

Data File : VU030116.D
Acq On : 15 Mar 2019 17:21
Operator : JC/SP
Sample : K1917-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C1

Quant Time: Mar 16 00:55:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517851	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497273	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124510	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.70%
7) Chloroethane-d5	1.68	69	112039	40.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.04%
11) 1,1-Dichloroethene-d2	2.27	63	182779	29.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.12%#
21) 2-Butanone-d5	4.18	46	241484	94.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.65	84	274378	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	165347	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.34	84	574063	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
36) 1,2-Dichloropropane-d6	6.33	67	188426	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.56	98	516904	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.85	79	75803	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
47) 2-Hexanone-d5	8.31	63	196390	89.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284150	47.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	218862	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%

Target Compounds

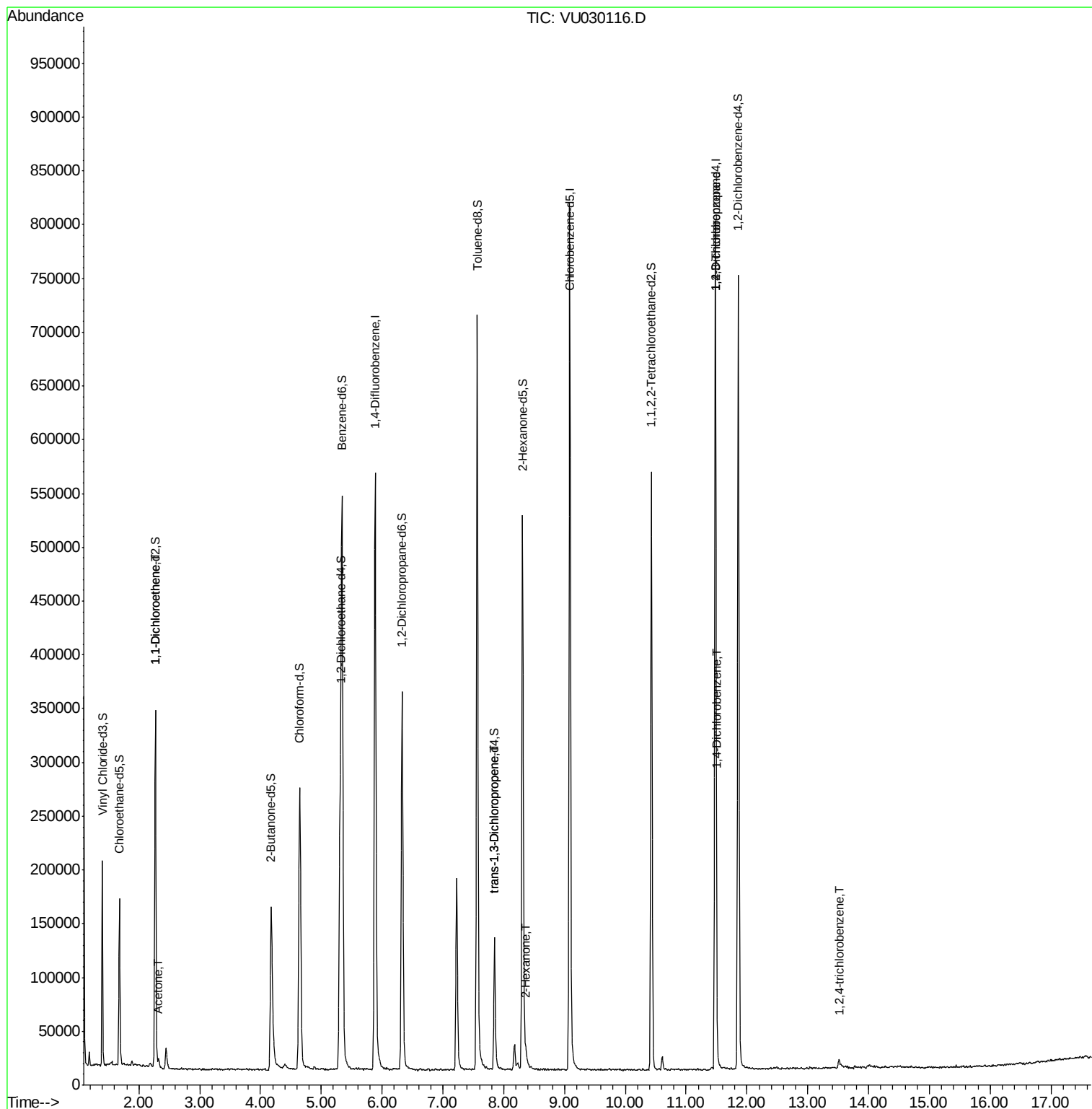
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	1824	0.562	ug/L #	1
13) Acetone	2.32	43	5272	1.757	ug/L	71
44) trans-1,3-Dichloropropene	7.85	75	3117	0.586	ug/L	95
48) 2-Hexanone	8.36	43	4711	1.093	ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	24719	5.071	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	5001	0.657	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	3934	0.740	ug/L #	87

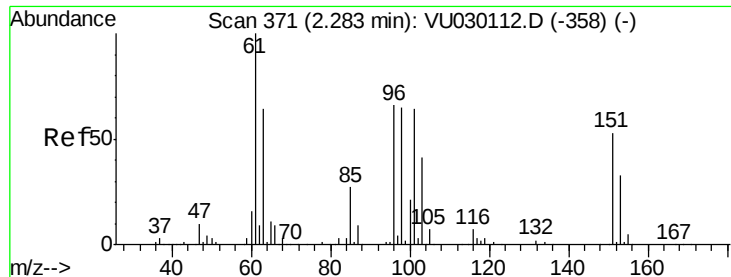
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030116.D

Acq: 15 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

C09C1

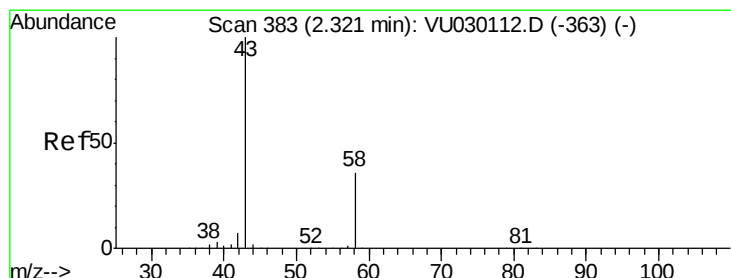
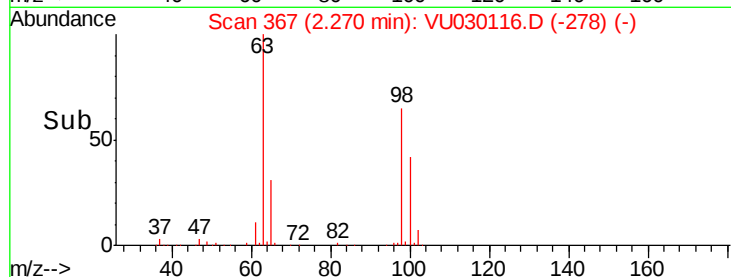
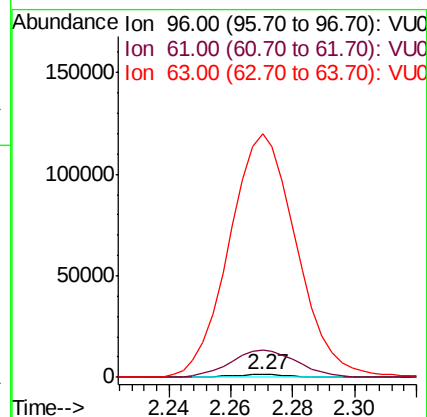
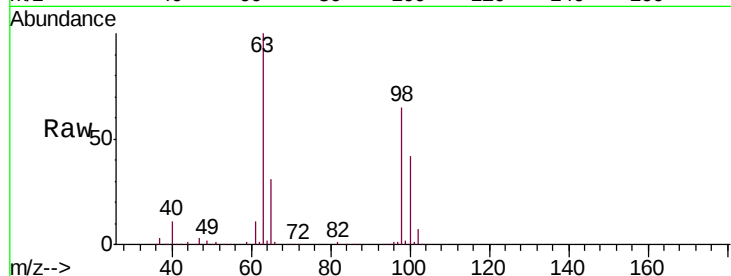
Tgt Ion: 96 Resp: 1824

Ion Ratio Lower Upper

96 100

61 1058.5 110.4 205.0#

63 9237.0 86.5 160.7#



#13

Acetone

Concen: 1.757 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030116.D

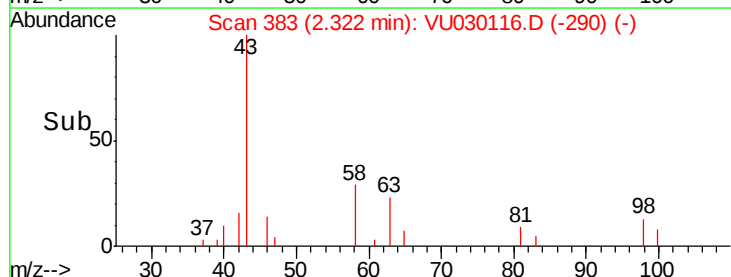
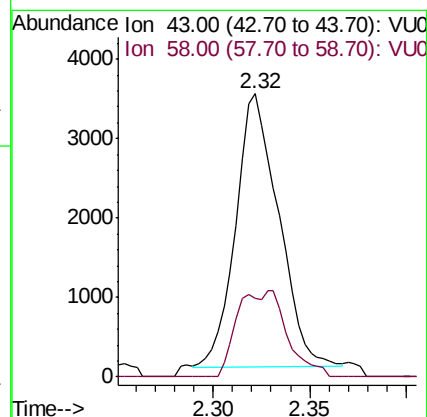
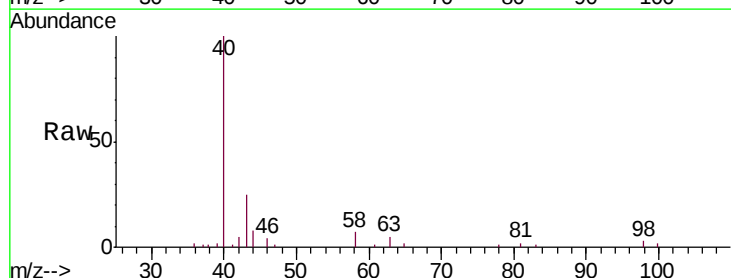
Acq: 15 Mar 2019 17:21

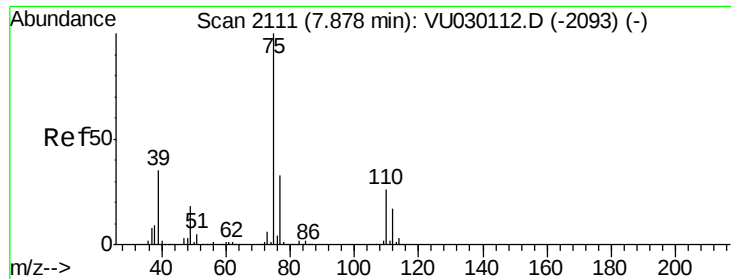
Tgt Ion: 43 Resp: 5272

Ion Ratio Lower Upper

43 100

58 19.5 0.0 73.0

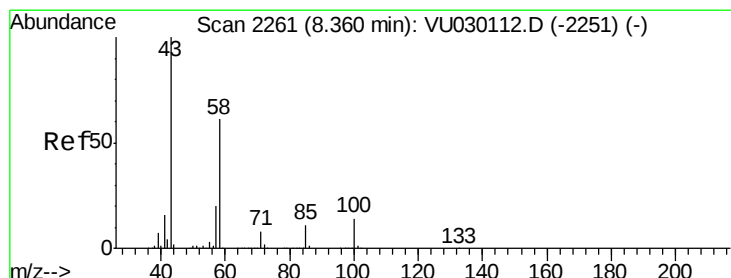
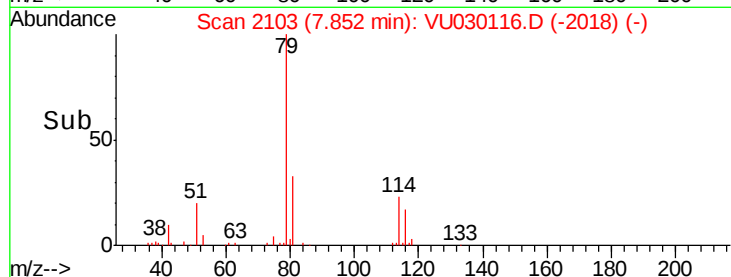
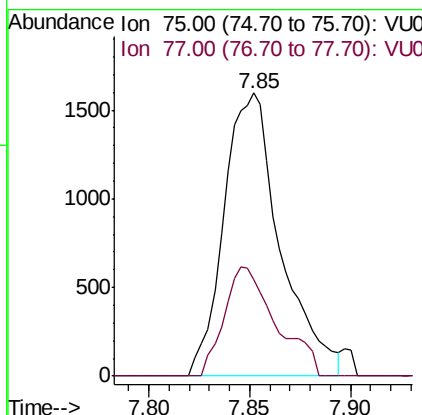
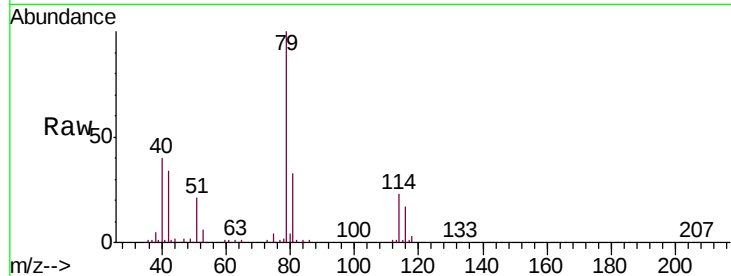




#44
trans-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU030116.D
Acq: 15 Mar 2019 17:21

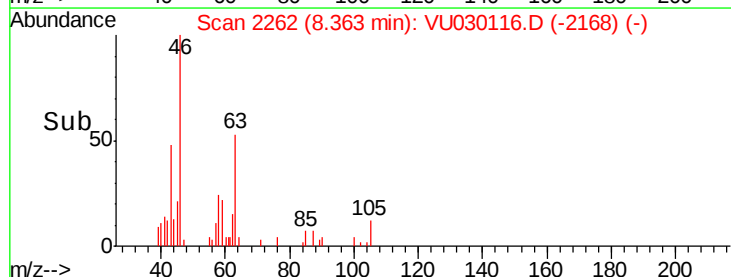
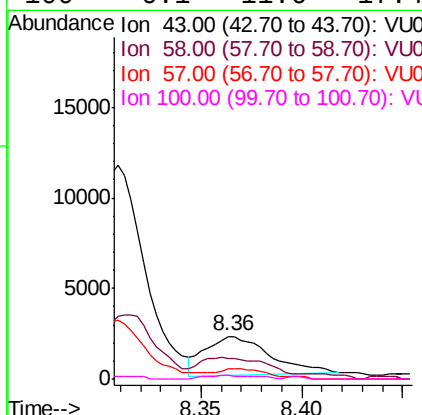
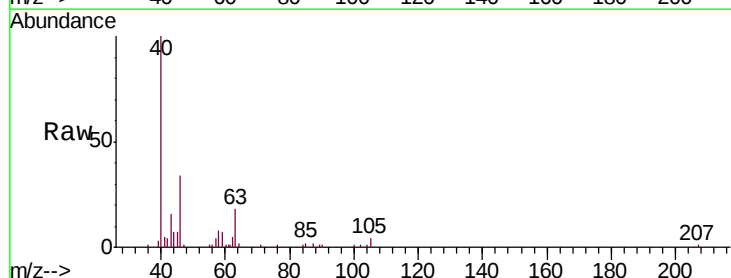
Instrument :
MSVOA_U
ClientSampleId :
C09C1

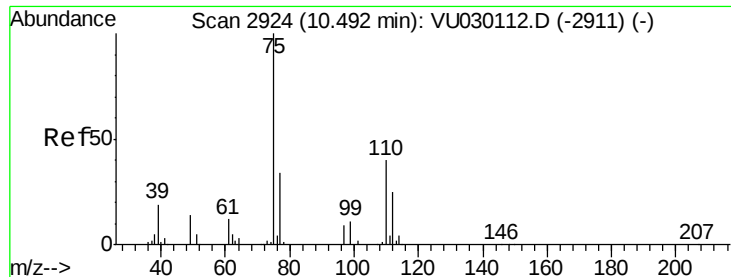
Tgt Ion: 75 Resp: 3117
Ion Ratio Lower Upper
75 100
77 34.1 21.9 40.7



#48
2-Hexanone
Concen: 1.093 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030116.D
Acq: 15 Mar 2019 17:21

Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
58 18.6 48.6 72.8#
57 19.5 16.1 24.1
100 6.1 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.071 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030116.D

Acq: 15 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

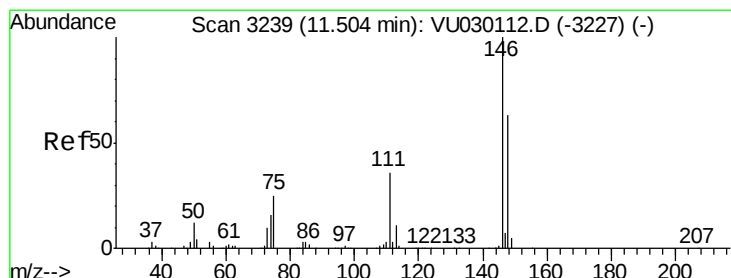
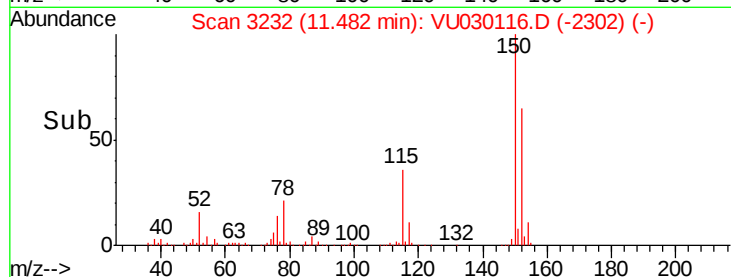
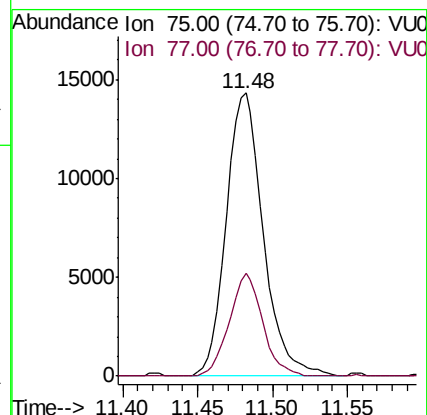
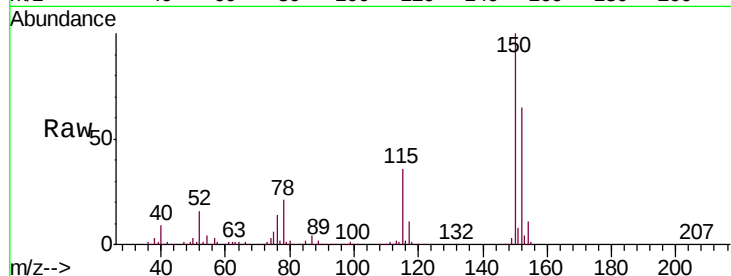
C09C1

Tgt Ion: 75 Resp: 24719

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



#63

1,4-Dichlorobenzene

Concen: 0.657 ug/L

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU030116.D

Acq: 15 Mar 2019 17:21

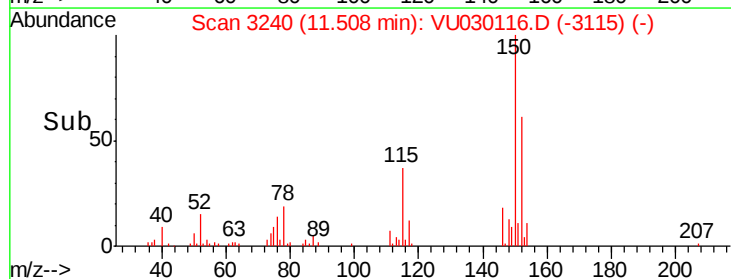
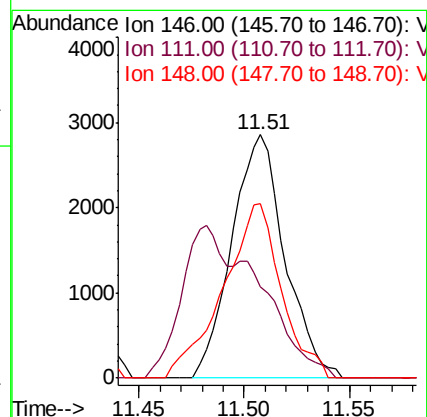
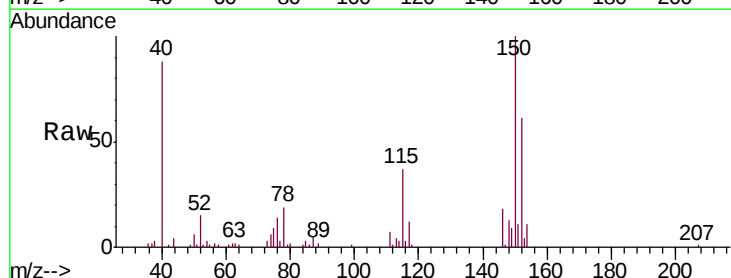
Tgt Ion: 146 Resp: 5001

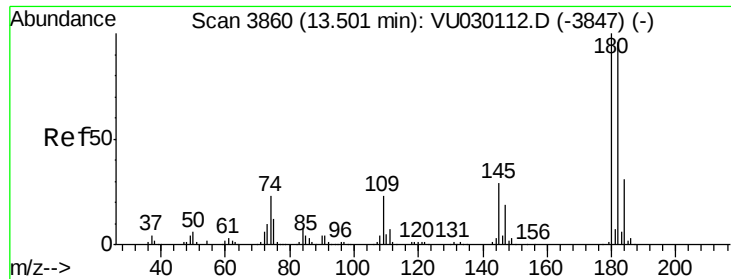
Ion Ratio Lower Upper

146 100

111 37.6 25.5 47.3

148 71.7 45.0 83.6





#68
 1,2,4-trichlorobenzene
 Concen: 0.740 ug/L
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.01 min
 Lab File: VU030116.D
 Acq: 15 Mar 2019 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.8	76.1	114.1
145	21.5	23.0	34.4

