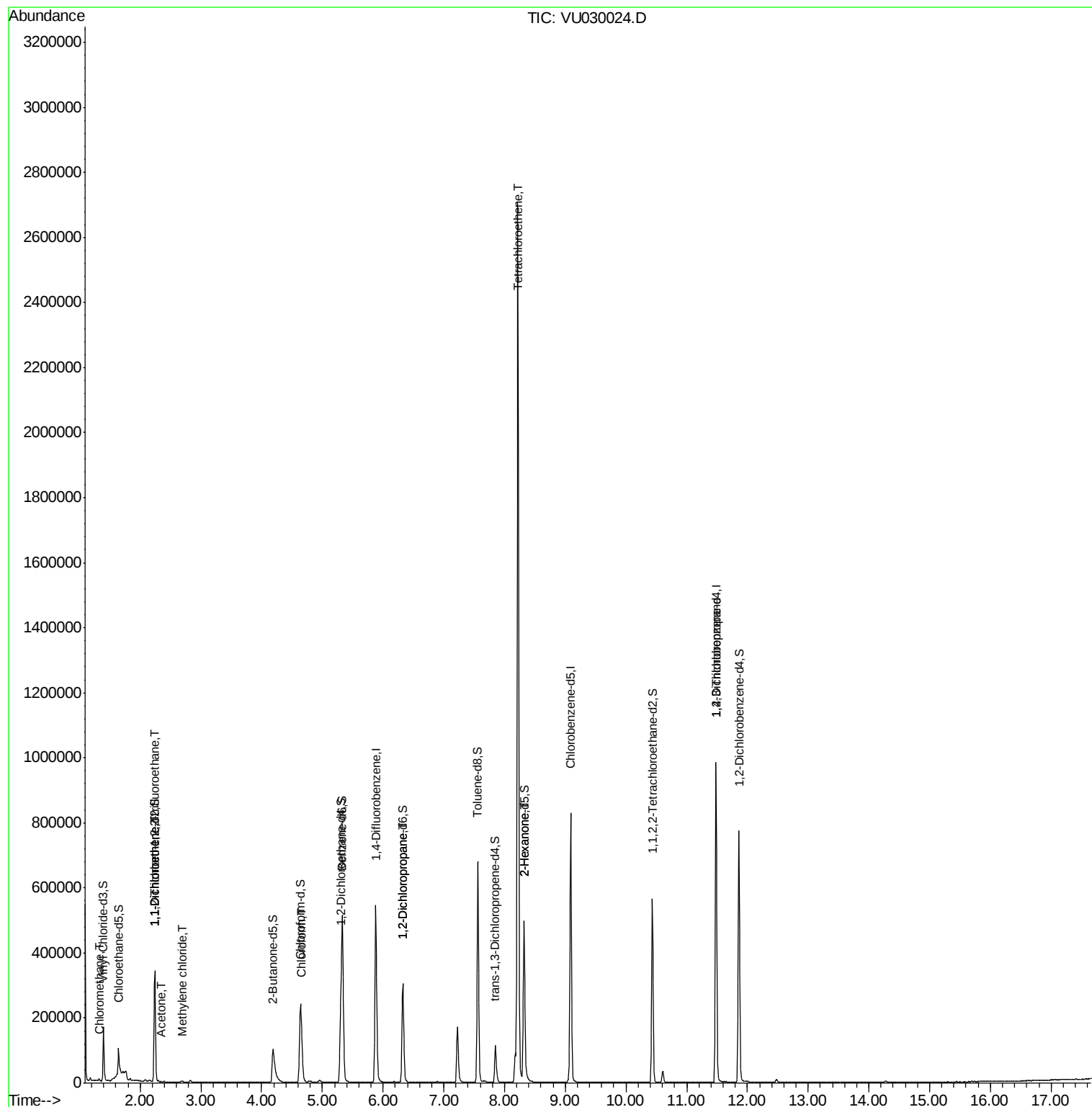
					Qvalue
3) Chloromethane	1.32	50	4423	1.233 ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2203	0.652 ug/L #	22
12) 1,1-Dichloroethene	2.25	96	2734	0.848 ug/L #	1
13) Acetone	2.34	43	1976	0.663 ug/L	91
16) Methylene chloride	2.69	84	2198	0.577 ug/L	89
25) Chloroform	4.67	83	47157	7.450 ug/L	95
37) 1,2-Dichloropropane	6.32	63	16092	4.076 ug/L #	87
46) Tetrachloroethene	8.22	164	654176	190.011 ug/L	99
48) 2-Hexanone	8.32	43	20092	4.418 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	30209	5.875 ug/L	97

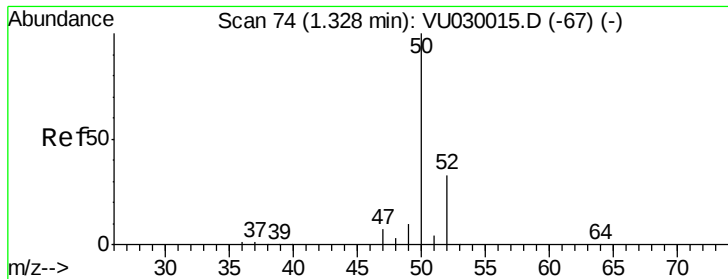
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.233 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030024.D

Acq: 13 Mar 2019 12:27

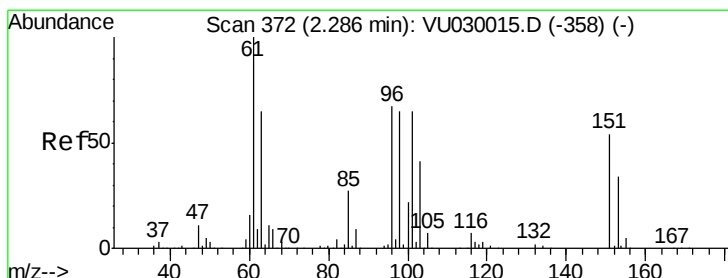
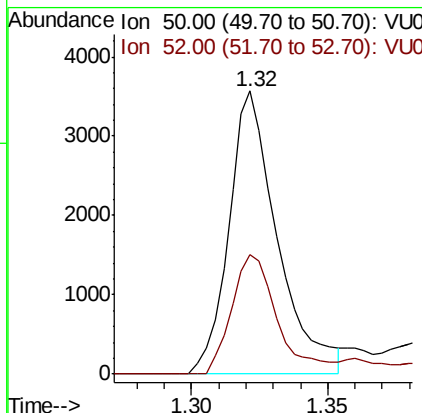
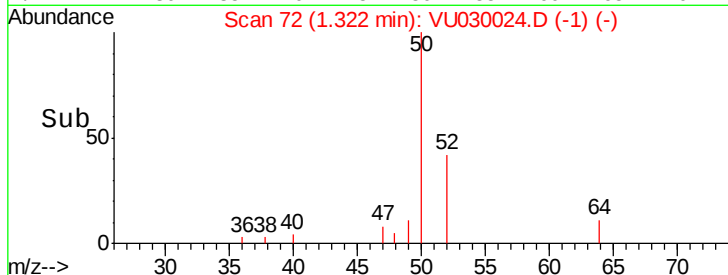
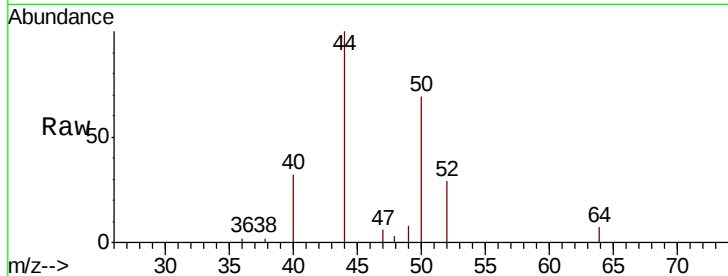
Instrument :
MSVOA_U
ClientSampleId :
BF0S5

Tgt Ion: 50 Resp: 4423

Ion Ratio Lower Upper

50 100

52 42.2 23.4 43.6



#10

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

Concen: 0.652 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030024.D

Acq: 13 Mar 2019 12:27

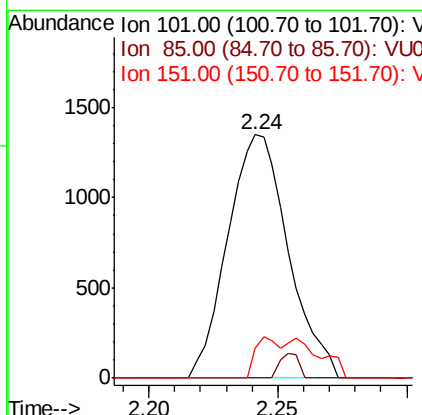
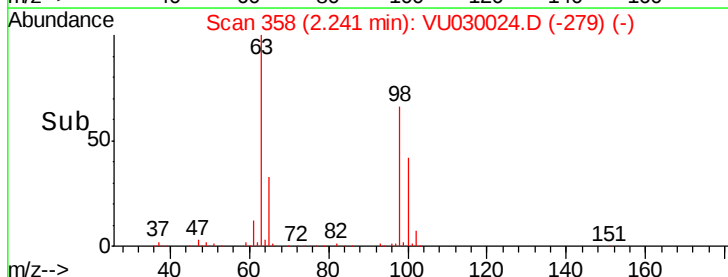
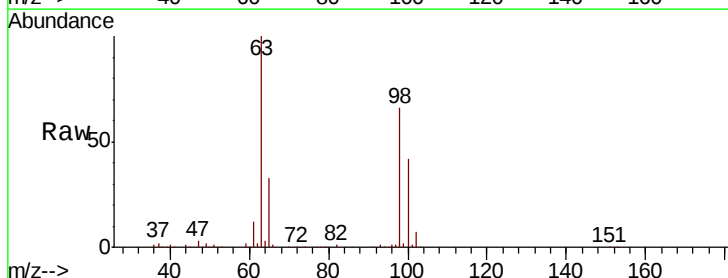
Tgt Ion: 101 Resp: 2203

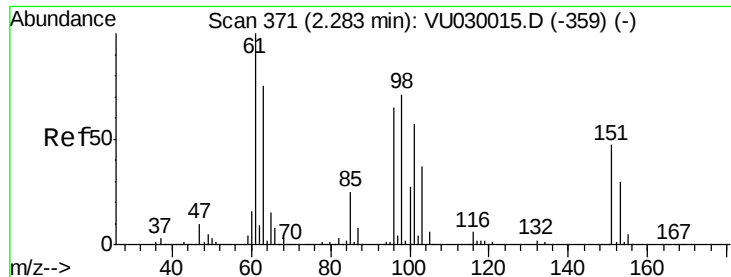
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 6.7 66.1 99.1#





#12

1,1-Dichloroethene

Concen: 0.848 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.04 min

Lab File: VU030024.D

Acq: 13 Mar 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

BF0S5

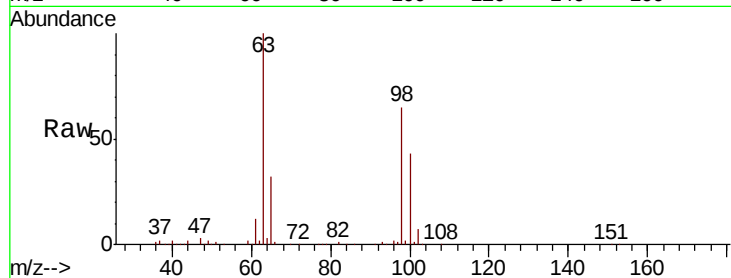
Tgt Ion: 96 Resp: 2734

Ion Ratio Lower Upper

96 100

61 775.9 110.4 205.0#

63 6334.4 86.5 160.7#

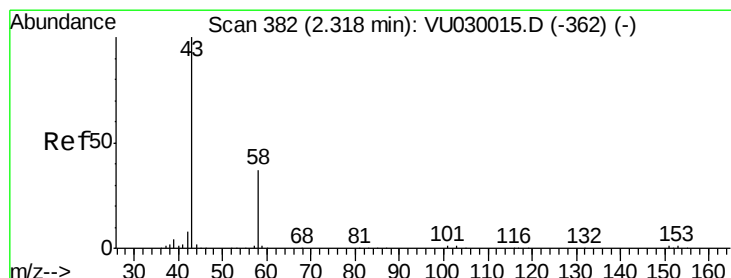
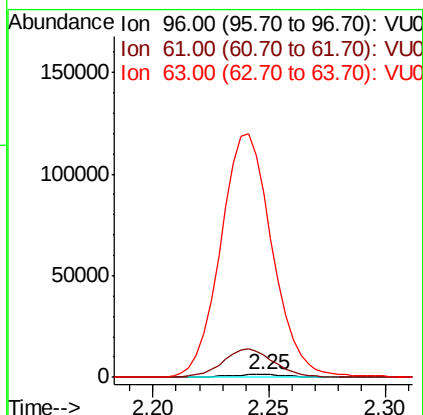
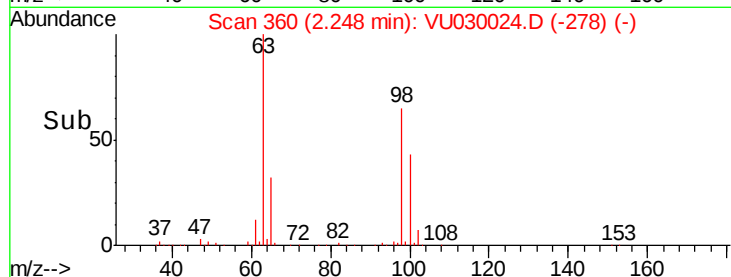


Abundance Ion 96.00 (95.70 to 96.70): VU030015.D (-359) (-)

Ion 61.00 (60.70 to 61.70): VU030015.D (-359) (-)

Ion 63.00 (62.70 to 63.70): VU030015.D (-359) (-)

Time-->



#13

Acetone

Concen: 0.663 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU030024.D

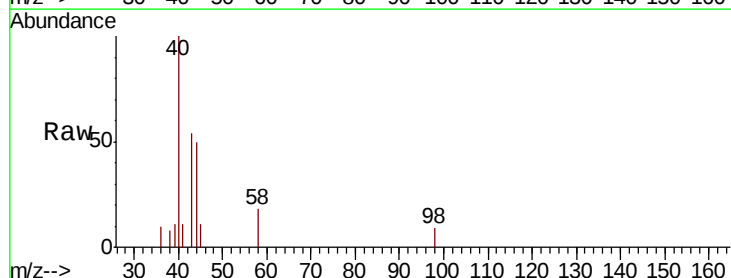
Acq: 13 Mar 2019 12:27

Tgt Ion: 43 Resp: 1976

Ion Ratio Lower Upper

43 100

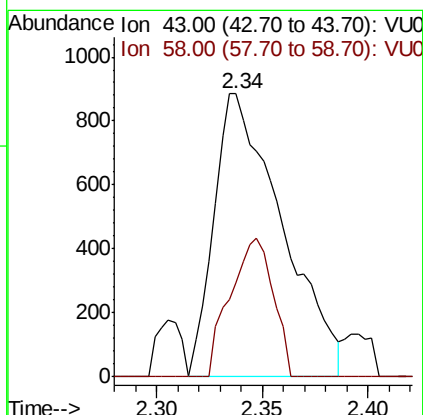
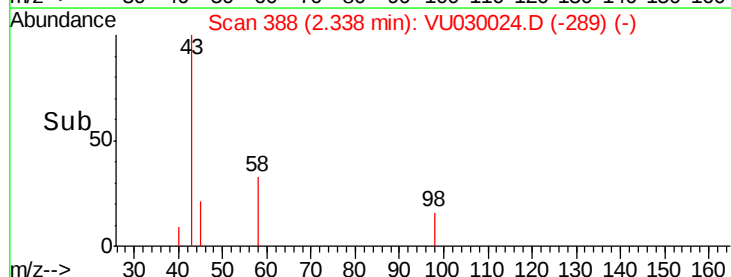
58 31.0 0.0 73.0

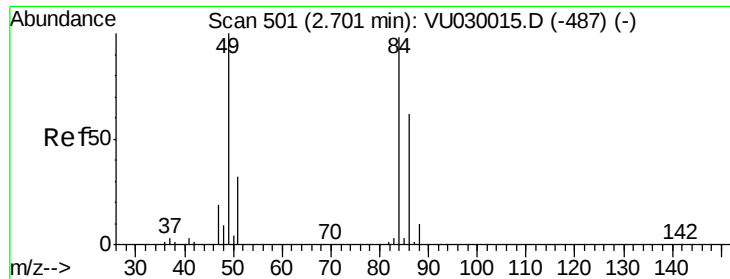


Abundance Ion 43.00 (42.70 to 43.70): VU030015.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030015.D (-362) (-)

Time-->

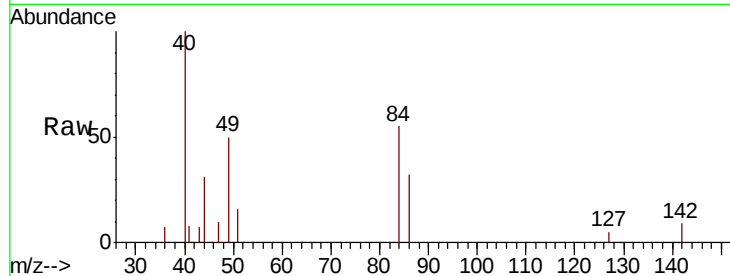




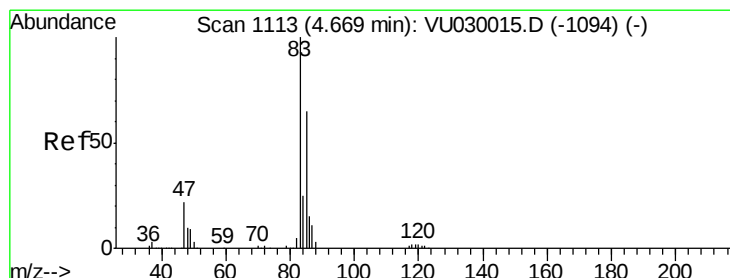
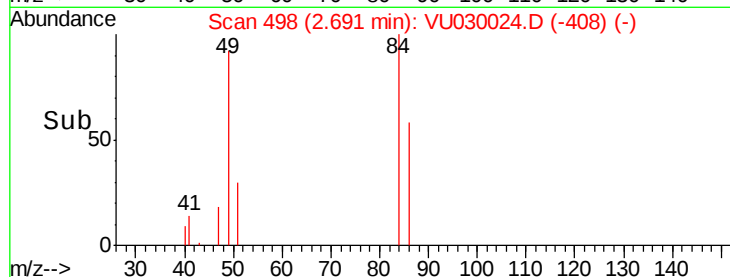
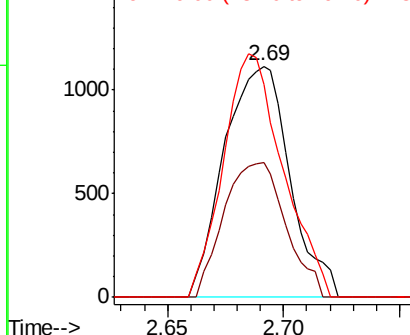
#16
Methylene chloride
Concen: 0.577 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU030024.D
Acq: 13 Mar 2019 12:27

Instrument :
MSVOA_U
ClientSampleId :
BF0S5

Tgt Ion: 84 Resp: 2198
Ion Ratio Lower Upper
84 100
86 58.3 45.2 84.0
49 91.9 73.6 136.6

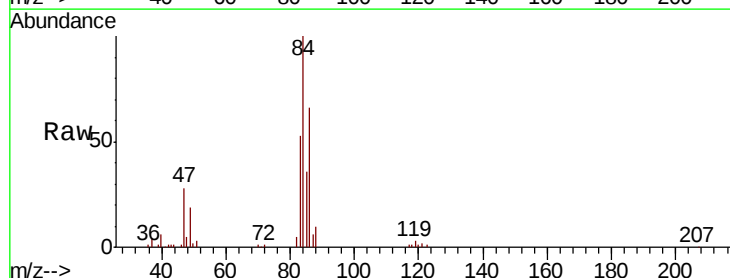


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

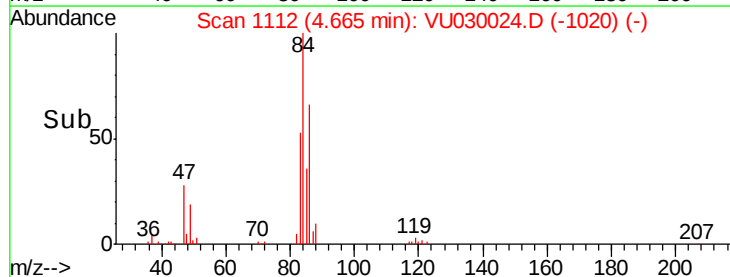
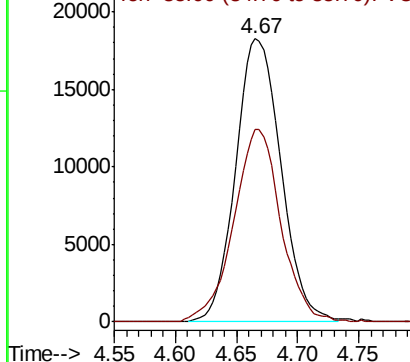


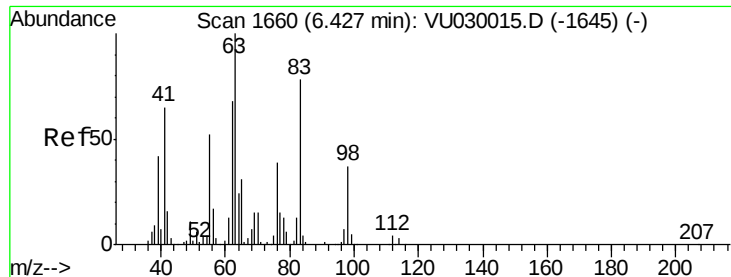
#25
Chloroform
Concen: 7.450 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030024.D
Acq: 13 Mar 2019 12:27

Tgt Ion: 83 Resp: 47157
Ion Ratio Lower Upper
83 100
85 67.9 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

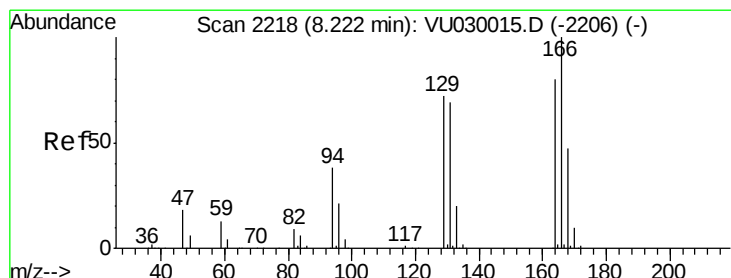
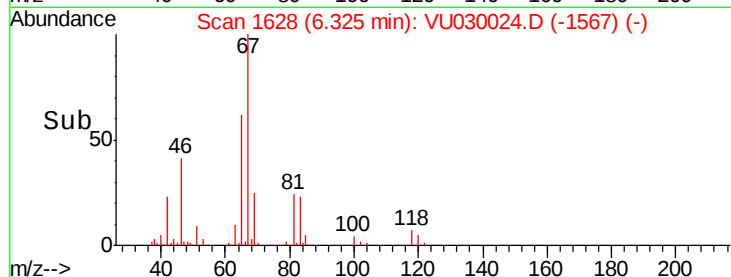
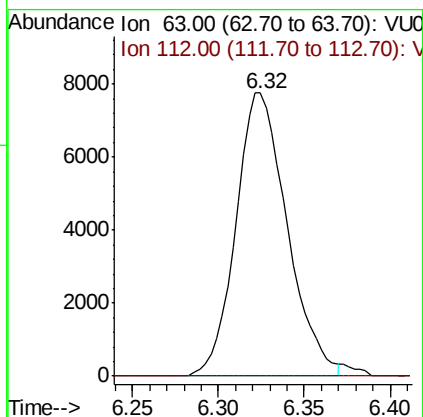
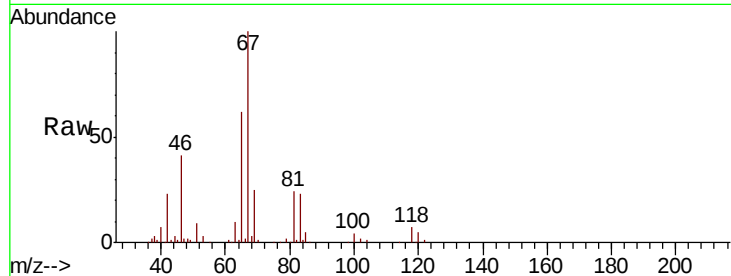




#37
 1,2-Dichloropropane
 Concen: 4.076 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU030024.D
 Acq: 13 Mar 2019 12:27

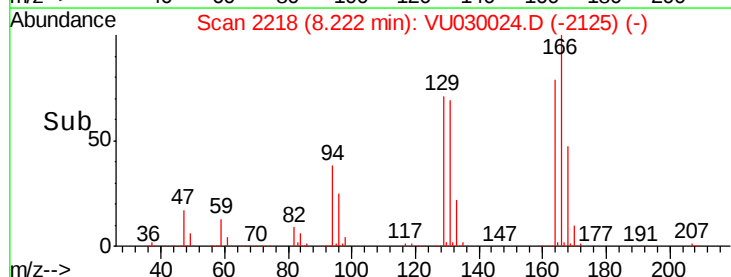
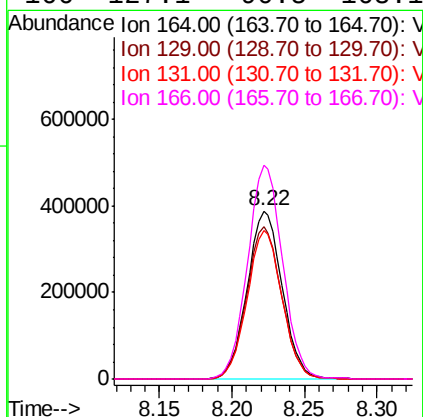
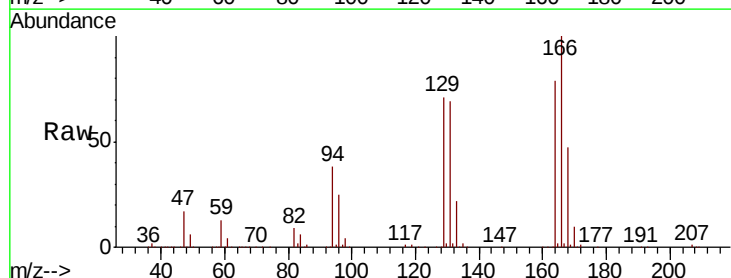
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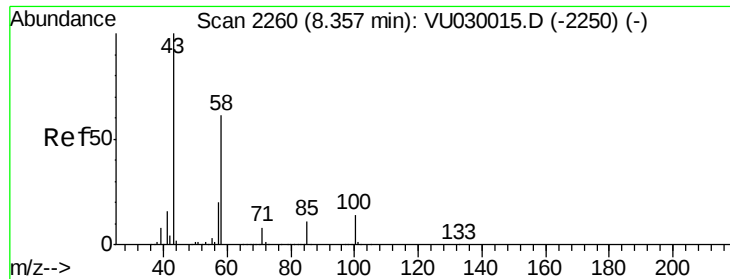
Tgt Ion: 63 Resp: 16092
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 190.011 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU030024.D
 Acq: 13 Mar 2019 12:27

Tgt Ion: 164 Resp: 654176
 Ion Ratio Lower Upper
 164 100
 129 90.4 63.3 117.7
 131 88.3 62.0 115.2
 166 127.1 90.5 168.1

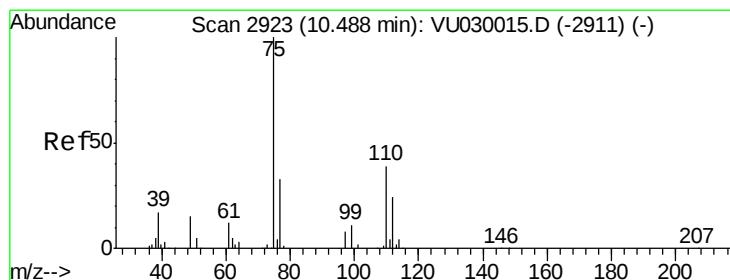
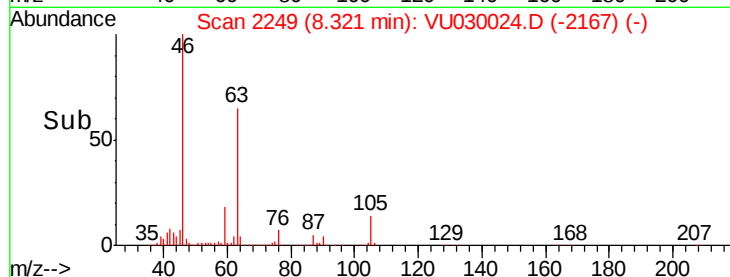
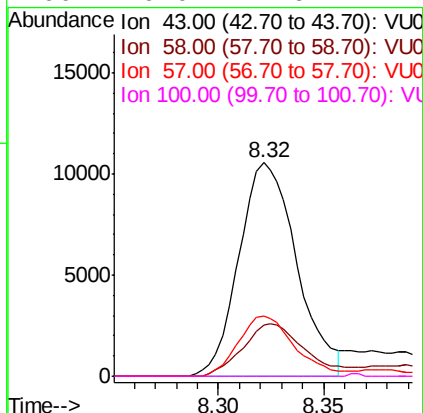
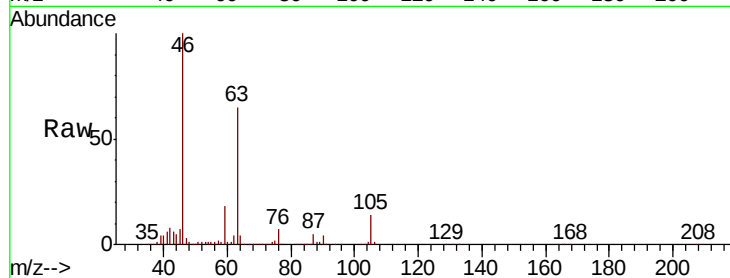




#48
2-Hexanone
Concen: 4.418 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030024.D
Acq: 13 Mar 2019 12:27

Instrument :
MSVOA_U
ClientSampleId :
BF0S5

Tgt Ion: 43 Resp: 20092
Ion Ratio Lower Upper
43 100
58 26.9 48.6 72.8#
57 27.5 16.1 24.1#
100 0.0 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.875 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030024.D
Acq: 13 Mar 2019 12:27

Tgt Ion: 75 Resp: 30209
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8

