

Data File : VU030385.D
Acq On : 24 Mar 2019 23:41
Operator : JC/SP
Sample : K2016-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E6

Quant Time: Mar 25 05:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	392248	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	138106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130736	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.68	69	113319	45.29	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.58%
11) 1,1-Dichloroethene-d2	2.27	63	191972	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.12%
21) 2-Butanone-d5	4.17	46	269749	90.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.90%
24) Chloroform-d	4.65	84	250712	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	167830	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.34	84	518193	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.33	67	182360	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.50%
41) Toluene-d8	7.56	98	443932	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.85	79	69244	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
47) 2-Hexanone-d5	8.31	63	175853	91.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241794	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	140608	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

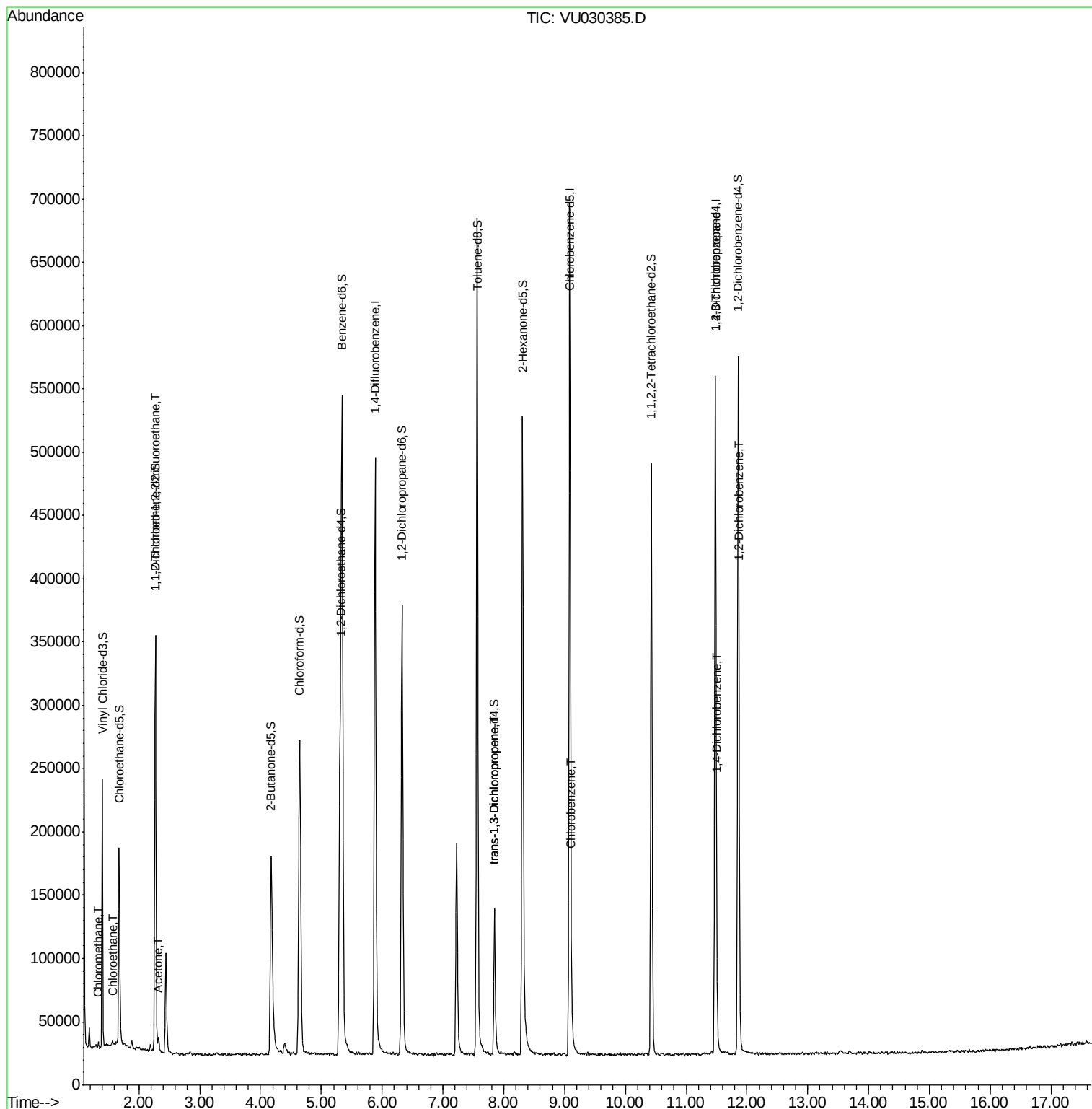
					Qvalue
3) Chloromethane	1.33	50	3386	0.700 ug/L	99
8) Chloroethane	1.58	64	1222	0.472 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1698	0.593 ug/L #	21
13) Acetone	2.32	43	9961	3.319 ug/L	96
44) trans-1,3-Dichloropropene	7.84	75	2619	0.591 ug/L	84
51) Chlorobenzene	9.12	112	16310	2.100 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	23694	5.556 ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	13975	3.006 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	12644	2.769 ug/L	96

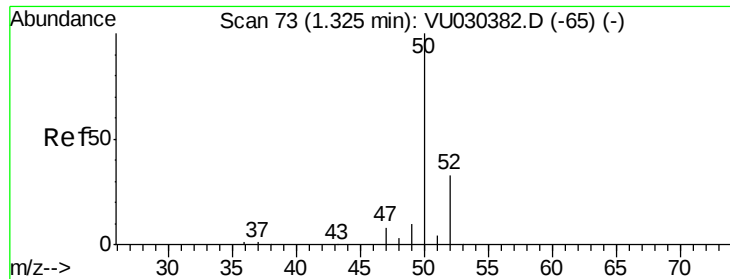
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030385.D
Acq On : 24 Mar 2019 23:41
Operator : JC/SP
Sample : K2016-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E6

Quant Time: Mar 25 05:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.700 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030385.D

Acq: 24 Mar 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

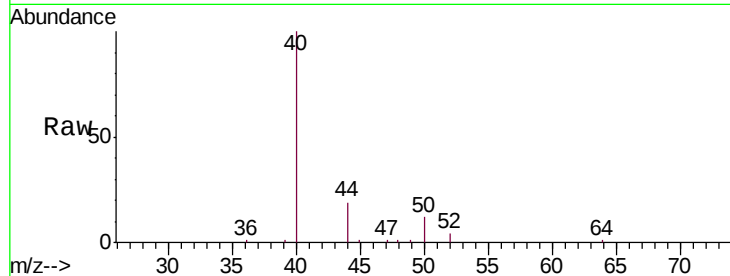
C09E6

Tgt Ion: 50 Resp: 3386

Ion Ratio Lower Upper

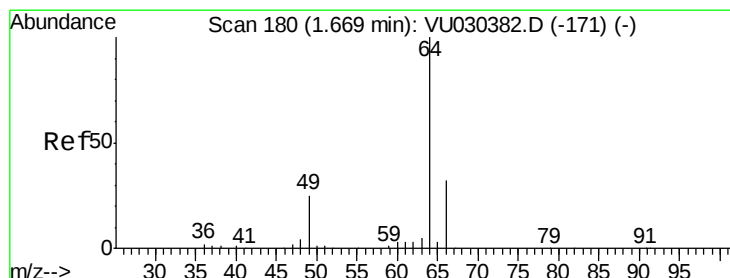
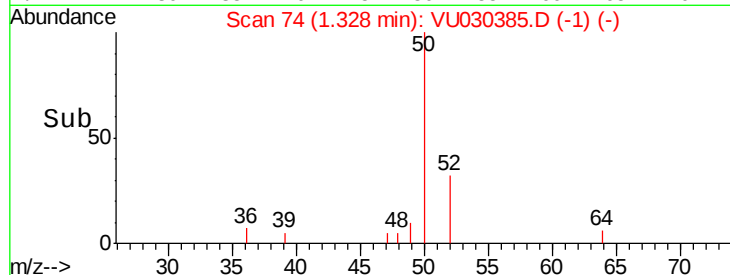
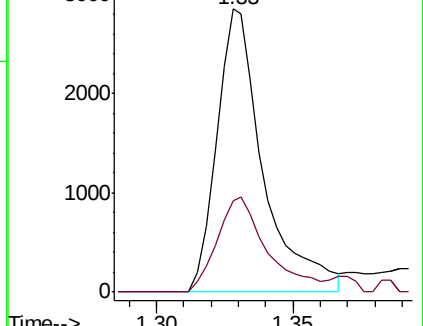
50 100

52 32.3 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030385.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU030385.D (-65) (-)



#8

Chloroethane

Concen: 0.472 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.09 min

Lab File: VU030385.D

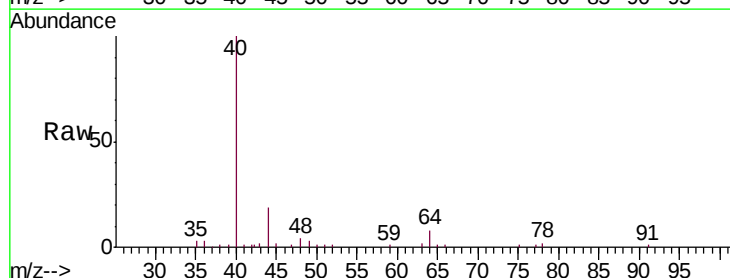
Acq: 24 Mar 2019 23:41

Tgt Ion: 64 Resp: 1222

Ion Ratio Lower Upper

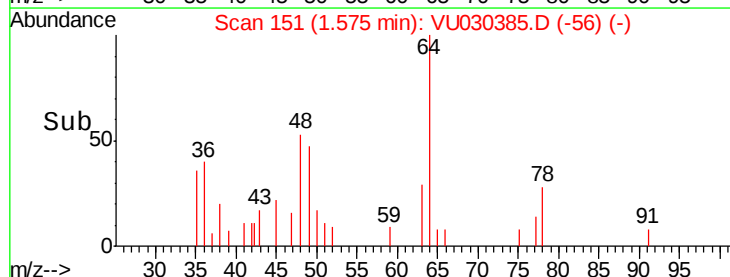
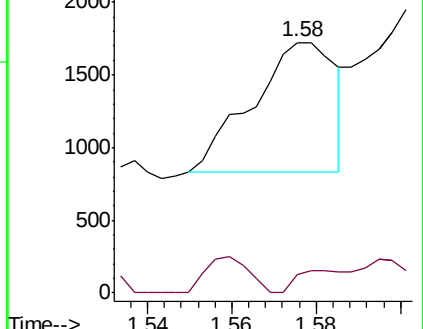
64 100

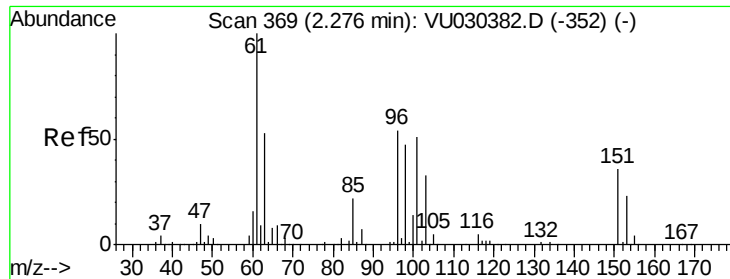
66 7.2 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU030385.D (-56) (-)

Ion 66.00 (65.70 to 66.70): VU030385.D (-56) (-)





#10

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

Concen: 0.593 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030385.D

Acq: 24 Mar 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

C09E6

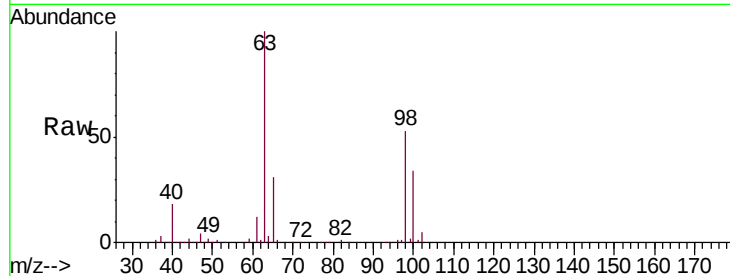
Tgt Ion:101 Resp: 1698

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

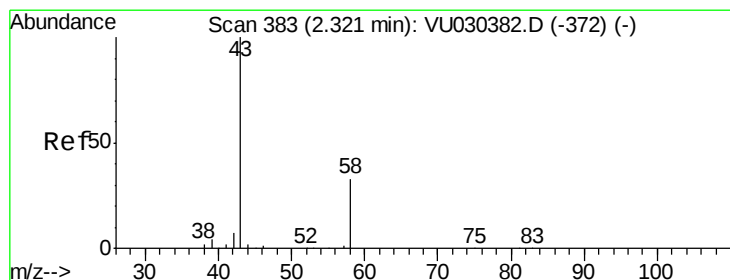
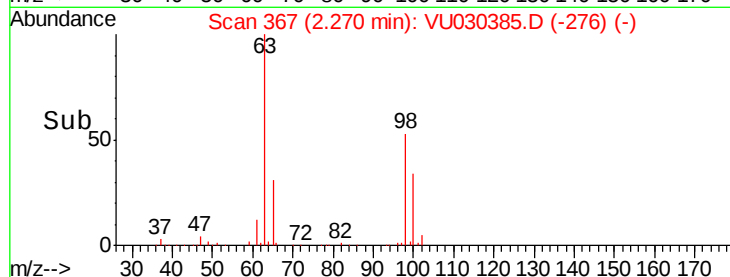
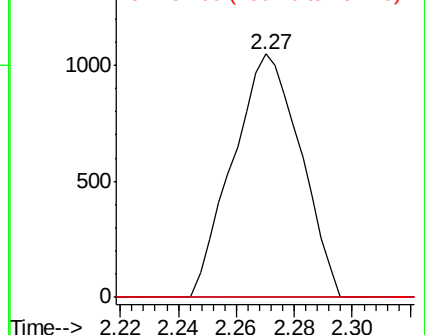
151 0.0 56.6 85.0#



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: 3.319 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030385.D

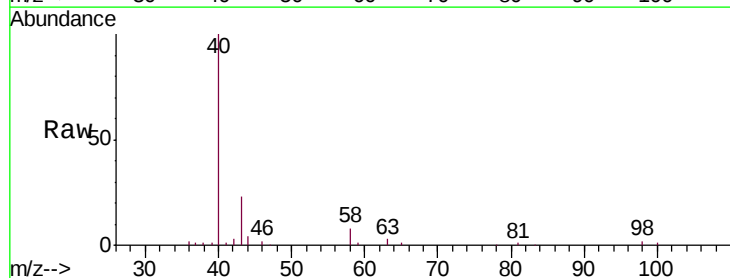
Acq: 24 Mar 2019 23:41

Tgt Ion: 43 Resp: 9961

Ion Ratio Lower Upper

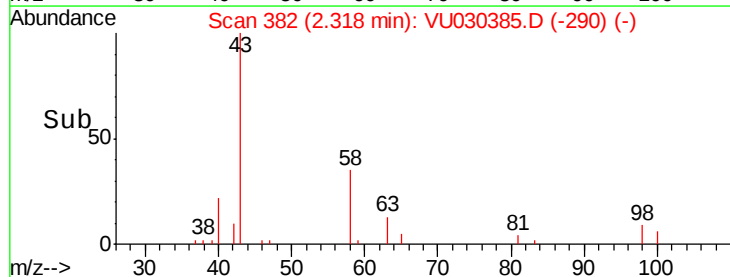
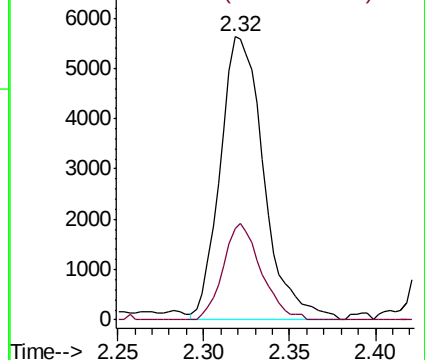
43 100

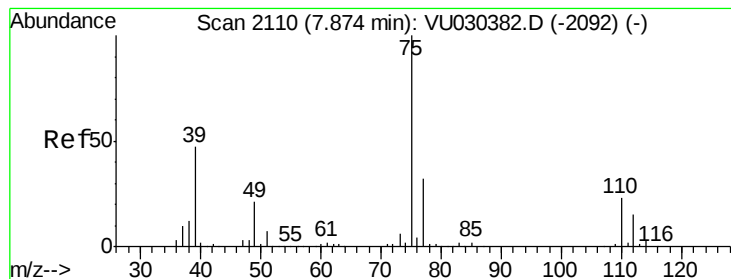
58 29.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU030385.D

Acq: 24 Mar 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

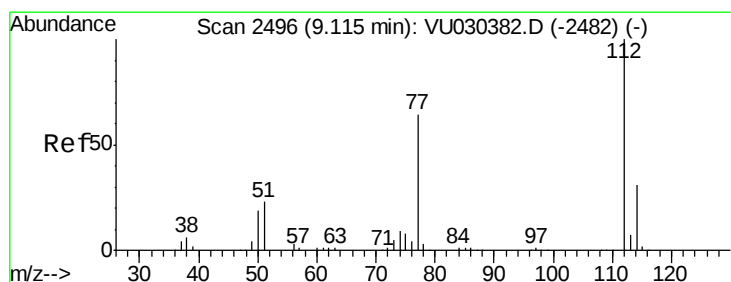
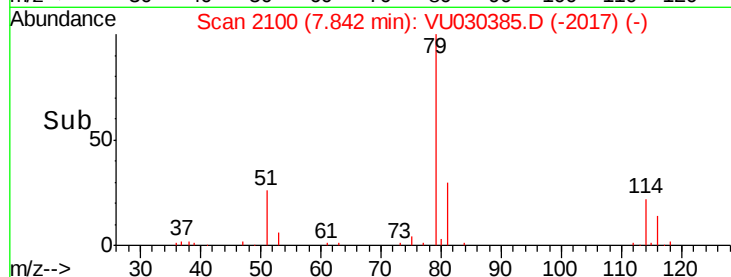
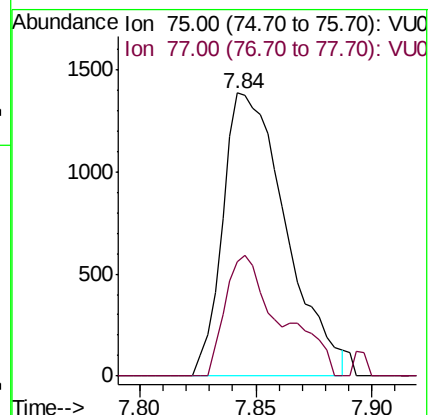
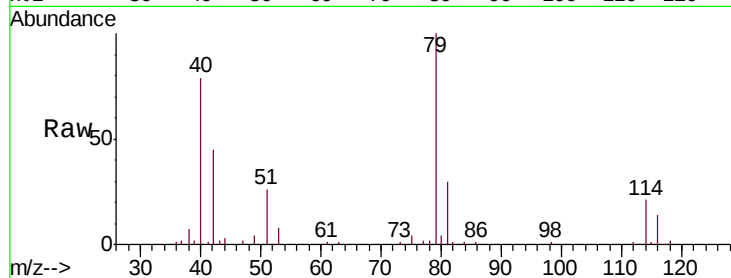
C09E6

Tgt Ion: 75 Resp: 2619

Ion Ratio Lower Upper

75 100

77 40.4 22.0 40.8



#51

Chlorobenzene

Concen: 2.100 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030385.D

Acq: 24 Mar 2019 23:41

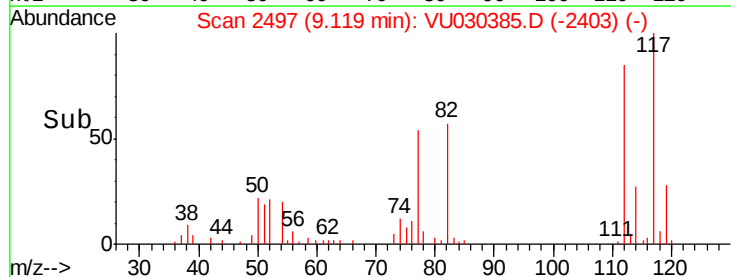
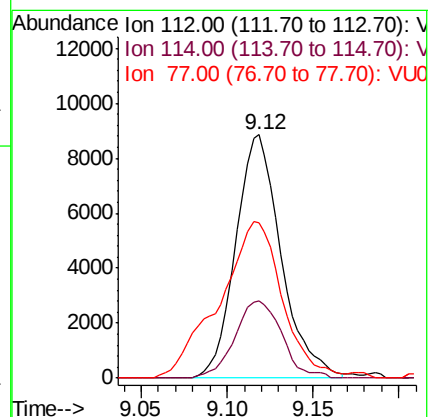
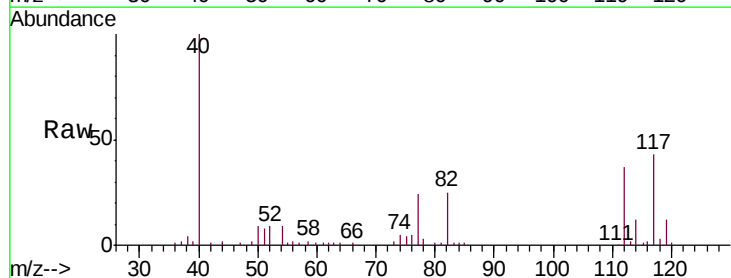
Tgt Ion: 112 Resp: 16310

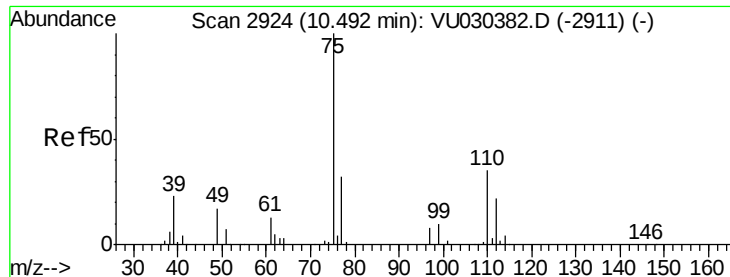
Ion Ratio Lower Upper

112 100

114 31.7 21.5 39.9

77 63.8 51.4 77.0

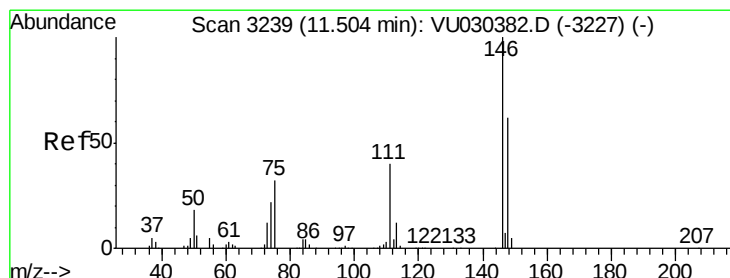
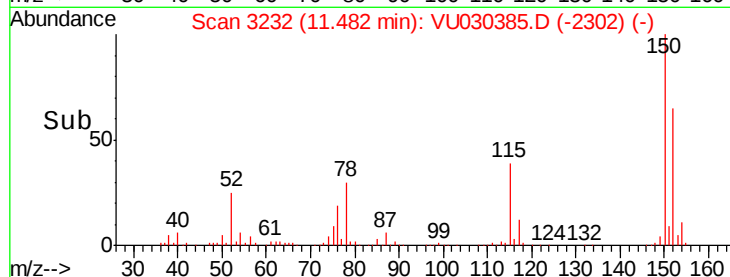
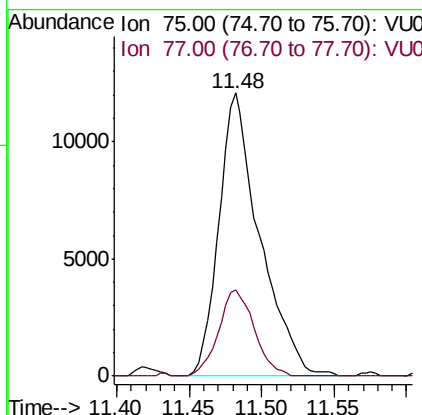
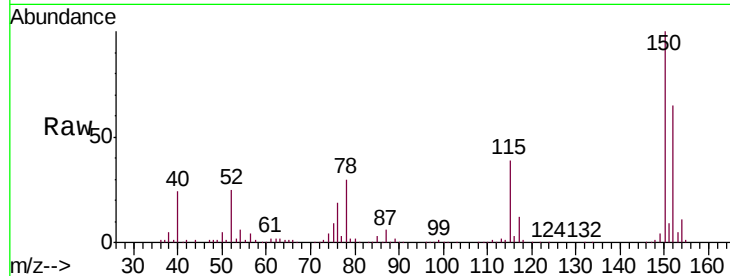




#59
 1,2,3-Trichloropropane
 Concen: 5.556 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030385.D
 Acq: 24 Mar 2019 23:41

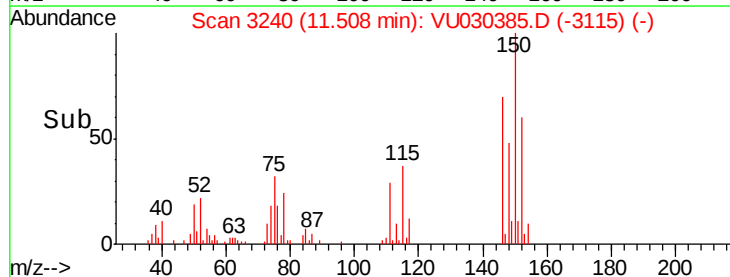
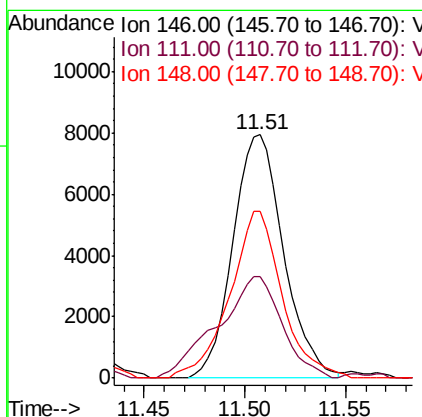
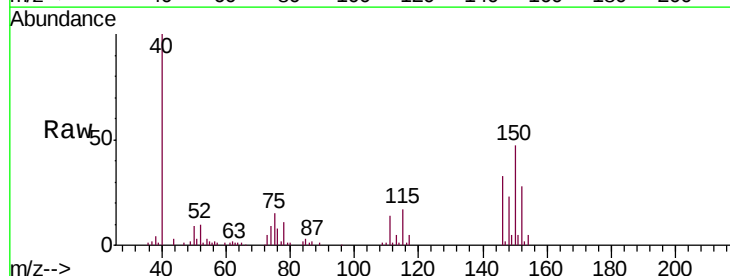
Instrument :
 MSVOA_U
 ClientSampled :
 C09E6

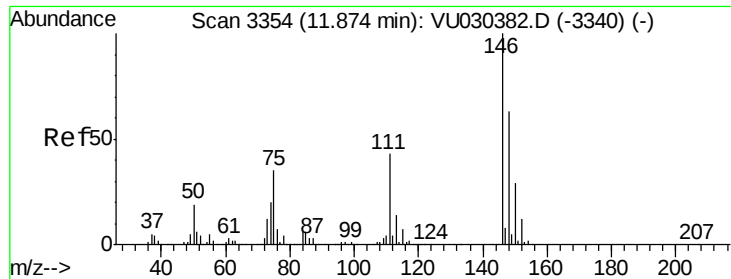
Tgt Ion: 75 Resp: 23694
 Ion Ratio Lower Upper
 75 100
 77 26.4 25.4 38.2



#63
 1,4-Dichlorobenzene
 Concen: 3.006 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030385.D
 Acq: 24 Mar 2019 23:41

Tgt Ion: 146 Resp: 13975
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.7 53.3
 148 68.6 44.3 82.3

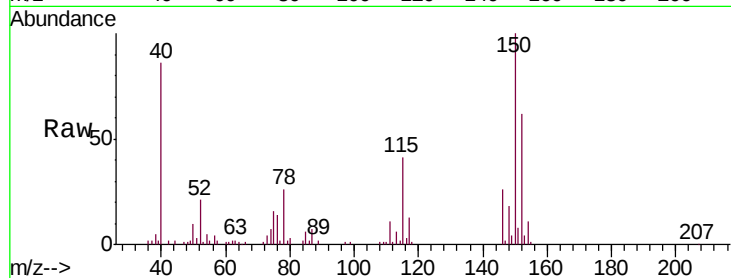




#65
 1,2-Dichlorobenzene
 Concen: 2.769 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030385.D
 Acq: 24 Mar 2019 23:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C09E6

Tgt Ion:146 Resp: 12644
 Ion Ratio Lower Upper
 146 100
 111 41.7 34.9 52.3
 148 67.7 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

