

Data File : VU030130.D
Acq On : 15 Mar 2019 22:43
Operator : JC/SP
Sample : K1917-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09HI

Quant Time: Mar 16 00:57:53 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	526752	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	503522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	241323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120177	34.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.98%
7) Chloroethane-d5	1.68	69	111627	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.38%
11) 1,1-Dichloroethene-d2	2.27	63	185489	29.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.98%#
21) 2-Butanone-d5	4.18	46	256325	98.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.19%
24) Chloroform-d	4.65	84	281967	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.31	65	172030	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.34	84	593145	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.33	67	191832	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	532806	43.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	73988	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
47) 2-Hexanone-d5	8.31	63	213664	96.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297700	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	228148	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

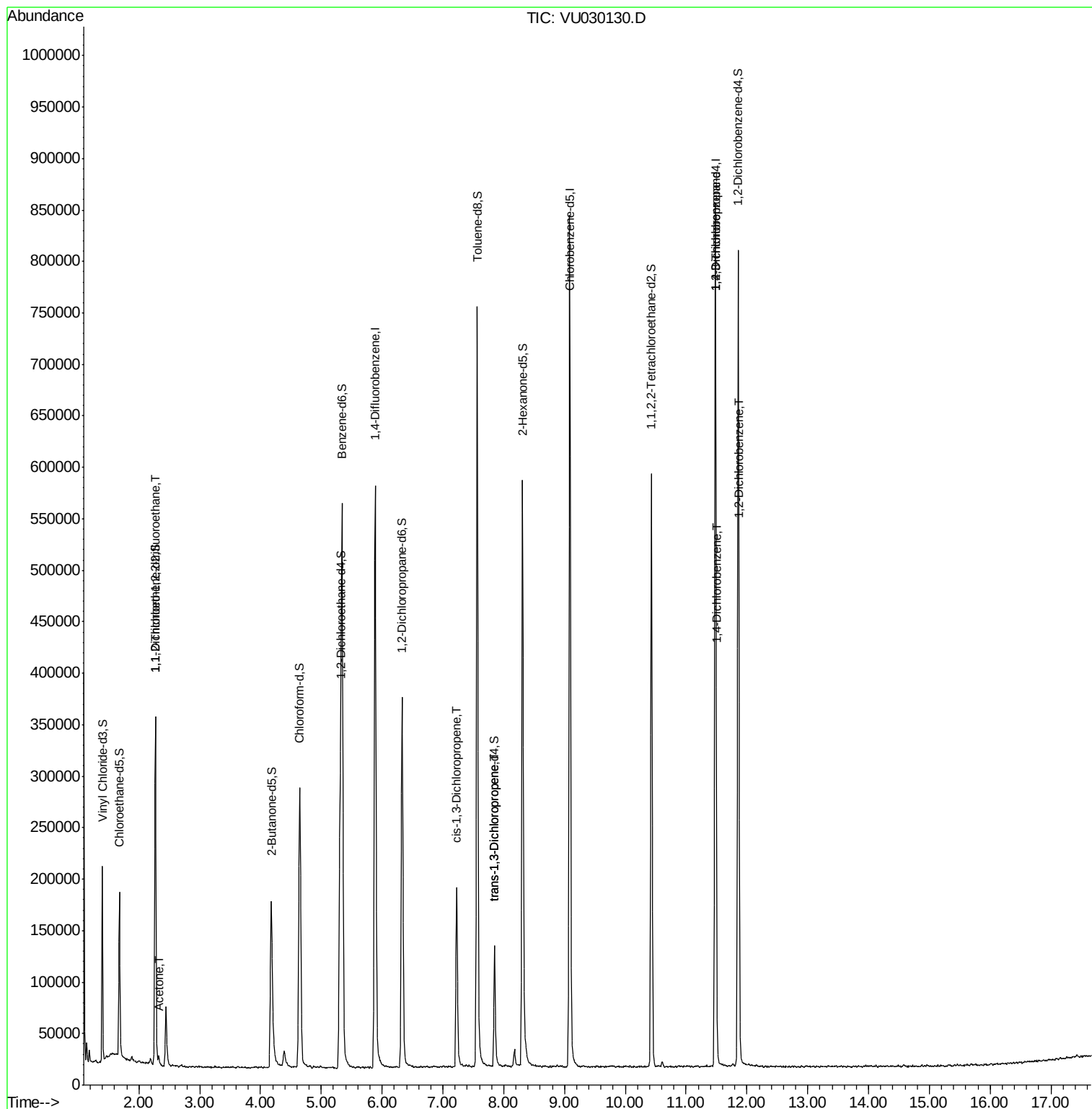
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2038	0.589	ug/L #	17
13) Acetone	2.32	43	6554	2.147	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	3906	0.662	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	2903	0.539	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	25187	5.103	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	6198	0.782	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5357	0.683	ug/L #	92

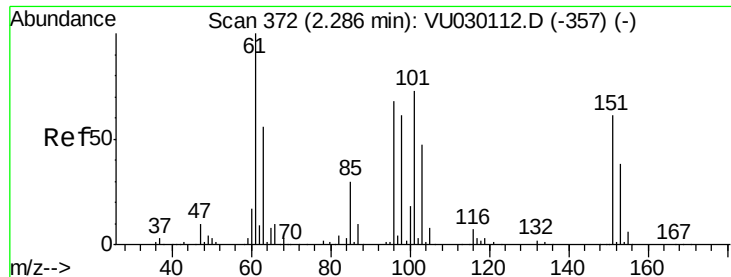
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.589 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030130.D

Acq: 15 Mar 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

C09HI

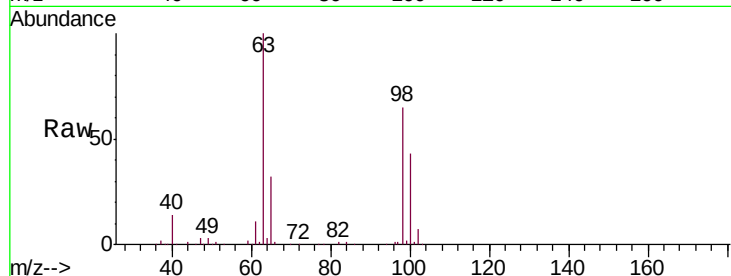
Tgt Ion: 101 Resp: 2038

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

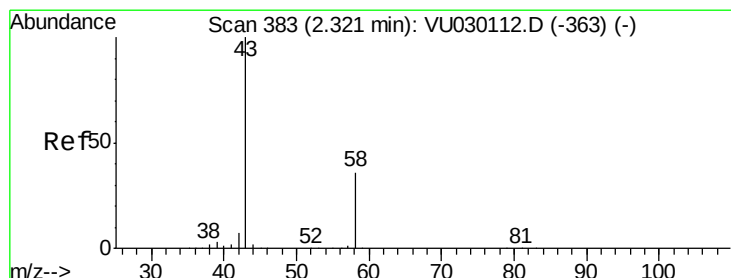
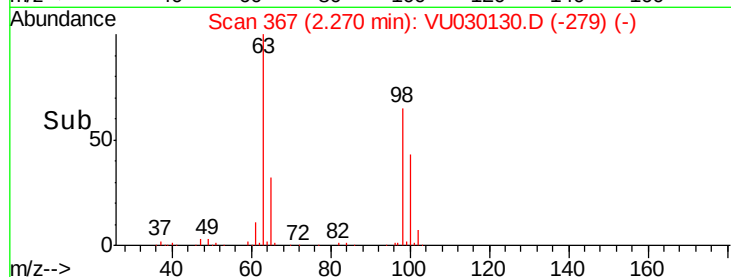
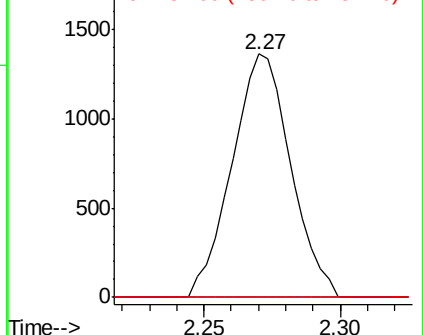
151 0.0 66.1 99.1#



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



#13

Acetone

Concen: 2.147 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030130.D

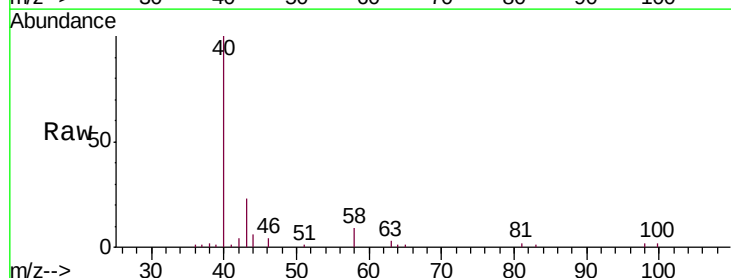
Acq: 15 Mar 2019 22:43

Tgt Ion: 43 Resp: 6554

Ion Ratio Lower Upper

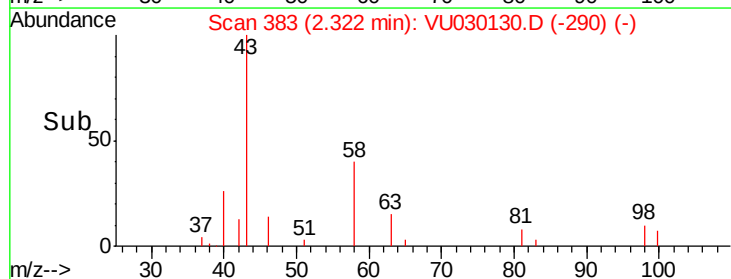
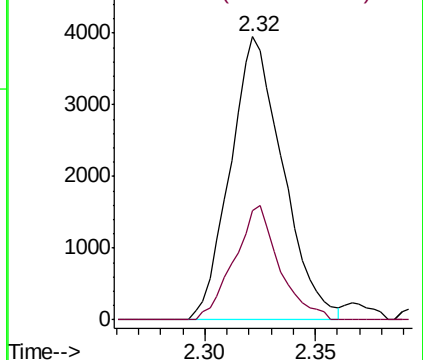
43 100

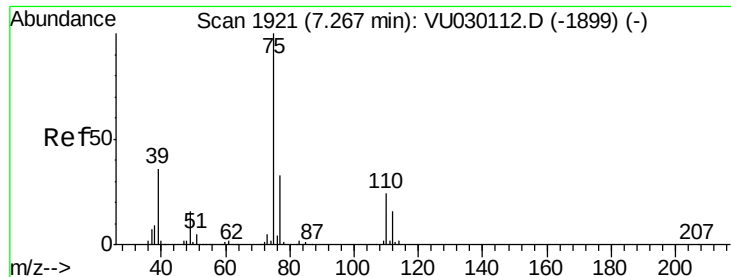
58 34.5 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



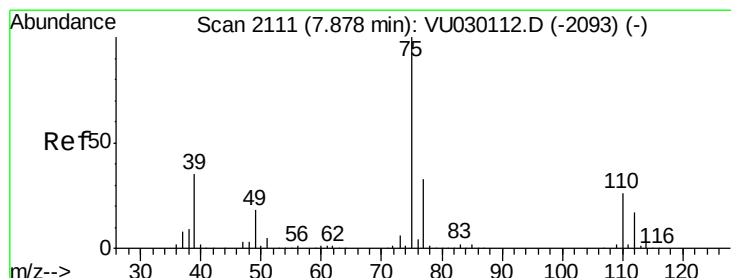
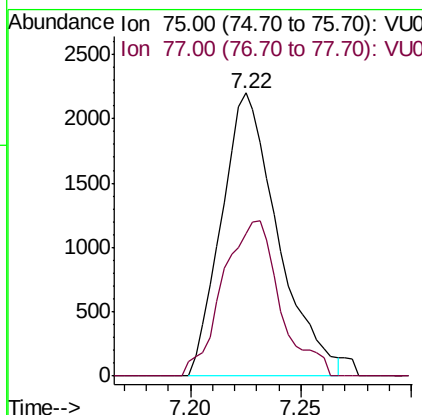
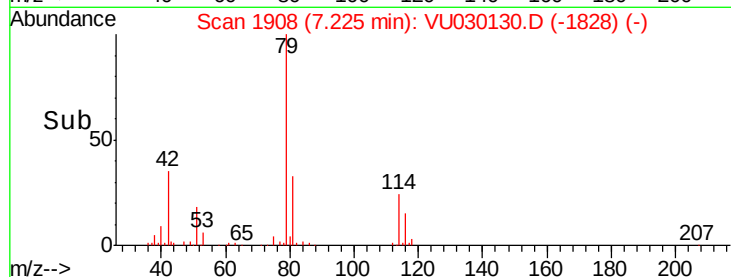
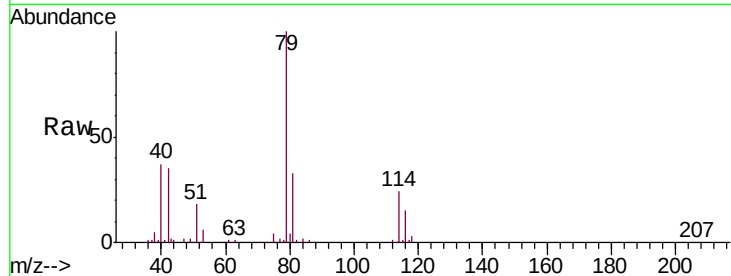


#39

cis-1,3-Dichloropropene
Concen: 0.662 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030130.D
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MSVOA_U
ClientSampleId :
C09HI

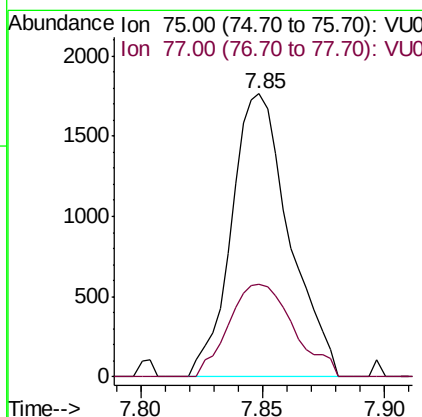
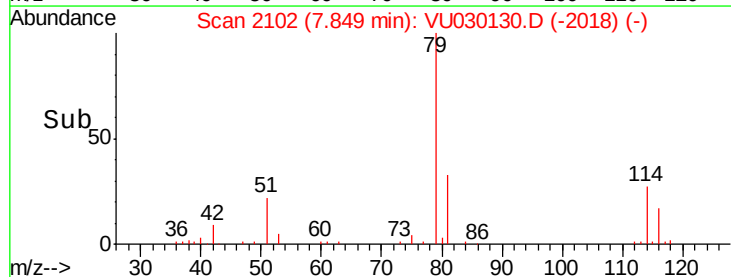
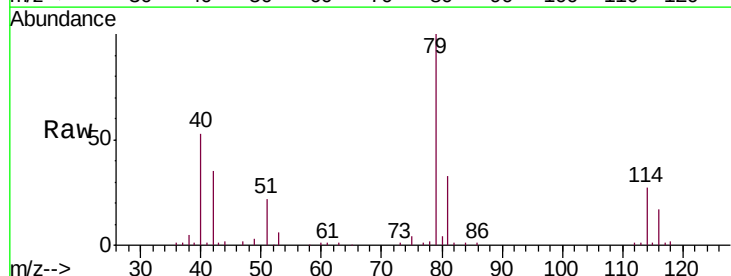
Tgt Ion: 75 Resp: 3906
Ion Ratio Lower Upper
75 100
77 50.2 22.2 41.2#

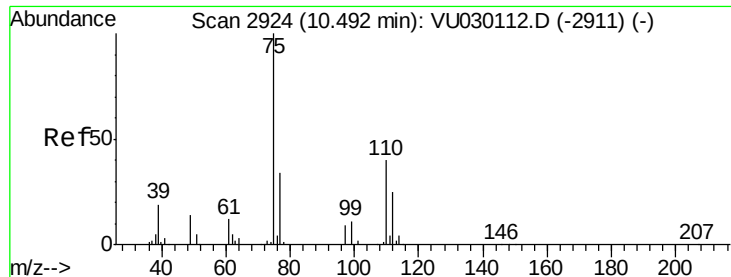


#44

trans-1,3-Dichloropropene
Concen: 0.539 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030130.D
Acq: 15 Mar 2019 22:43

Tgt Ion: 75 Resp: 2903
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.103 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030130.D

Acq: 15 Mar 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

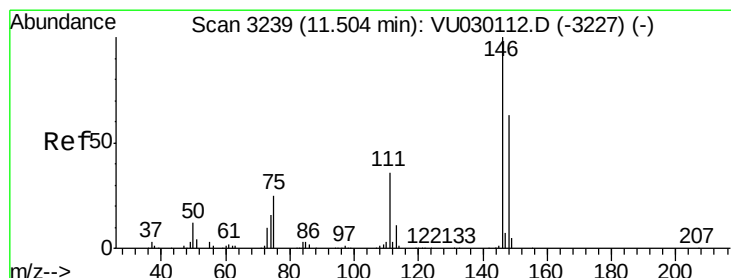
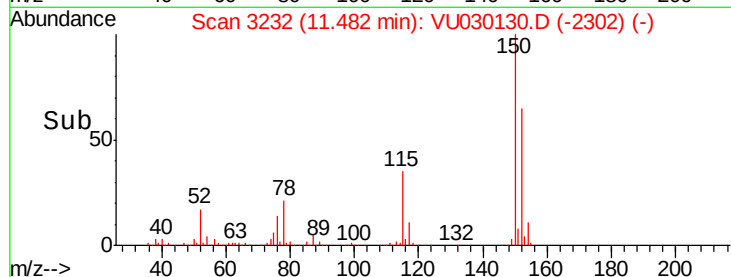
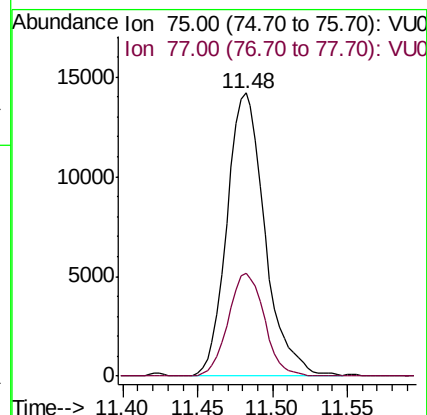
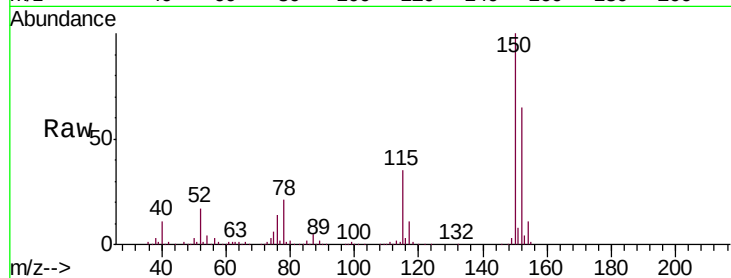
C09HI

Tgt Ion: 75 Resp: 25187

Ion Ratio Lower Upper

75 100

77 34.4 25.8 38.8



#63

1,4-Dichlorobenzene

Concen: 0.782 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030130.D

Acq: 15 Mar 2019 22:43

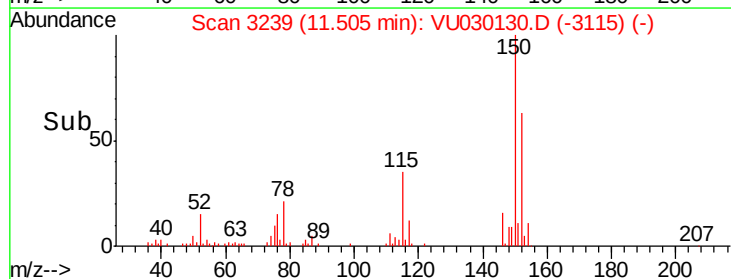
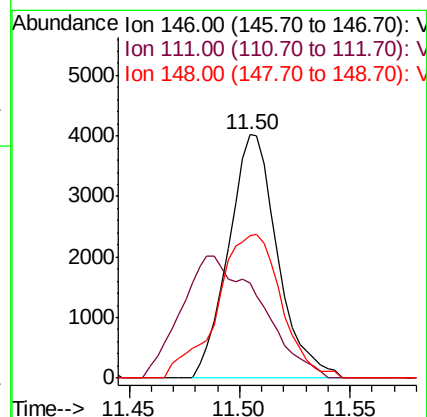
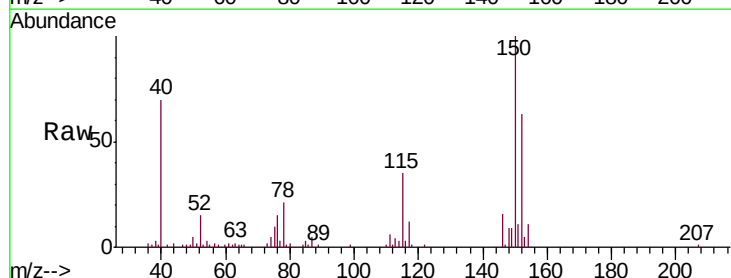
Tgt Ion: 146 Resp: 6198

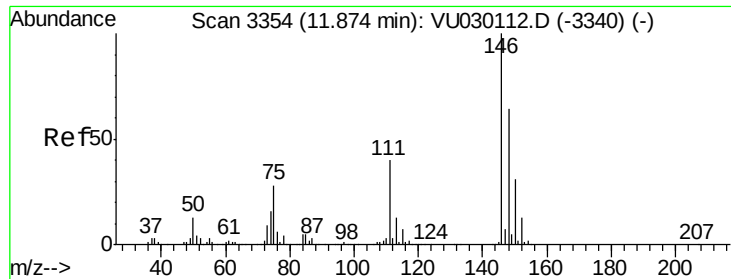
Ion Ratio Lower Upper

146 100

111 39.1 25.5 47.3

148 58.6 45.0 83.6





#65

1,2-Dichlorobenzene

Concen: 0.683 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030130.D

Acq: 15 Mar 2019 22:43

Instrument :

MSVOA_U

ClientSampleId :

C09HI

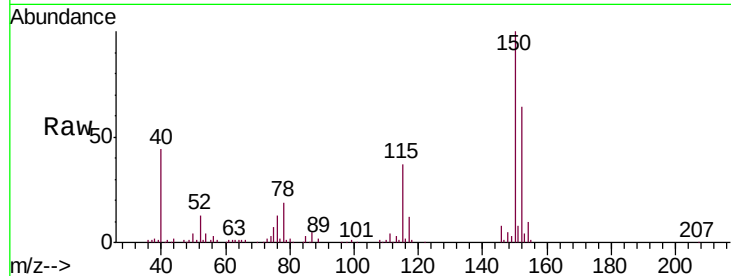
Tgt Ion:146 Resp: 5357

Ion Ratio Lower Upper

146 100

111 47.2 30.9 46.3#

148 60.3 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

