

Data File : VU030416.D
Acq On : 25 Mar 2019 20:41
Operator : JC/SP
Sample : K2016-18RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E7

Quant Time: Mar 26 01:32:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460857	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176352	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	195236	52.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.28%
7) Chloroethane-d5	1.68	69	152338	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.64%
11) 1,1-Dichloroethene-d2	2.27	63	266182	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
21) 2-Butanone-d5	4.17	46	325303	93.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.64	84	306264	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
26) 1,2-Dichloroethane-d4	5.31	65	202629	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.34	84	641381	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.33	67	218514	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.56	98	552184	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%
43) trans-1,3-Dichloropropene-	7.85	79	93700	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.31	63	215068	92.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287259	46.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	175786	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%

Target Compounds

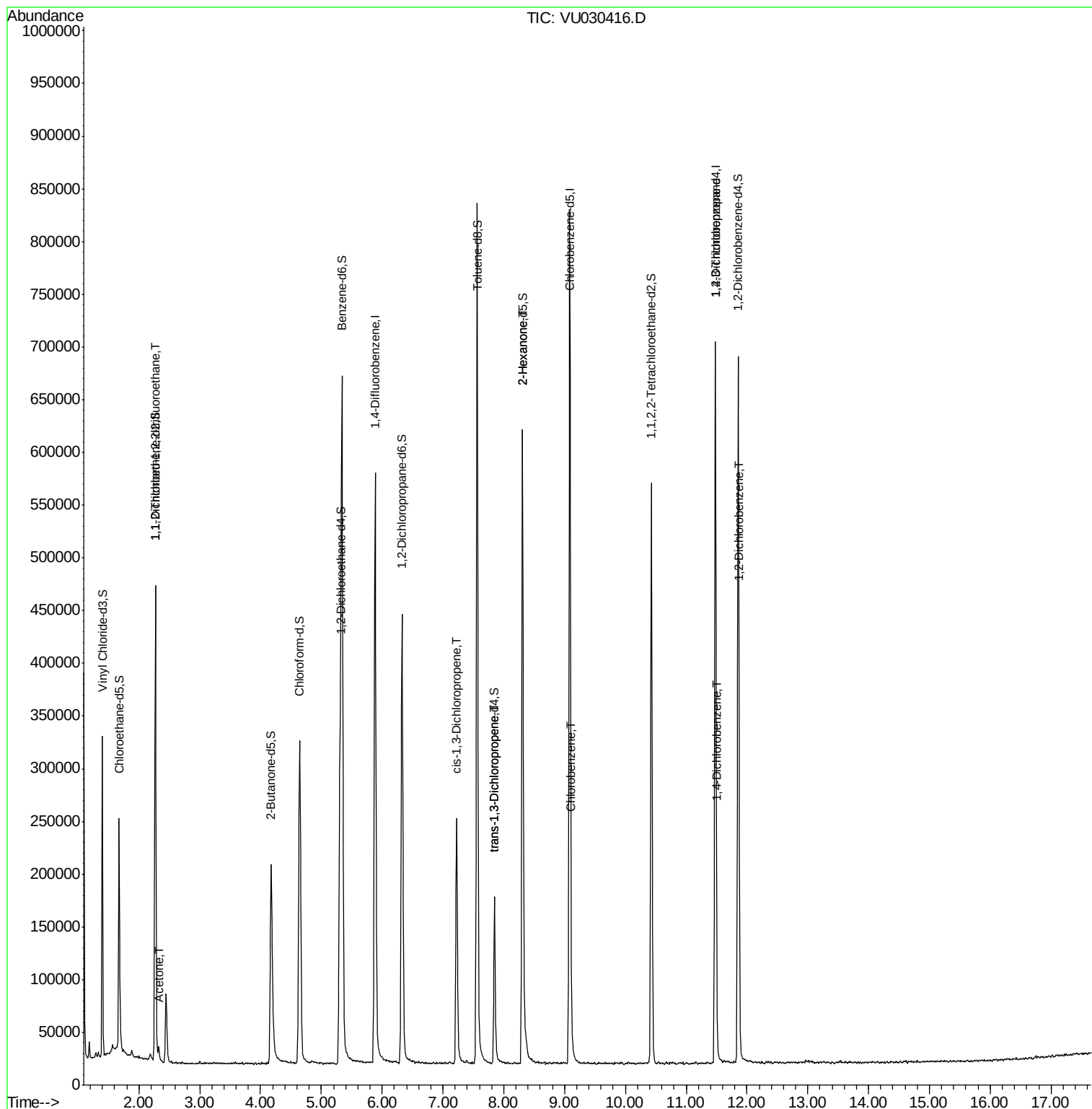
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2268	0.674	ug/L #	21
13) Acetone	2.32	43	9604	2.724	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	5213	0.862	ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	3808	0.716	ug/L	97
48) 2-Hexanone	8.31	43	24613	4.250	ug/L #	71
51) Chlorobenzene	9.12	112	7379	0.791	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	25002	4.883	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	5497	0.926	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	5270	0.904	ug/L #	86

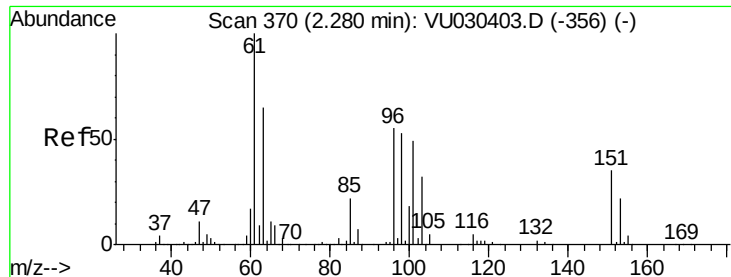
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.674 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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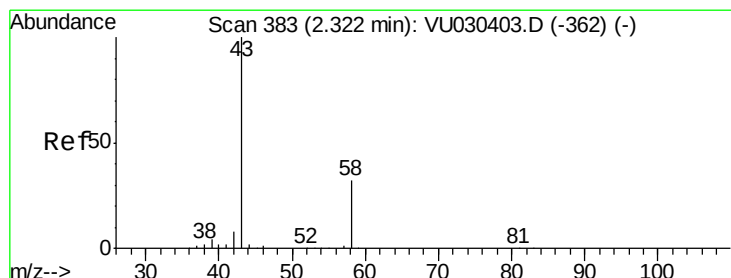
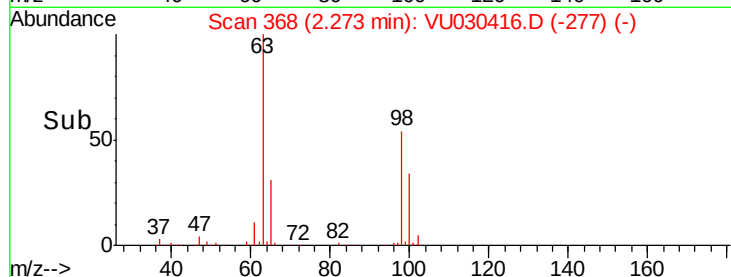
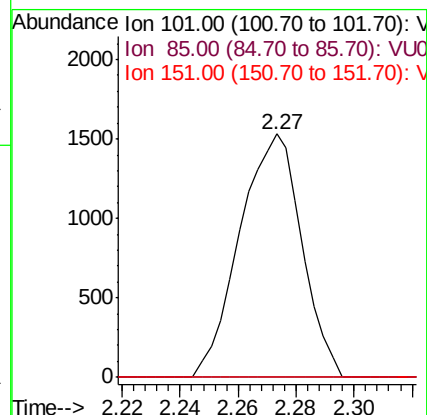
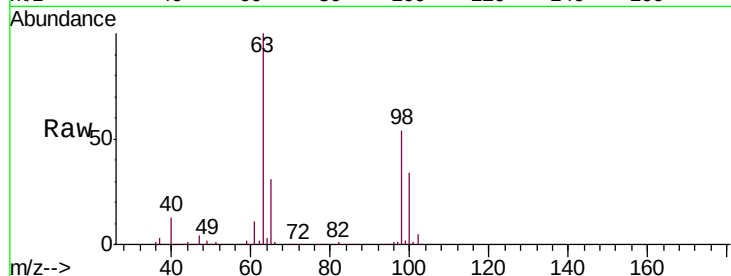
Tgt Ion:101 Resp: 2268

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#



#13

Acetone

Concen: 2.724 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030416.D

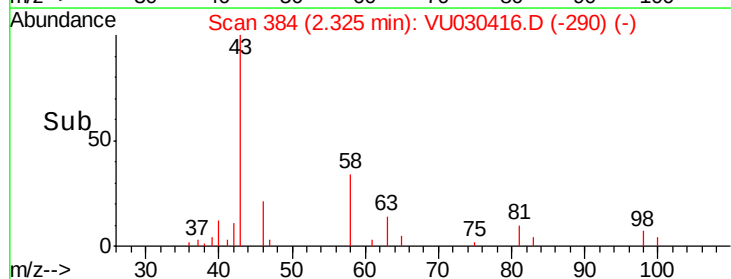
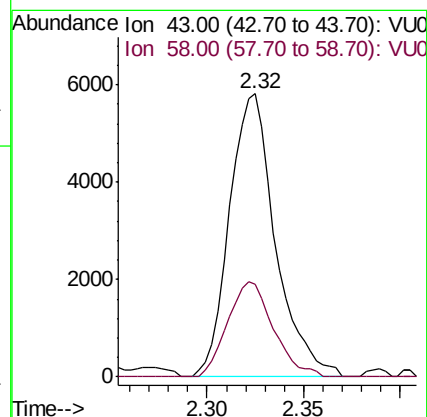
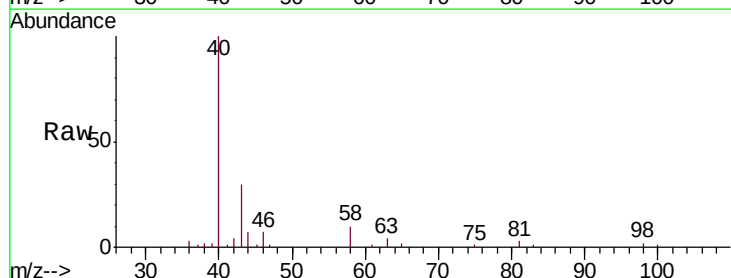
Acq: 25 Mar 2019 20:41

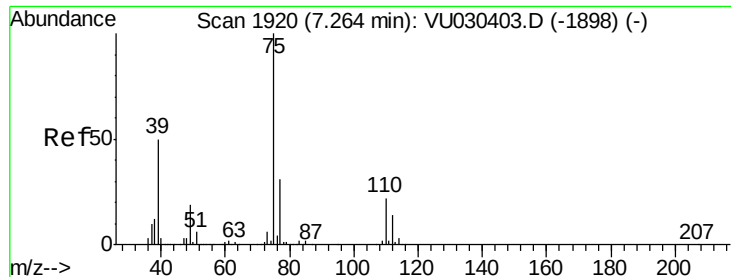
Tgt Ion: 43 Resp: 9604

Ion Ratio Lower Upper

43 100

58 33.5 0.0 62.8





#39

cis-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030416.D

Acq: 25 Mar 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

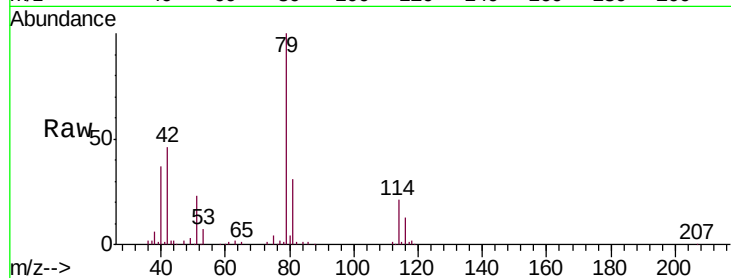
C09E7

Tgt Ion: 75 Resp: 5213

Ion Ratio Lower Upper

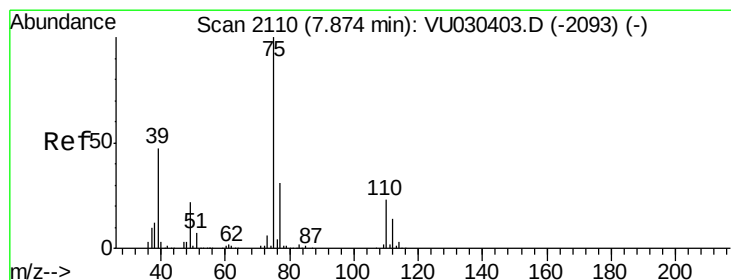
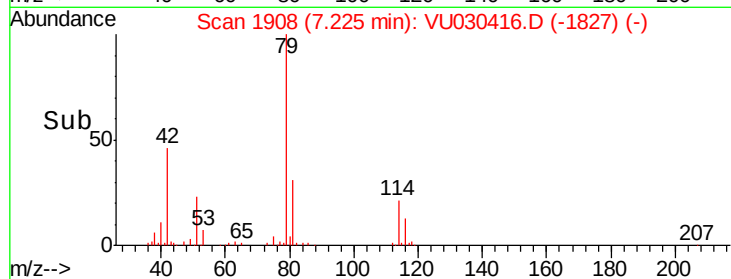
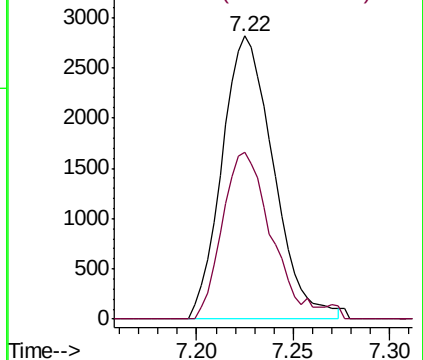
75 100

77 59.0 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030416.D

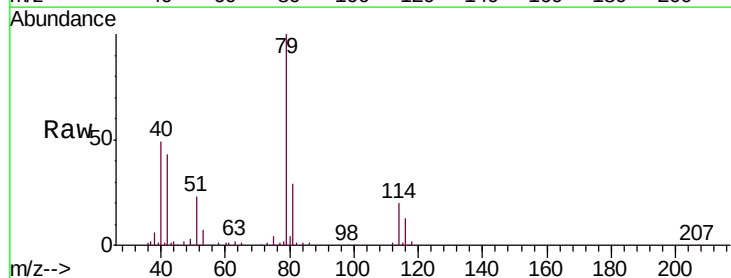
Acq: 25 Mar 2019 20:41

Tgt Ion: 75 Resp: 3808

Ion Ratio Lower Upper

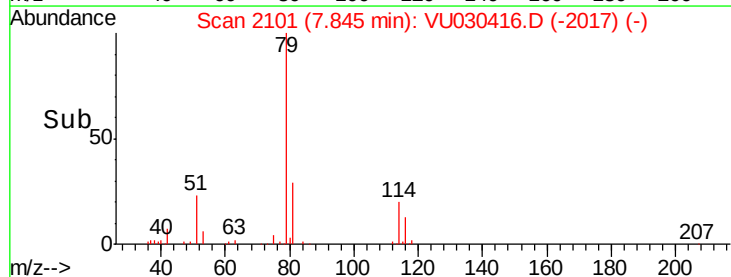
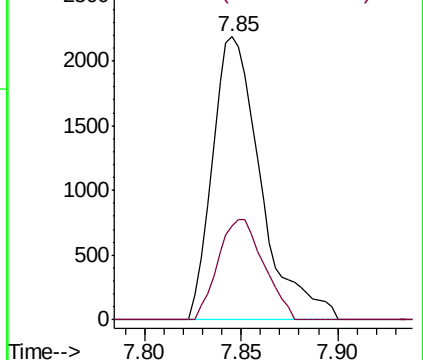
75 100

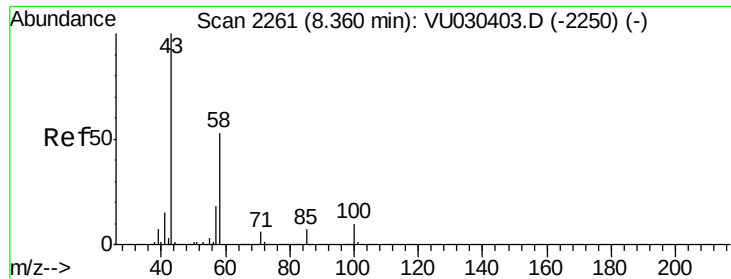
77 33.0 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

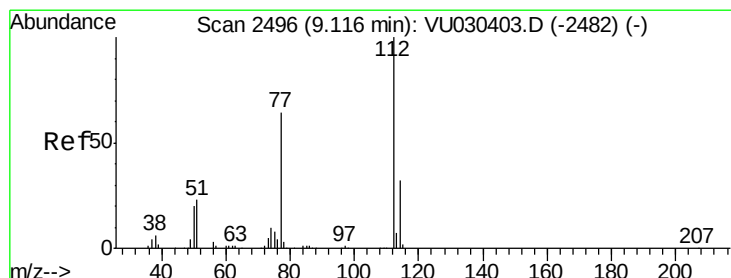
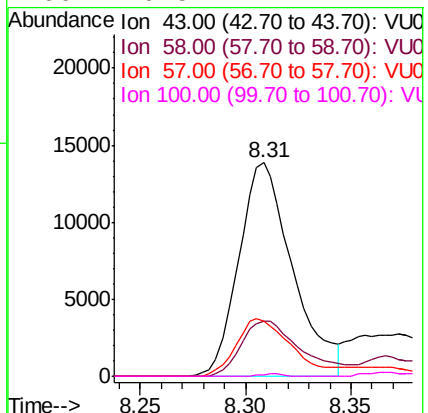
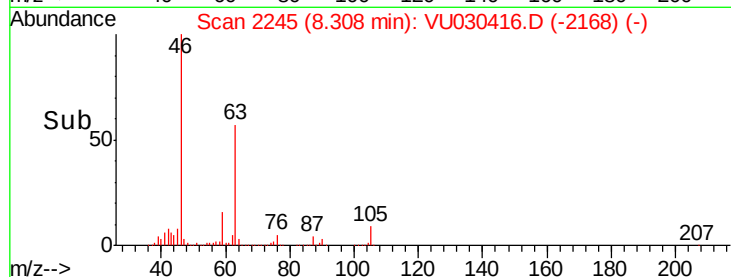
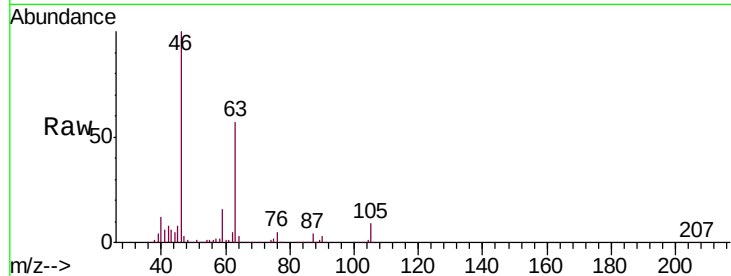




#48
2-Hexanone
Concen: 4.250 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030416.D
Acq: 25 Mar 2019 20:41

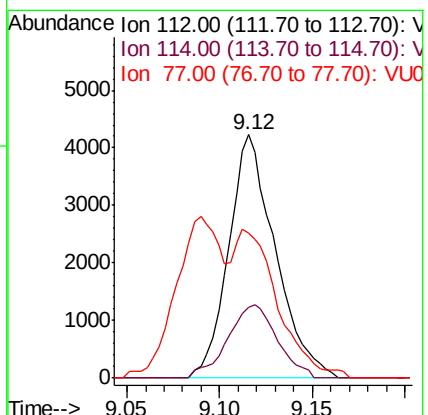
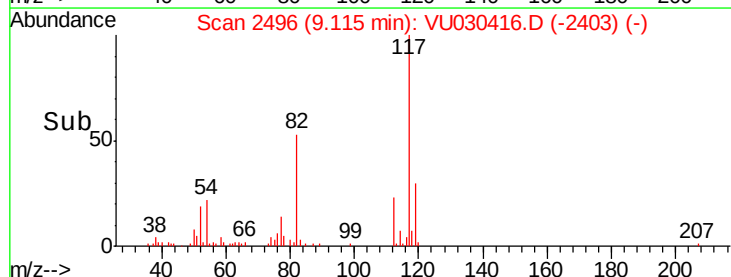
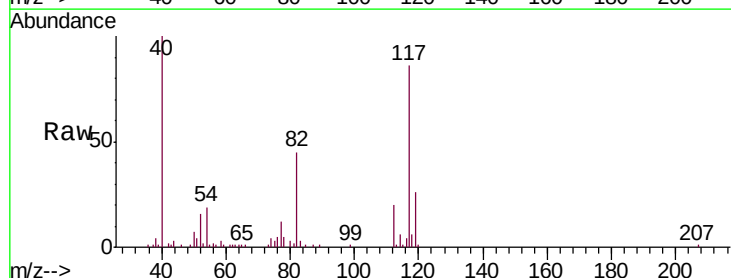
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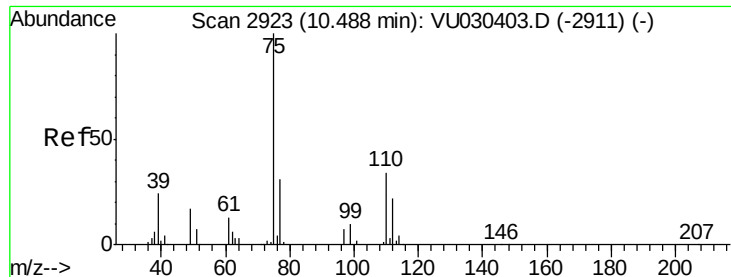
Tgt Ion: 43 Resp: 24613
Ion Ratio Lower Upper
43 100
58 29.1 42.5 63.7#
57 27.5 15.0 22.6#
100 0.5 7.4 11.2#



#51
Chlorobenzene
Concen: 0.791 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030416.D
Acq: 25 Mar 2019 20:41

Tgt Ion: 112 Resp: 7379
Ion Ratio Lower Upper
112 100
114 29.0 21.5 39.9
77 59.6 51.4 77.0

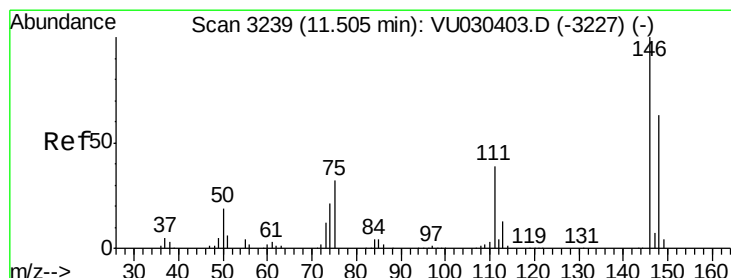
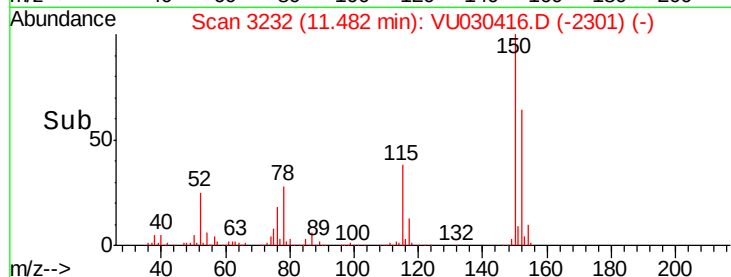
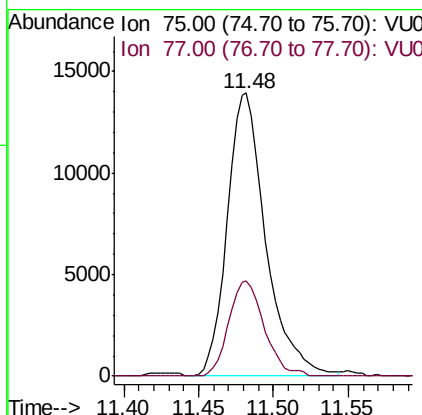
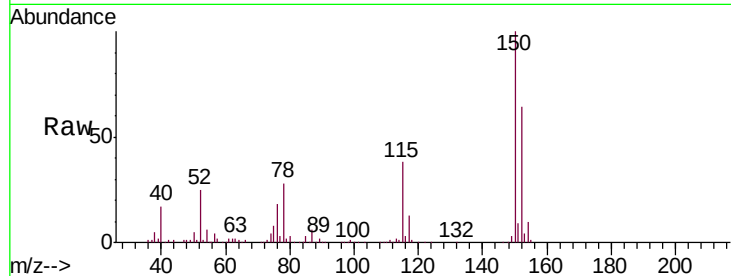




#59
 1,2,3-Trichloropropane
 Concen: 4.883 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030416.D
 Acq: 25 Mar 2019 20:41

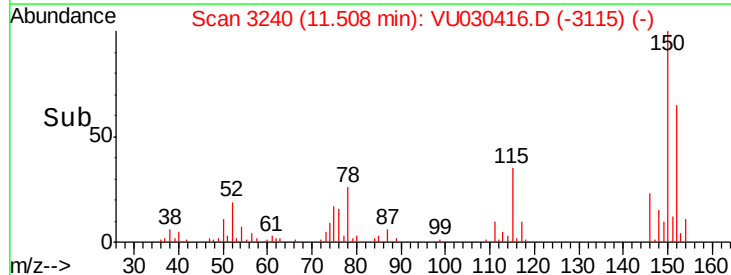
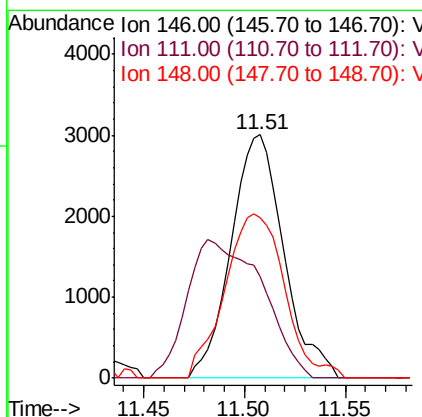
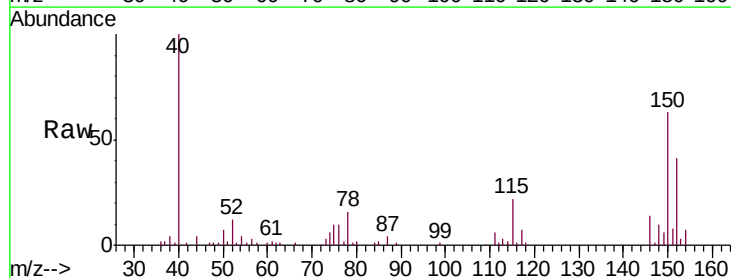
Instrument :
 MSVOA_U
 ClientSampleId :
 C09E7

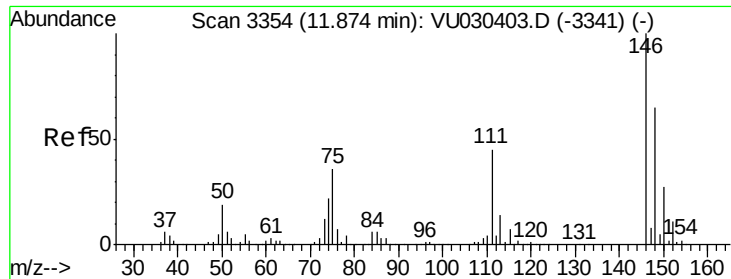
Tgt Ion: 75 Resp: 25002
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#63
 1,4-Dichlorobenzene
 Concen: 0.926 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030416.D
 Acq: 25 Mar 2019 20:41

Tgt Ion: 146 Resp: 5497
 Ion Ratio Lower Upper
 146 100
 111 41.5 28.7 53.3
 148 65.7 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 0.904 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030416.D

Acq: 25 Mar 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

C09E7

Tgt Ion:146 Resp: 5270

Ion Ratio Lower Upper

146 100

111 59.6 34.9 52.3#

148 69.7 51.2 76.8

