

Data File : VU030247.D
Acq On : 21 Mar 2019 00:44
Operator : JC/SP
Sample : K2017-04
Misc : 6.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0D7

Quant Time: Mar 22 01:35:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	575233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	571491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	303581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131699	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.72%
7) Chloroethane-d5	1.64	69	64507	20.74	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.48%#
11) 1,1-Dichloroethene-d2	2.22	63	189907	26.76	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.52%#
21) 2-Butanone-d5	4.19	46	254571	88.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	4.64	84	282252	39.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.08%
26) 1,2-Dichloroethane-d4	5.30	65	170455	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
32) Benzene-d6	5.33	84	604325	40.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
36) 1,2-Dichloropropane-d6	6.32	67	194733	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.58%
41) Toluene-d8	7.56	98	548456	38.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.46%#
43) trans-1,3-Dichloropropene-	7.85	79	85814	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
47) 2-Hexanone-d5	8.32	63	228009	94.36	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332074	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	259115	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%

Target Compounds

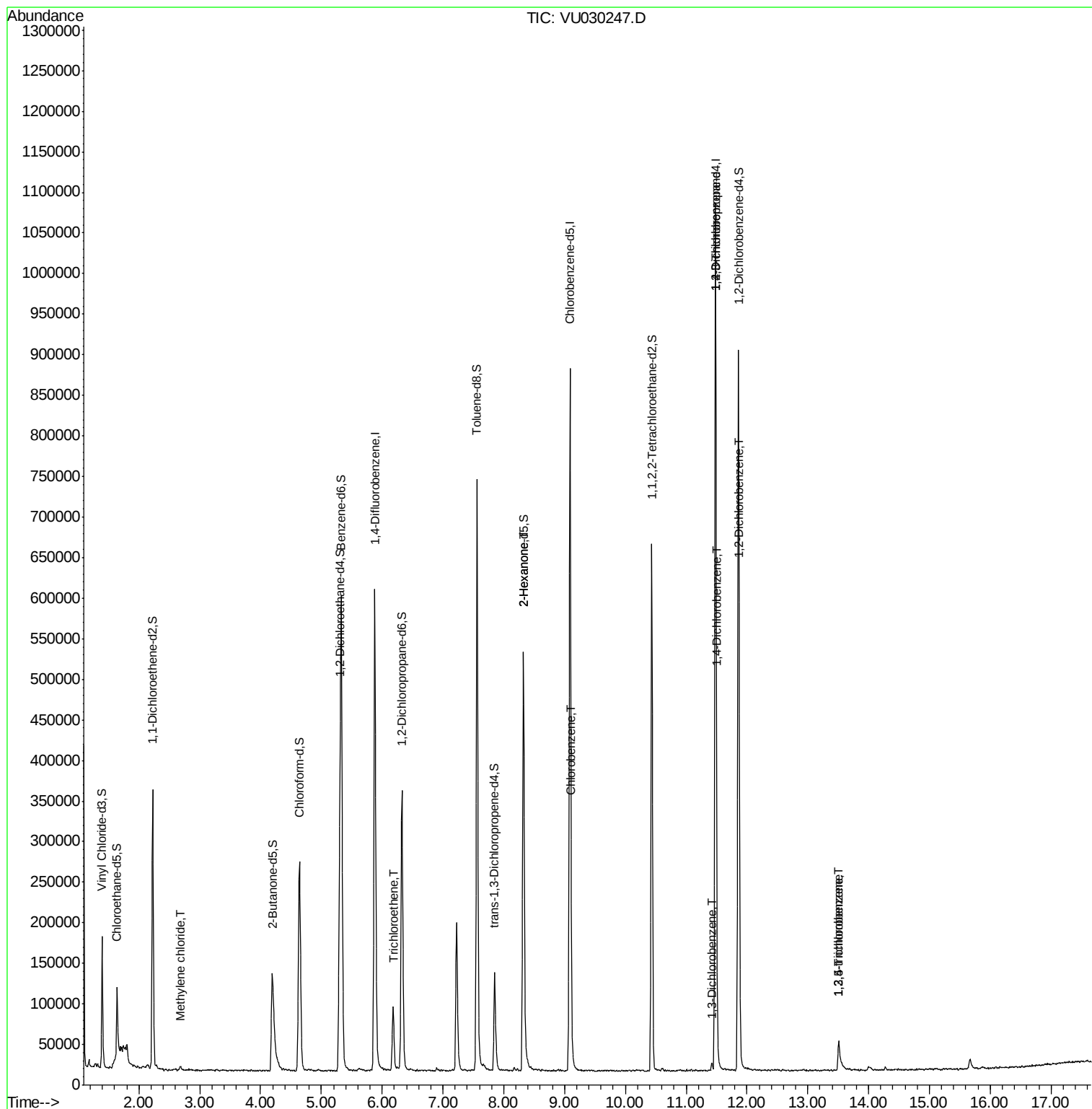
					Qvalue
16) Methylene chloride	2.68	84	2467	0.567 ug/L	89
34) Trichloroethene	6.18	95	29199	6.719 ug/L	99
48) 2-Hexanone	8.32	43	21632	4.491 ug/L #	64
51) Chlorobenzene	9.12	112	12197	1.027 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	37905	6.642 ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	4814	0.497 ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	31065	3.092 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	41717	4.216 ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	17331	2.290 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	17331	2.589 ug/L	98

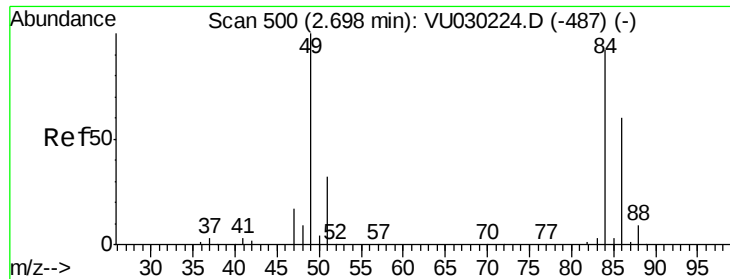
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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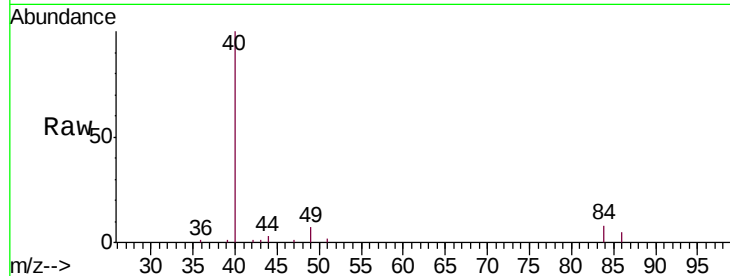




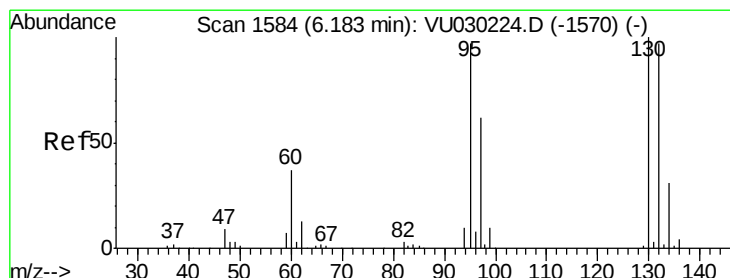
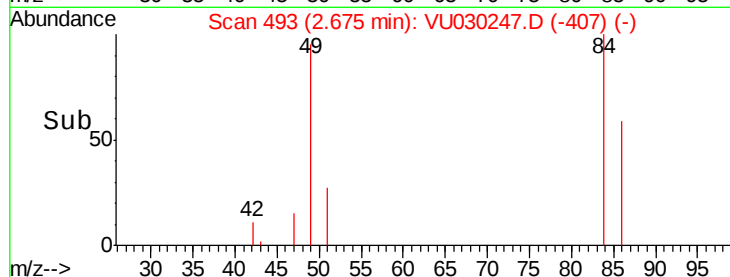
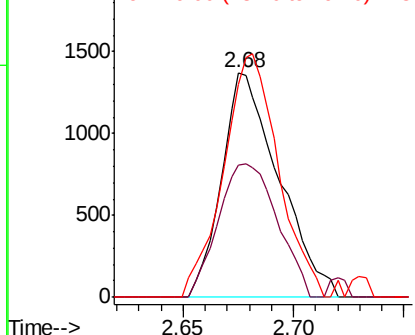
#16
Methylene chloride
Concen: 0.567 ug/L
RT: 2.68 min Scan# 493
Delta R.T. -0.02 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

Instrument :
MSVOA_U
ClientSampleId :
BF0D7

Tgt Ion: 84 Resp: 2467
Ion Ratio Lower Upper
84 100
86 59.0 45.6 84.6
49 94.7 75.2 139.6

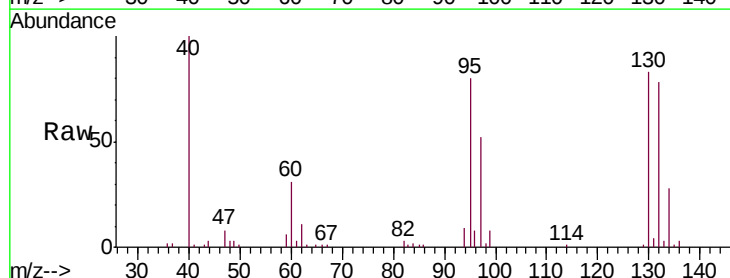


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

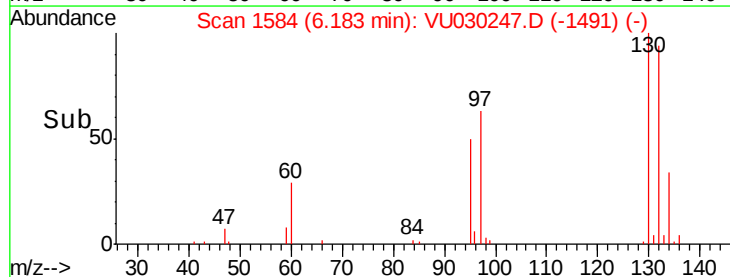
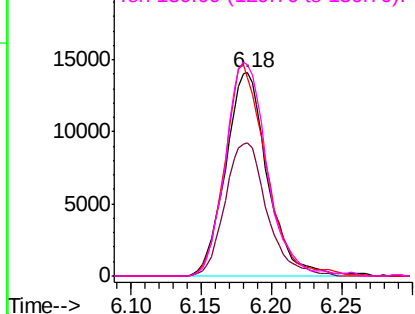


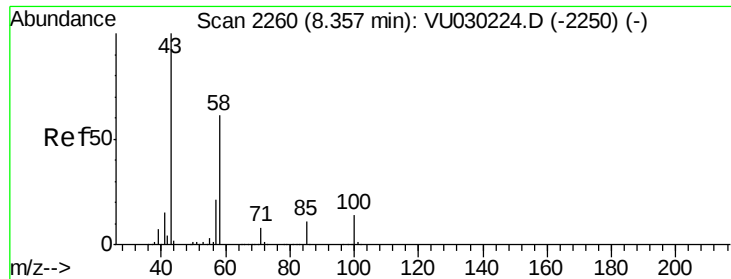
#34
Trichloroethene
Concen: 6.719 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

Tgt Ion: 95 Resp: 29199
Ion Ratio Lower Upper
95 100
97 65.6 46.2 85.8
132 97.9 69.3 128.7
130 104.3 73.6 136.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

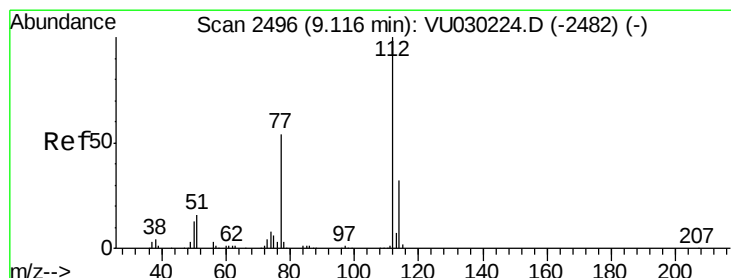
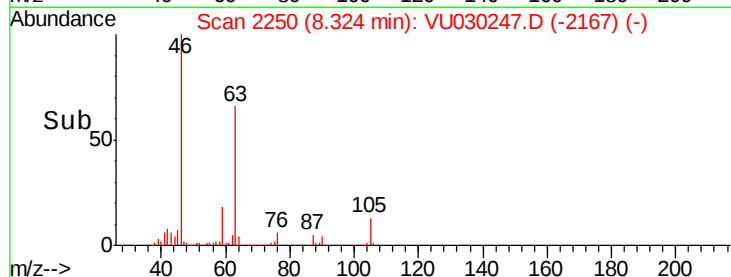
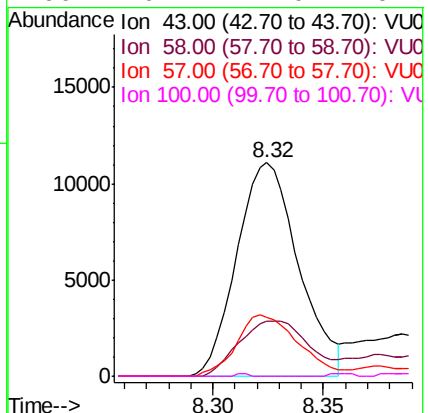
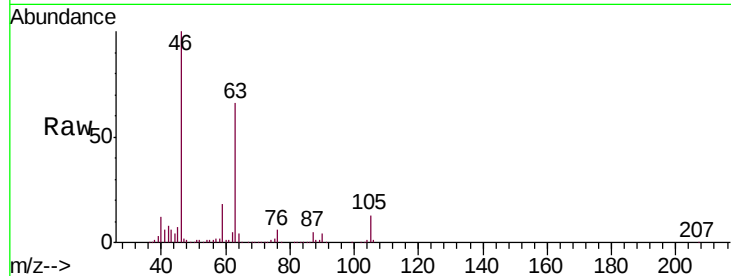




#48
2-Hexanone
Concen: 4.491 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

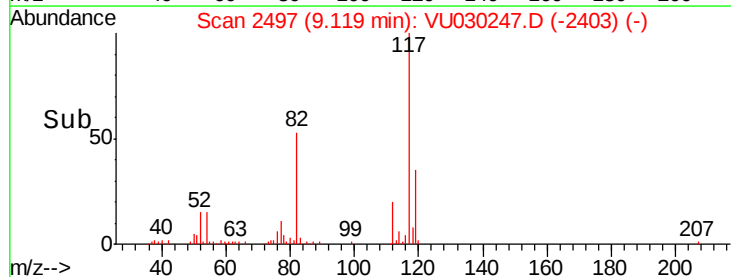
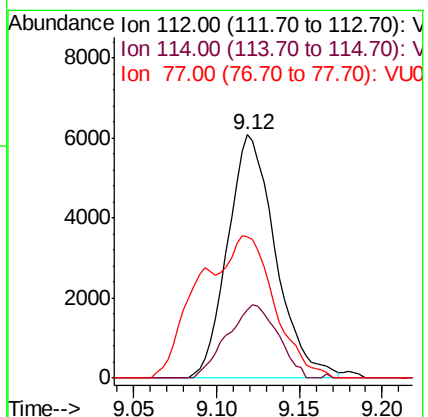
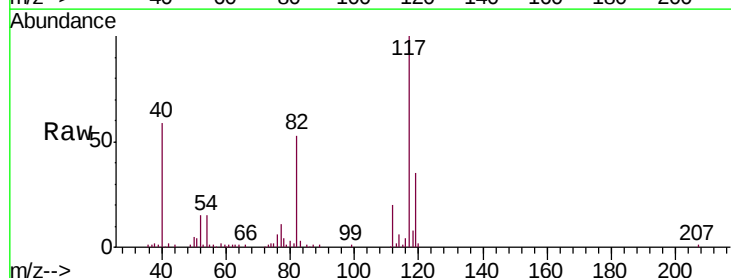
Instrument :
MSVOA_U
ClientSampleId :
BF0D7

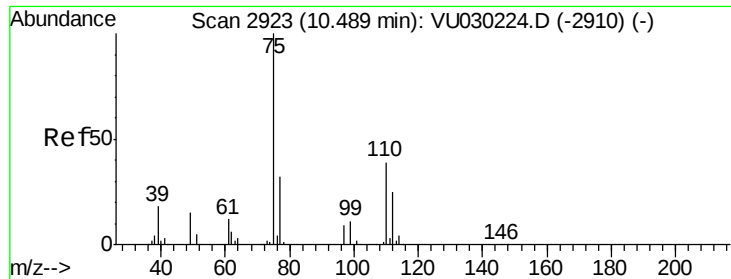
Tgt Ion: 43 Resp: 21632
Ion Ratio Lower Upper
43 100
58 28.7 49.3 73.9#
57 28.6 17.0 25.4#
100 0.2 11.0 16.4#



#51
Chlorobenzene
Concen: 1.027 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

Tgt Ion: 112 Resp: 12197
Ion Ratio Lower Upper
112 100
114 28.1 22.5 41.7
77 58.0 43.4 65.0





#59

1,2,3-Trichloropropane

Concen: 6.642 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030247.D

Acq: 21 Mar 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

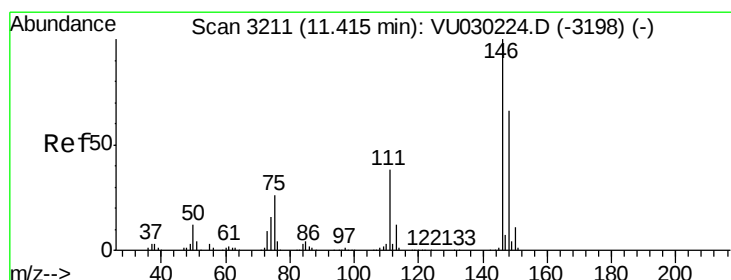
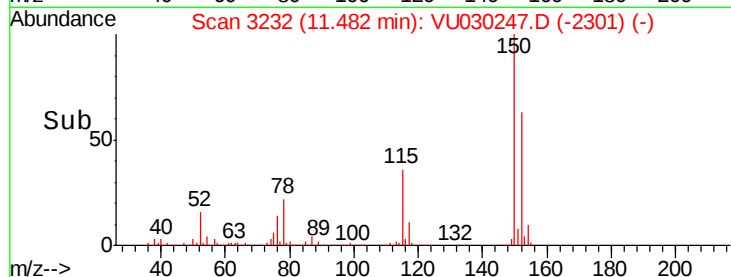
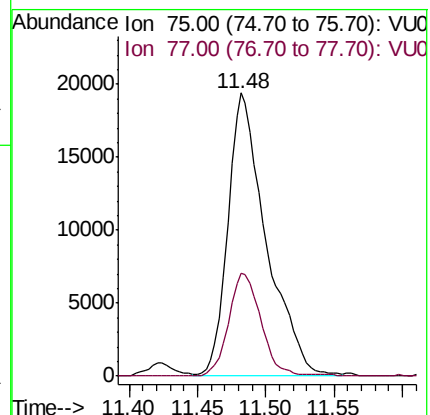
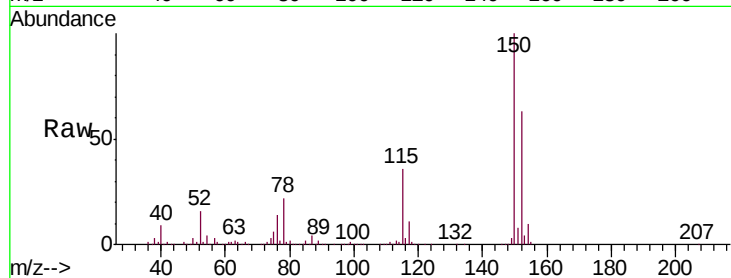
BF0D7

Tgt Ion: 75 Resp: 37905

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8



#62

1,3-Dichlorobenzene

Concen: 0.497 ug/L

RT: 11.42 min Scan# 3214

Delta R.T. 0.01 min

Lab File: VU030247.D

Acq: 21 Mar 2019 00:44

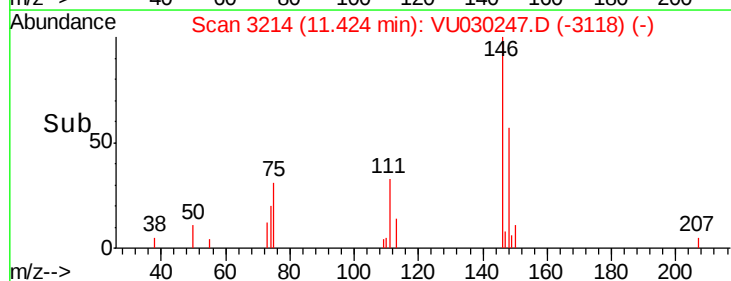
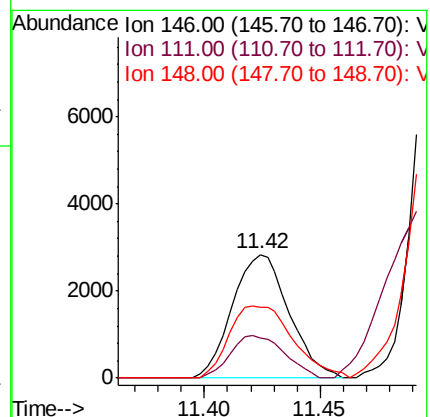
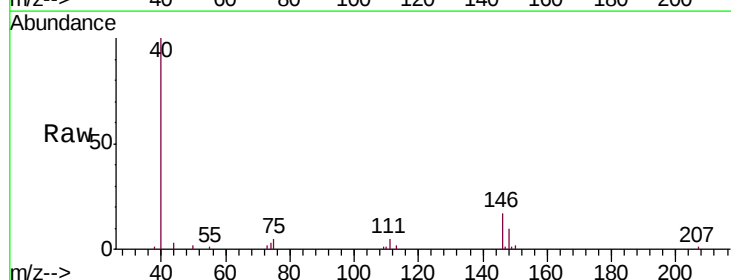
Tgt Ion: 146 Resp: 4814

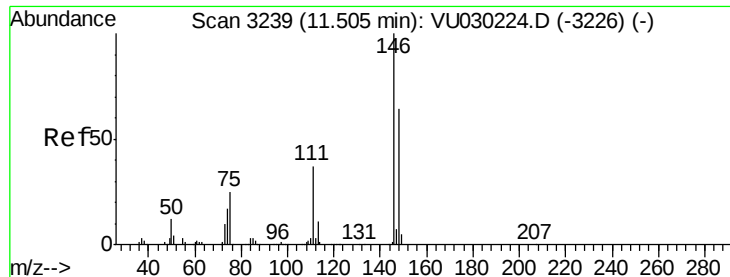
Ion Ratio Lower Upper

146 100

111 32.7 27.2 50.4

148 57.3 44.4 82.5

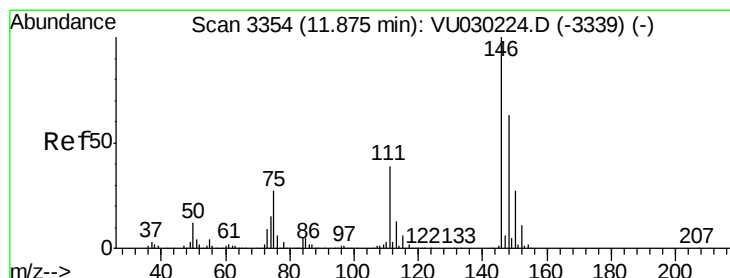
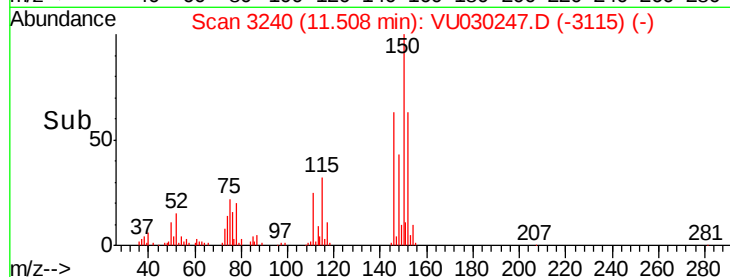
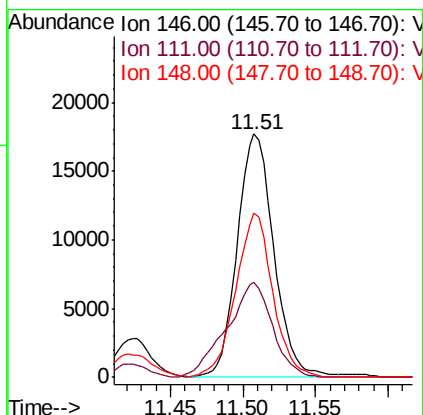
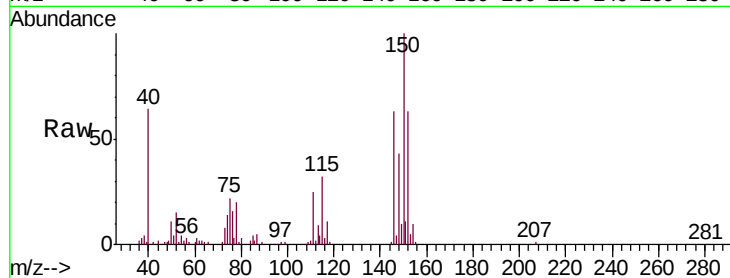




#63
 1,4-Dichlorobenzene
 Concen: 3.092 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

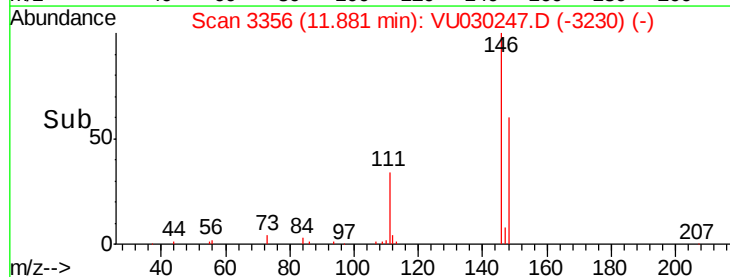
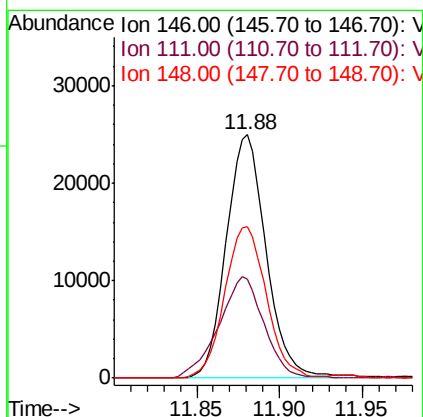
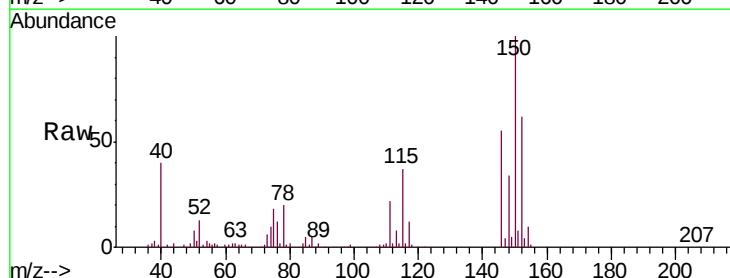
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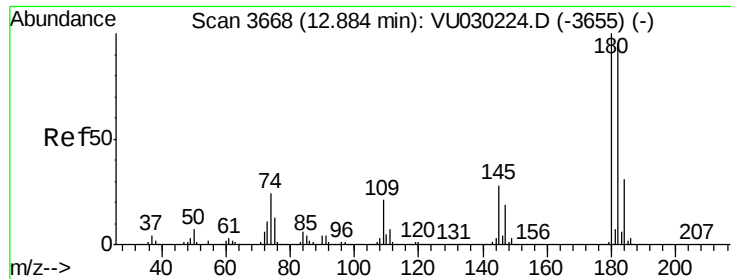
Tgt Ion:146 Resp: 31065
 Ion Ratio Lower Upper
 146 100
 111 39.0 25.3 46.9
 148 67.7 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 4.216 ug/L
 RT: 11.88 min Scan# 3356
 Delta R.T. 0.01 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Tgt Ion:146 Resp: 41717
 Ion Ratio Lower Upper
 146 100
 111 40.5 31.7 47.5
 148 62.1 52.0 78.0

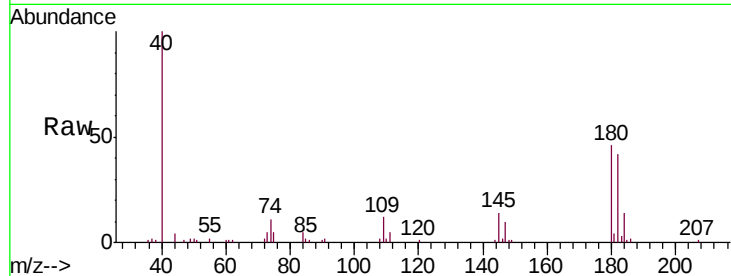




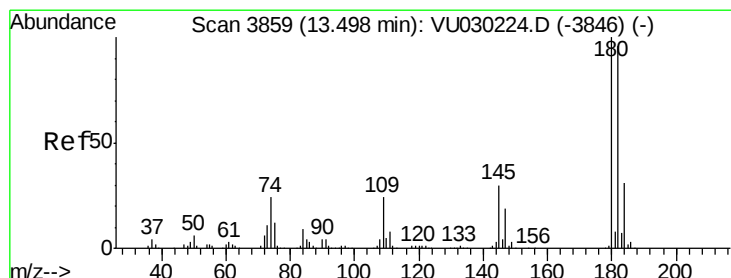
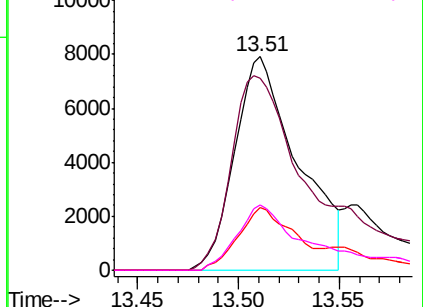
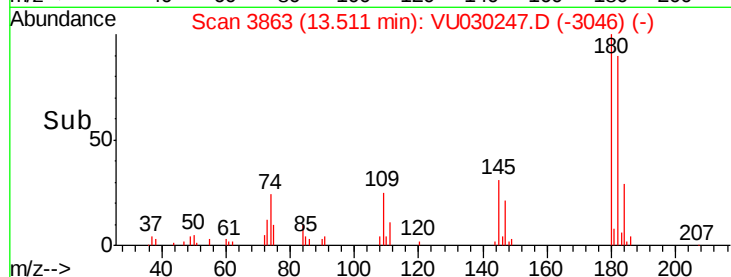
#67
 1,3,5-Trichlorobenzene
 Concen: 2.290 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.63 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D7

Tgt Ion:180 Resp: 17331
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.0 114.0
 184 25.8 24.2 36.4
 145 30.1 22.1 33.1

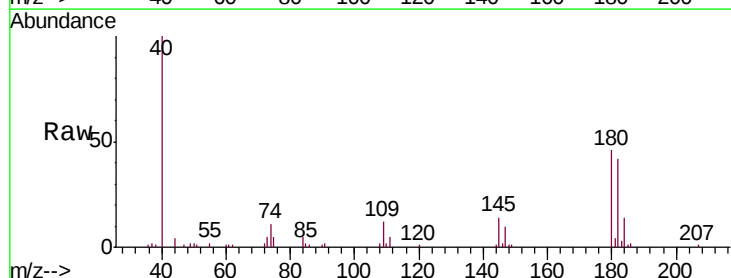


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 2.589 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Tgt Ion:180 Resp: 17331
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.4 114.6
 145 30.1 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

