

Data File : VU030120.D
Acq On : 15 Mar 2019 18:53
Operator : JC/SP
Sample : K1917-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F9

Quant Time: Mar 16 00:56:27 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	521337	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126601	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.42%
7) Chloroethane-d5	1.68	69	113887	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.82%
11) 1,1-Dichloroethene-d2	2.27	63	184312	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	4.17	46	262820	101.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.65	84	280749	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.31	65	169871	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
32) Benzene-d6	5.34	84	582098	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
36) 1,2-Dichloropropane-d6	6.33	67	191442	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.56	98	532789	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.85	79	75903	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.31	63	208745	92.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293447	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	222317	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

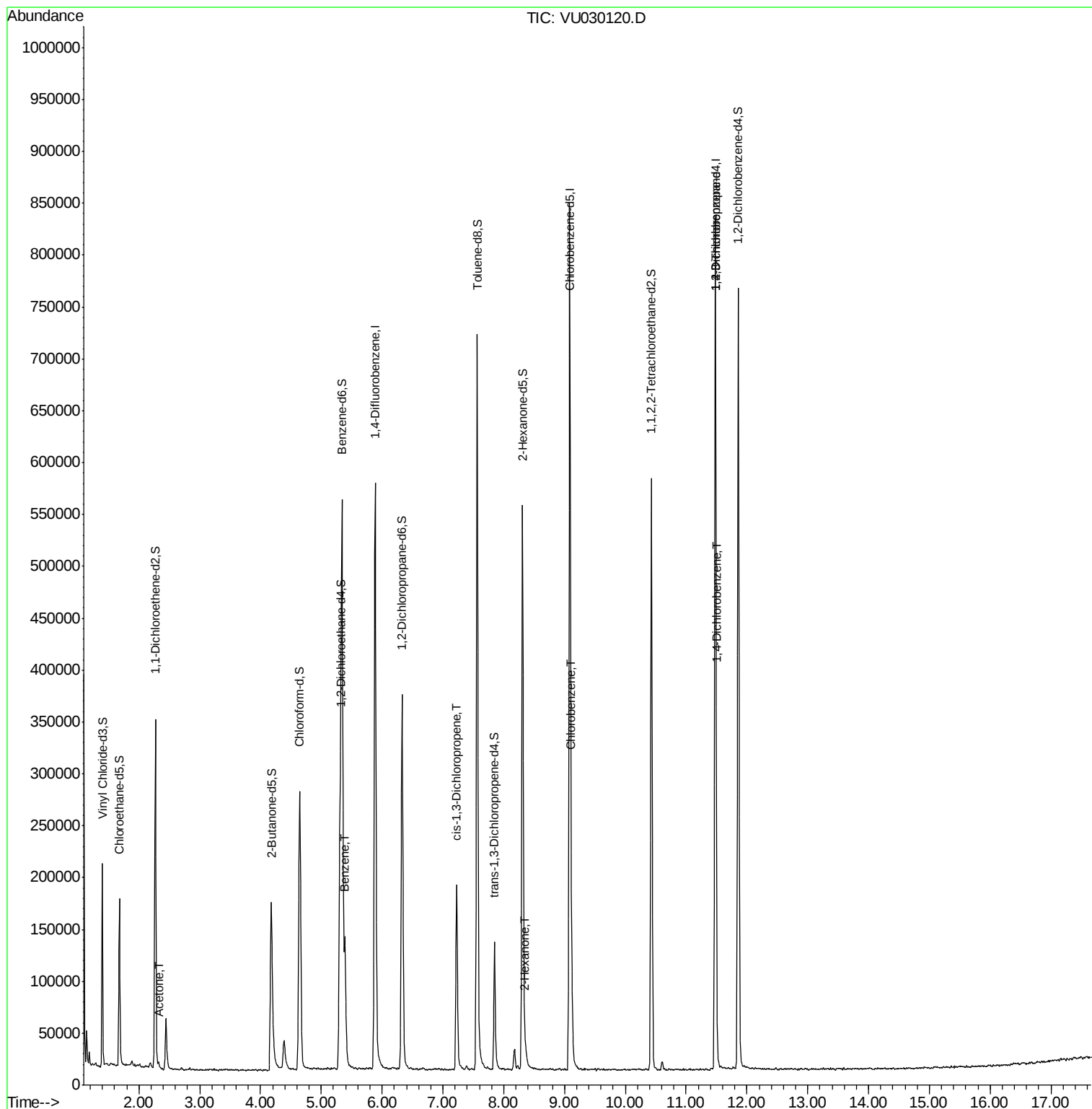
					Qvalue
13) Acetone	2.32	43	3793	1.256 ug/L	89
33) Benzene	5.39	78	127016	8.668 ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	4261	0.710 ug/L #	72
48) 2-Hexanone	8.36	43	5180	1.167 ug/L #	77
51) Chlorobenzene	9.12	112	58027	5.402 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	25926	5.165 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	6013	0.783 ug/L	93

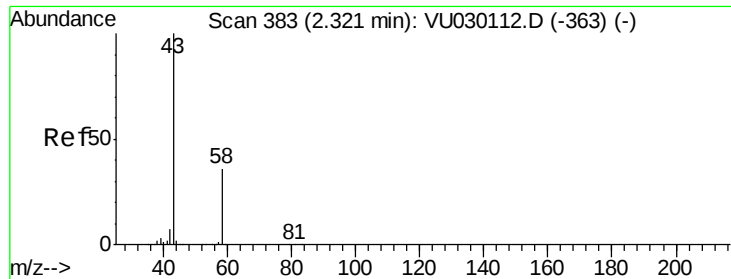
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.256 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030120.D

Acq: 15 Mar 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

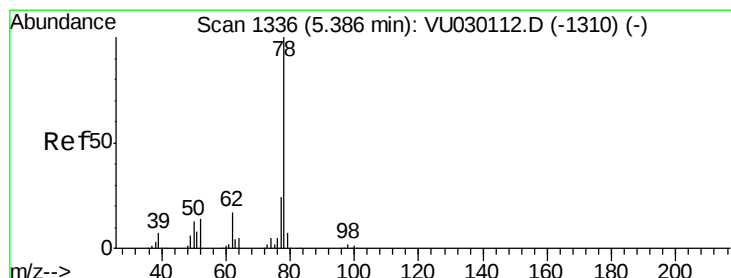
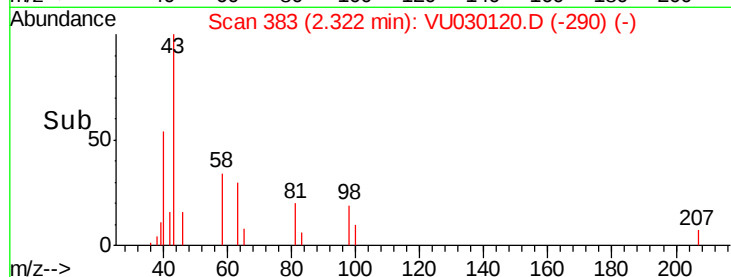
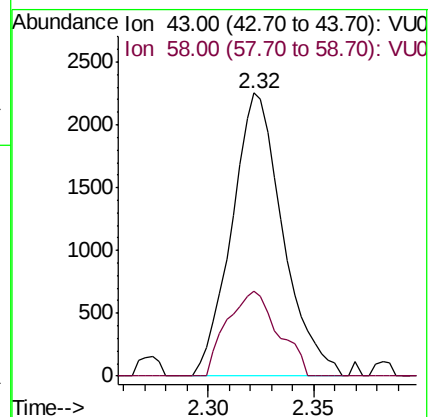
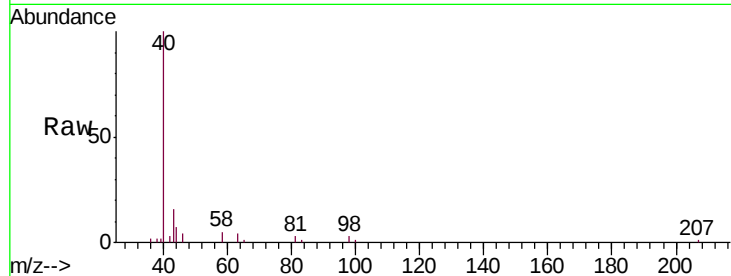
C09F9

Tgt Ion: 43 Resp: 3793

Ion Ratio Lower Upper

43 100

58 29.8 0.0 73.0



#33

Benzene

Concen: 8.668 ug/L

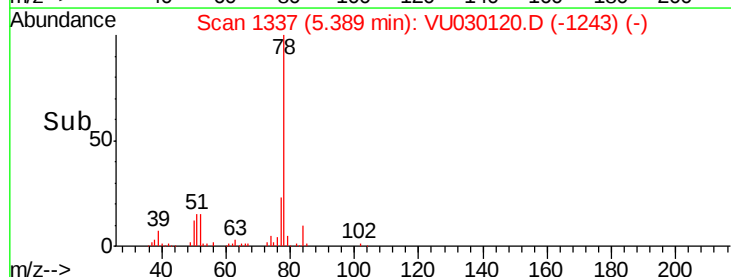
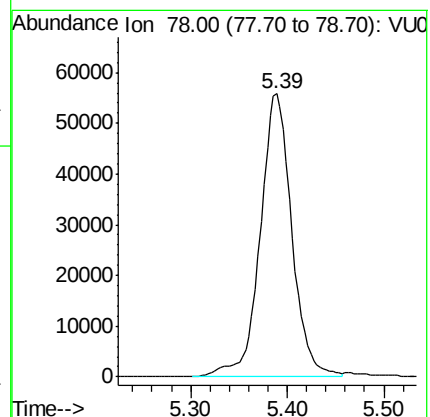
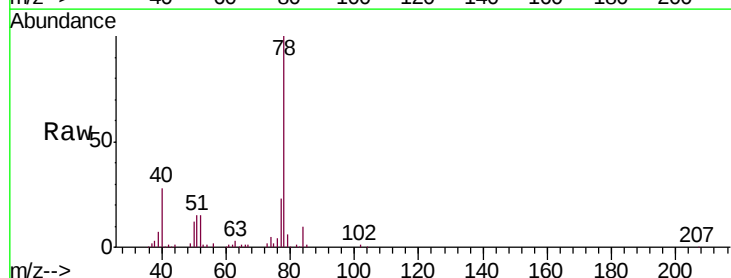
RT: 5.39 min Scan# 1337

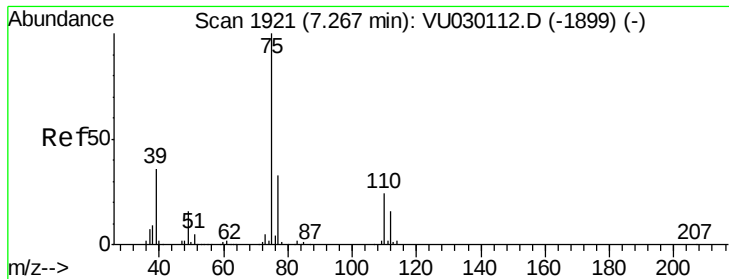
Delta R.T. 0.00 min

Lab File: VU030120.D

Acq: 15 Mar 2019 18:53

Tgt Ion: 78 Resp: 127016

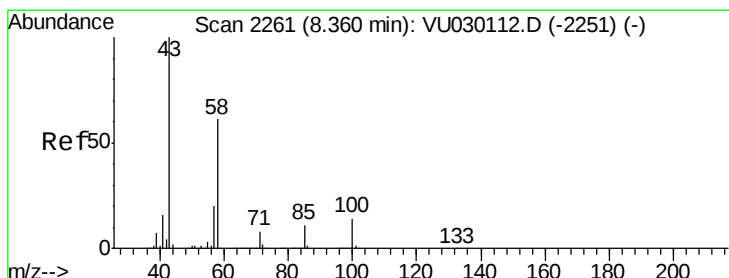
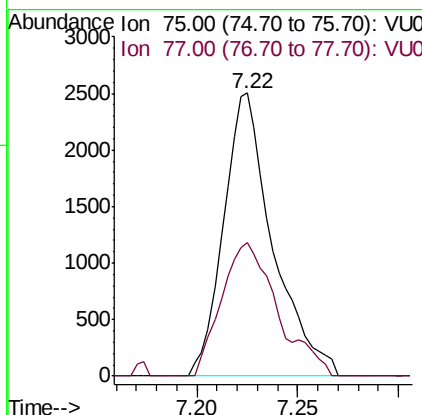
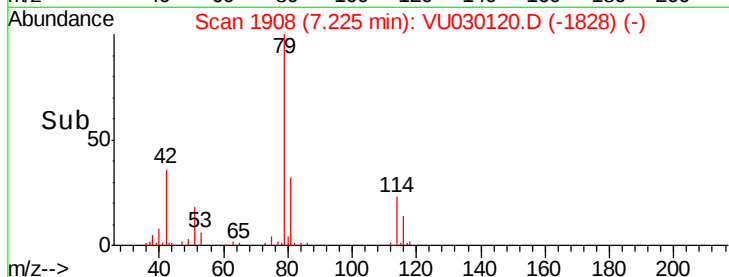
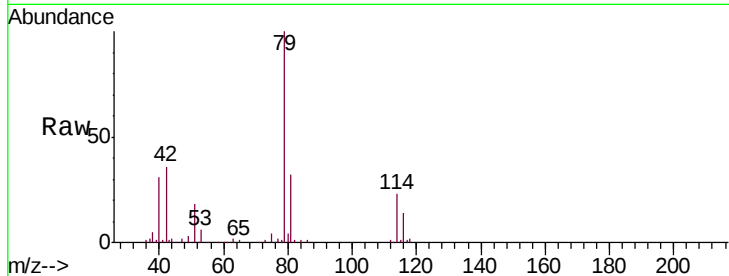




#39
 cis-1,3-Dichloropropene
 Concen: 0.710 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030120.D
 Acq: 15 Mar 2019 18:53

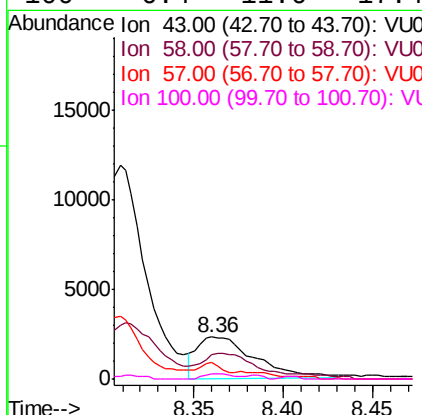
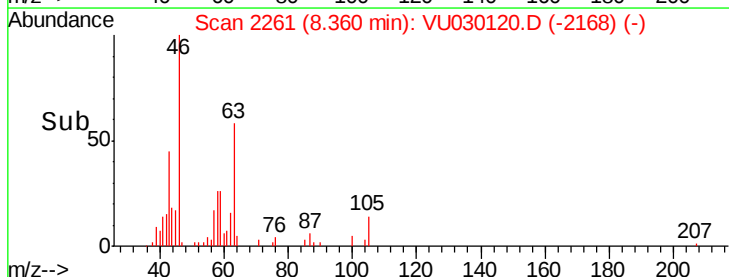
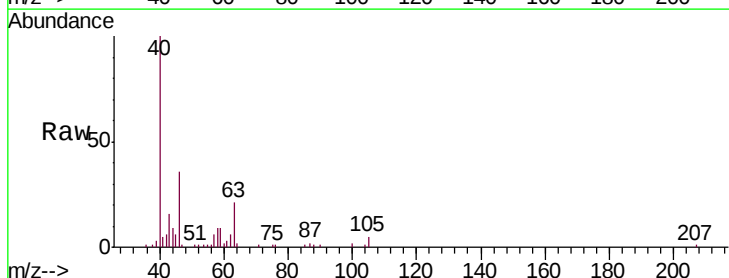
Instrument :
 MSVOA_U
 ClientSampled :
 C09F9

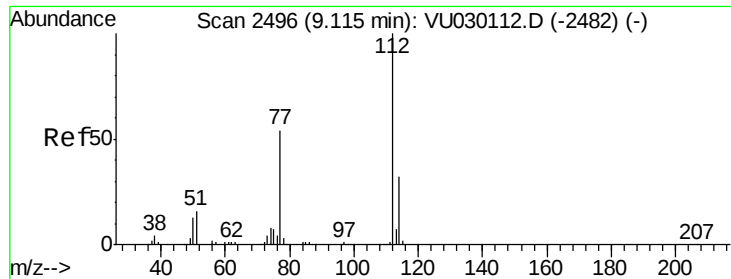
Tgt Ion: 75 Resp: 4261
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.2 41.2#



#48
 2-Hexanone
 Concen: 1.167 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU030120.D
 Acq: 15 Mar 2019 18:53

Tgt Ion: 43 Resp: 5180
 Ion Ratio Lower Upper
 43 100
 58 42.6 48.6 72.8#
 57 8.5 16.1 24.1#
 100 6.4 11.6 17.4#





#51

Chlorobenzene

Concen: 5.402 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030120.D

Acq: 15 Mar 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

C09F9

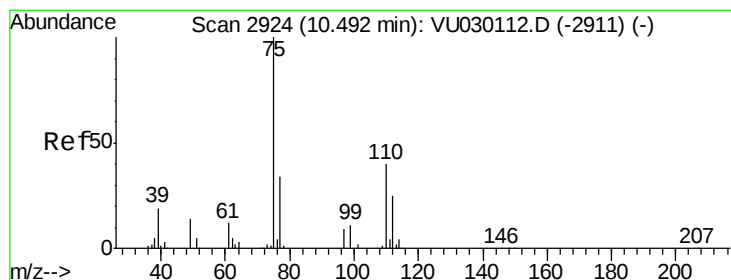
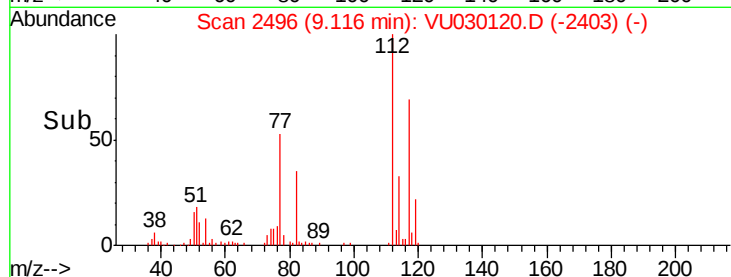
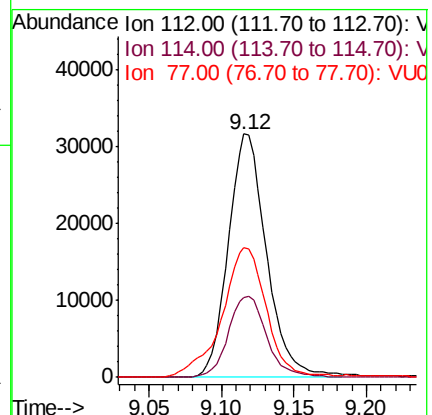
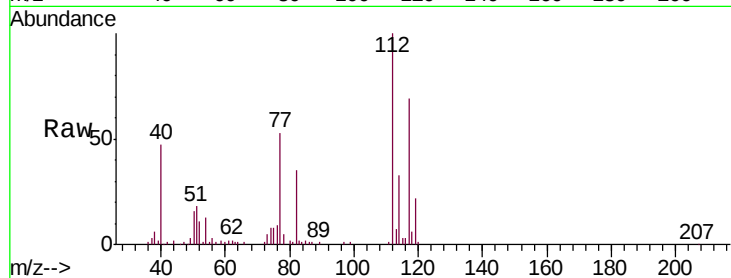
Tgt Ion: 112 Resp: 58027

Ion Ratio Lower Upper

112 100

114 32.8 22.5 41.9

77 53.5 44.6 66.8



#59

1,2,3-Trichloropropane

Concen: 5.165 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030120.D

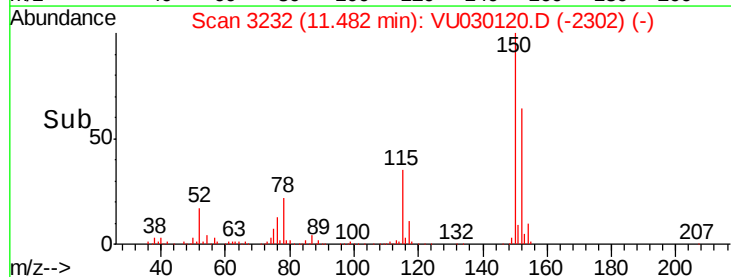
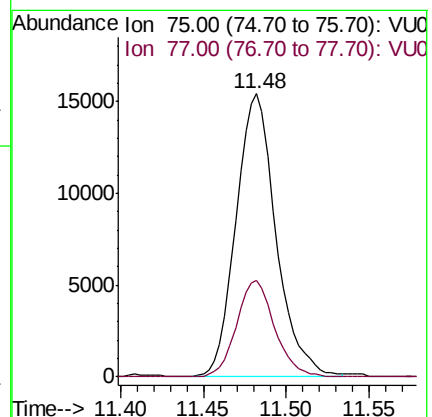
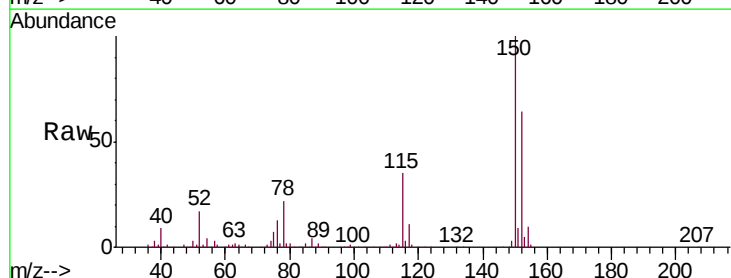
Acq: 15 Mar 2019 18:53

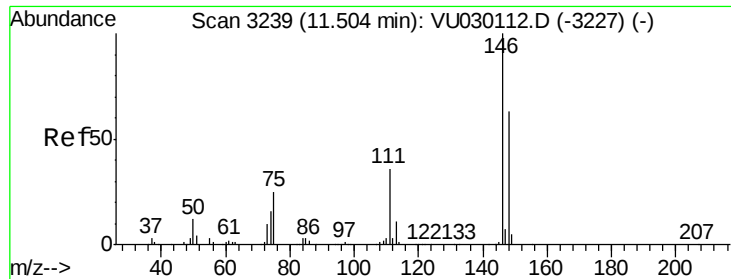
Tgt Ion: 75 Resp: 25926

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8





#63
 1,4-Dichlorobenzene
 Concen: 0.783 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030120.D
 Acq: 15 Mar 2019 18:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C09F9

Tgt Ion:146 Resp: 6013
 Ion Ratio Lower Upper
 146 100
 111 40.7 25.5 47.3
 148 58.5 45.0 83.6

