

Data File : VU030392.D
Acq On : 25 Mar 2019 02:27
Operator : JC/SP
Sample : K2070-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C6

Quant Time: Mar 25 05:53:39 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	420629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	394782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129958	38.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.78%
7) Chloroethane-d5	1.68	69	112676	41.99	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.27	63	193295	30.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.20%
21) 2-Butanone-d5	4.17	46	296030	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.65	84	262998	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.31	65	176115	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
32) Benzene-d6	5.34	84	534561	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.33	67	190699	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.56	98	466487	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.85	79	78114	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.78%
47) 2-Hexanone-d5	8.31	63	198796	94.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258777	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	167973	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

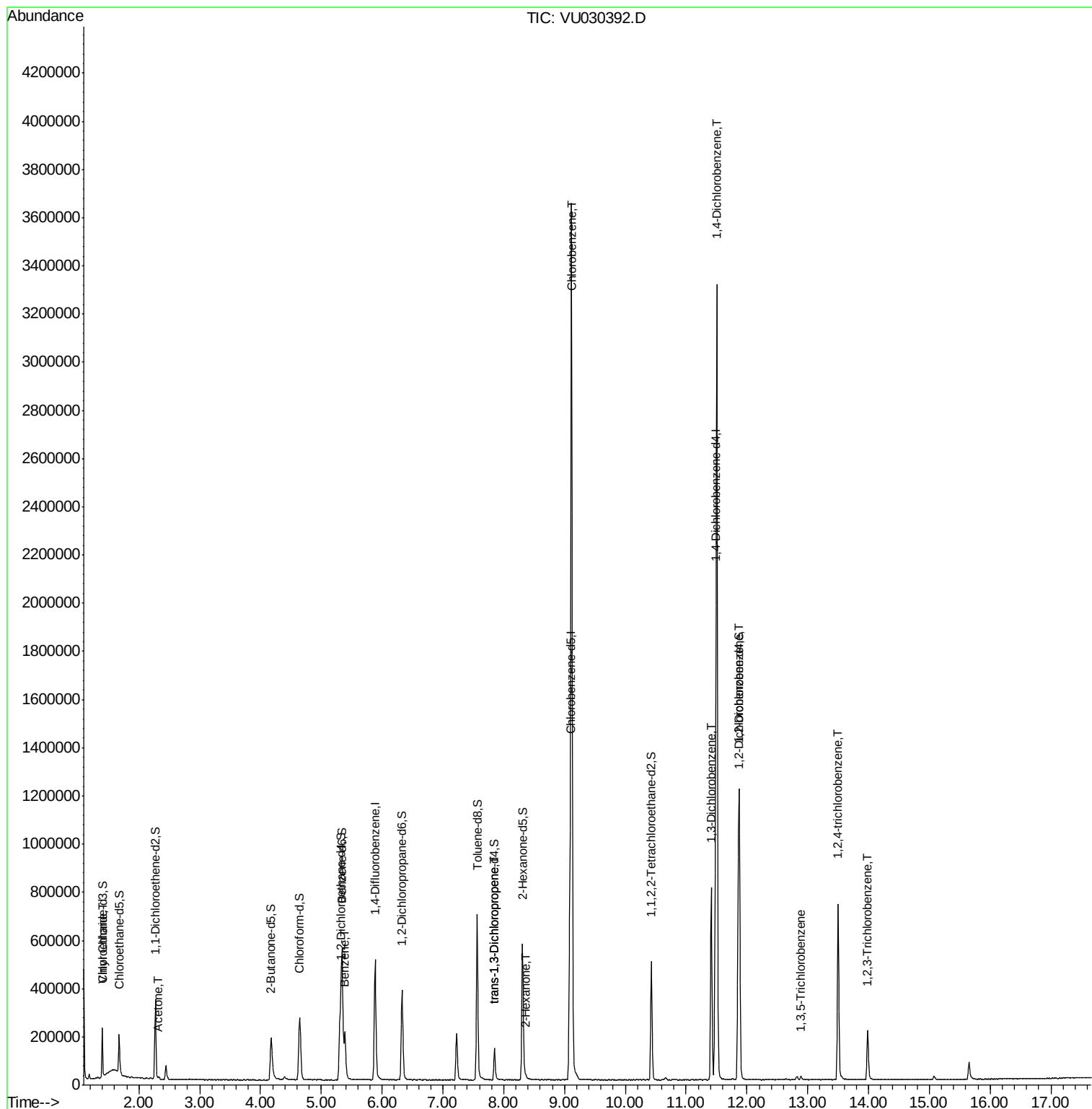
					Qvalue
8) Chloroethane	1.40	64	5440	1.958 ug/L #	47
13) Acetone	2.32	43	10944	3.401 ug/L	95
33) Benzene	5.39	78	191117	14.221 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3159	0.655 ug/L	95
48) 2-Hexanone	8.36	43	5325	1.014 ug/L #	46
51) Chlorobenzene	9.12	112	1887743	223.326 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	313724	54.760 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1229594	208.481 ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	407394	70.326 ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	5024	1.171 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	226665	60.825 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	66676	16.944 ug/L	99

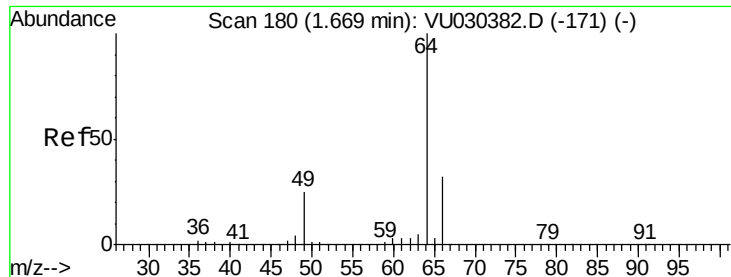
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.958 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.27 min

Lab File: VU030392.D

Acq: 25 Mar 2019 02:27

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MSVOA_U

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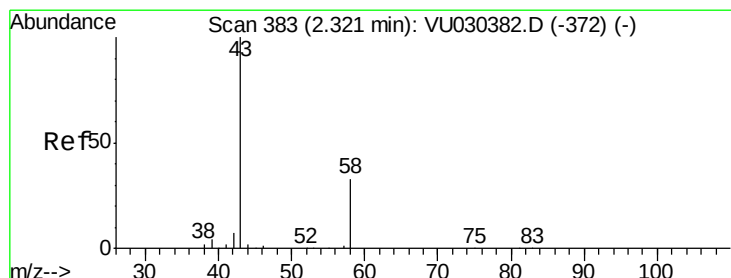
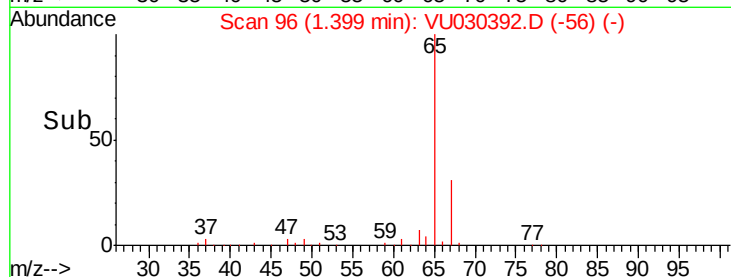
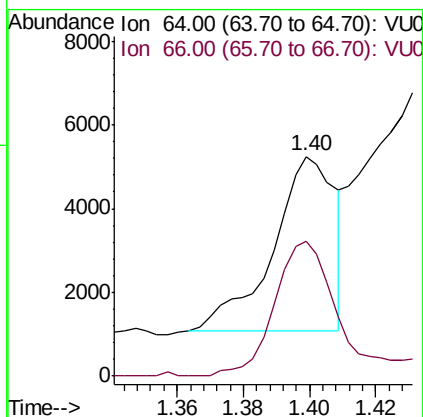
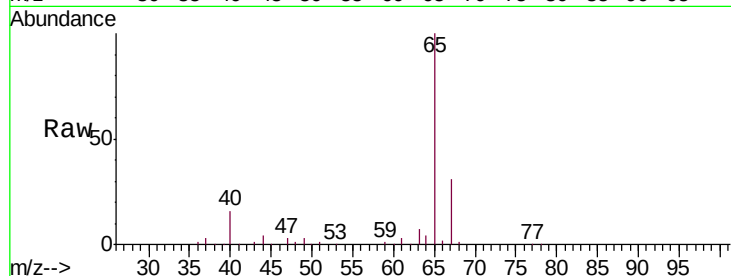
C09C6

Tgt Ion: 64 Resp: 5440

Ion Ratio Lower Upper

64 100

66 61.6 22.5 41.7#



#13

Acetone

Concen: 3.401 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030392.D

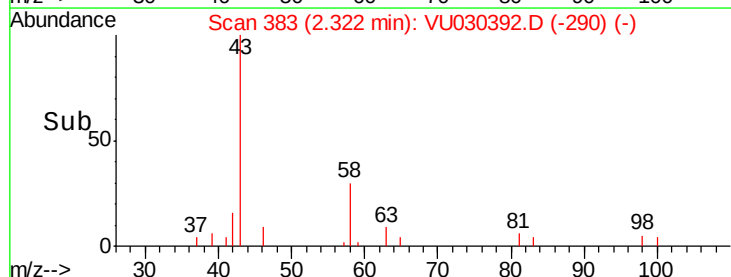
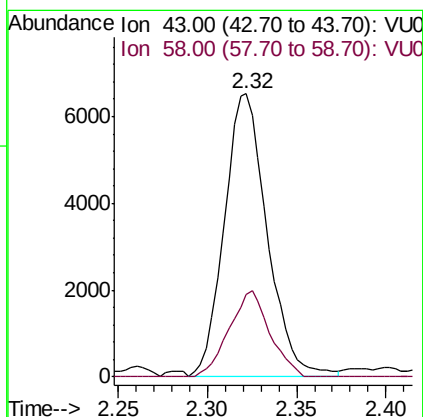
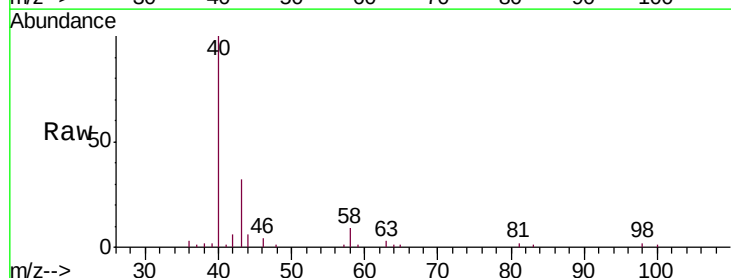
Acq: 25 Mar 2019 02:27

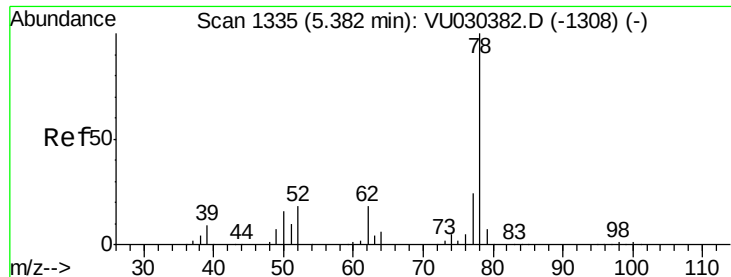
Tgt Ion: 43 Resp: 10944

Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.8





#33

Benzene

Concen: 14.221 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU030392.D

Acq: 25 Mar 2019 02:27

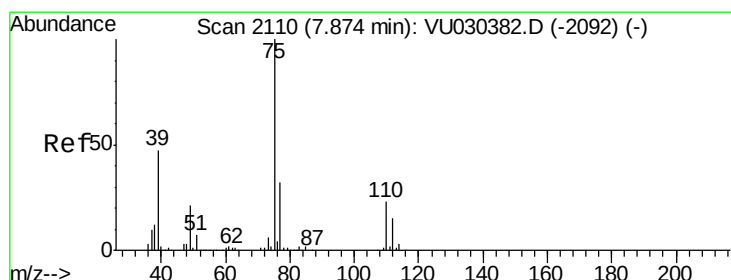
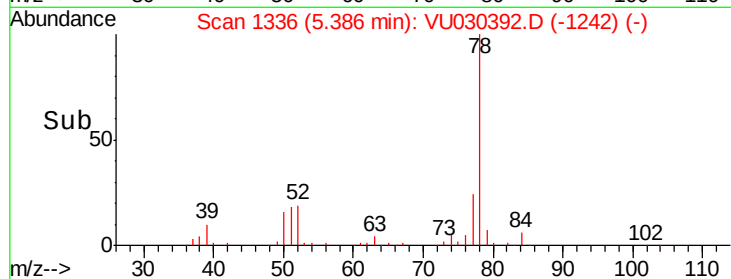
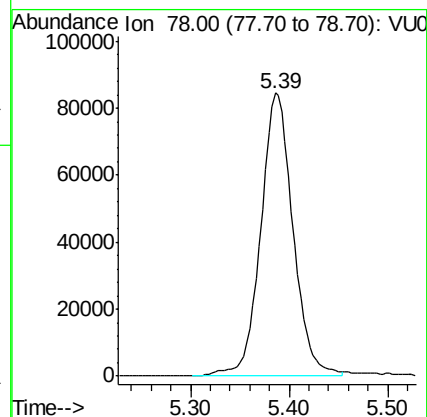
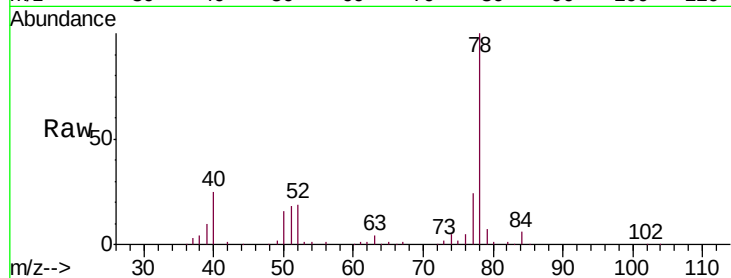
Instrument :

MSVOA_U

ClientSampleId :

C09C6

Tgt Ion: 78 Resp: 191117



#44

trans-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030392.D

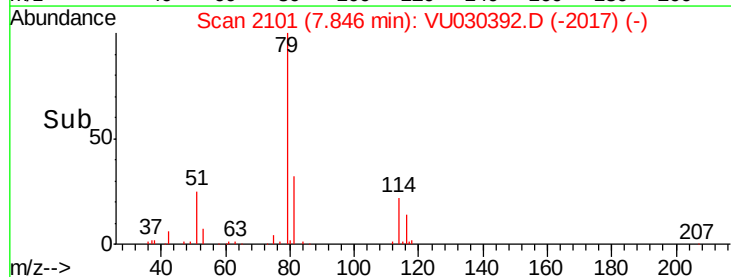
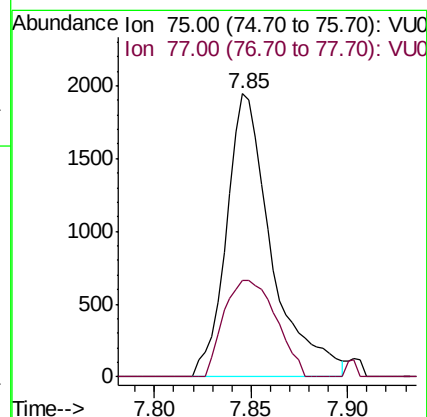
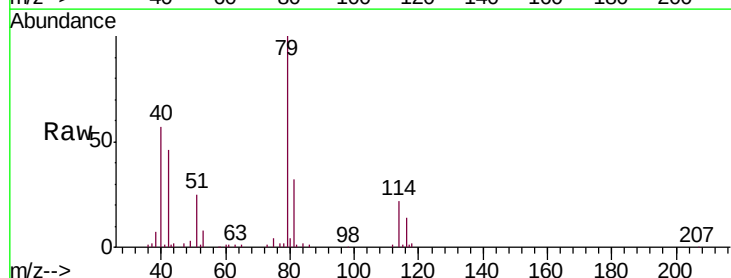
Acq: 25 Mar 2019 02:27

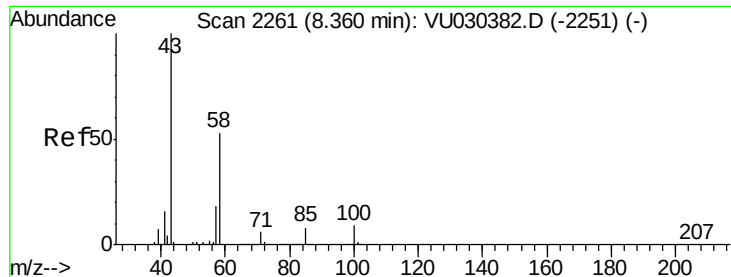
Tgt Ion: 75 Resp: 3159

Ion Ratio Lower Upper

75 100

77 34.0 22.0 40.8

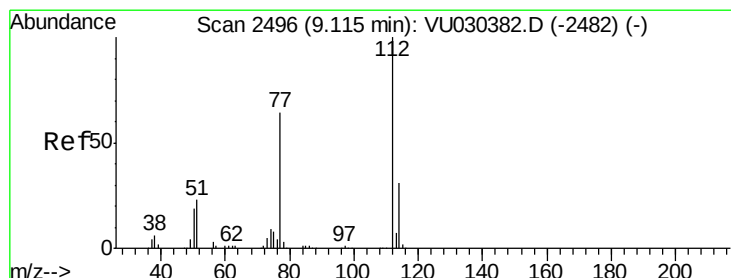
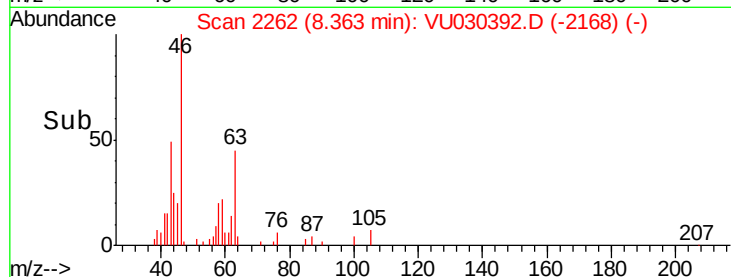
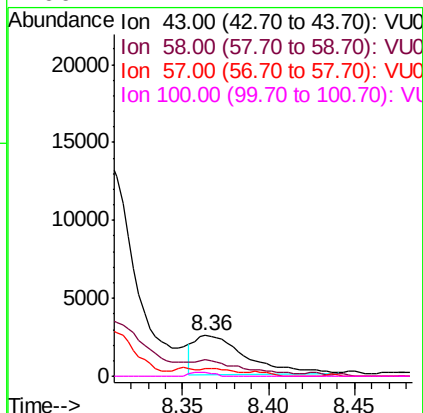
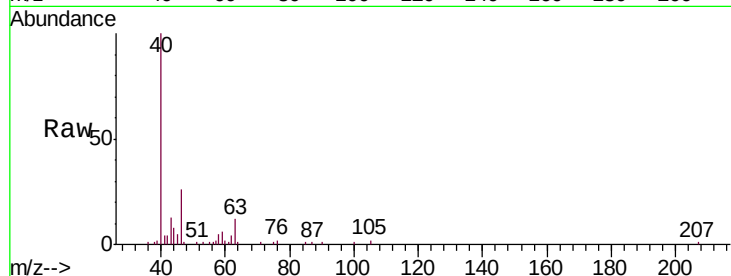




#48
2-Hexanone
Concen: 1.014 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030392.D
Acq: 25 Mar 2019 02:27

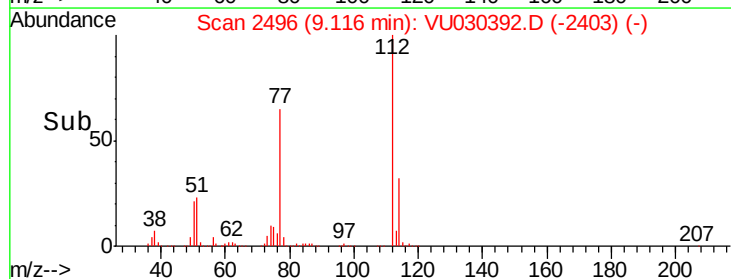
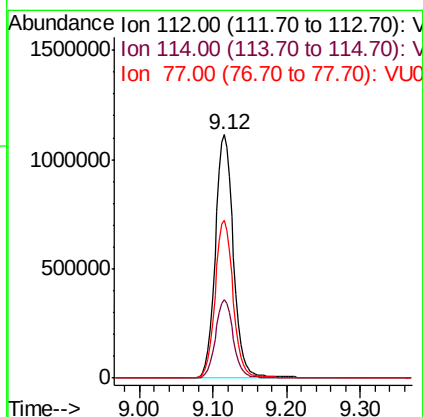
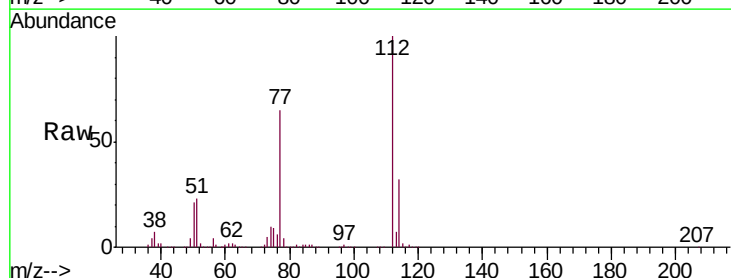
Instrument :
MSVOA_U
ClientSampleId :
C09C6

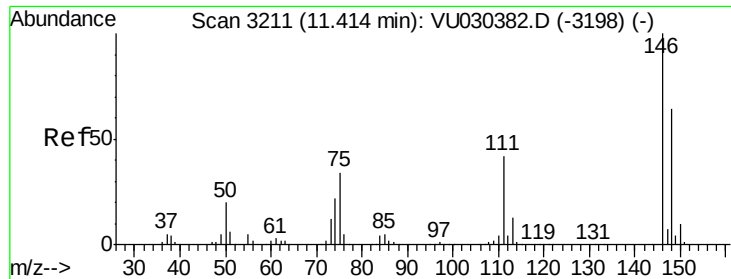
Tgt Ion:	43	Resp:	5325
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.5	63.7#
57	11.3	15.0	22.6#
100	4.4	7.4	11.2#



#51
Chlorobenzene
Concen: 223.326 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030392.D
Acq: 25 Mar 2019 02:27

Tgt Ion:	112	Resp:	1887743
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.5	39.9
77	64.8	51.4	77.0

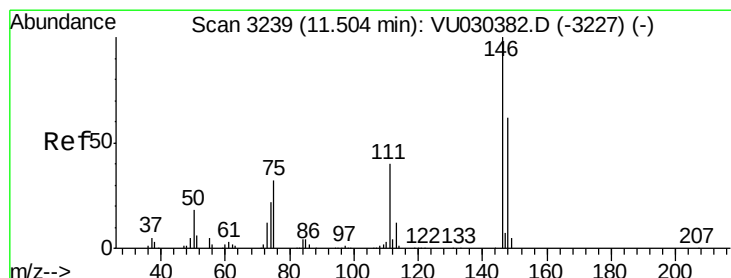
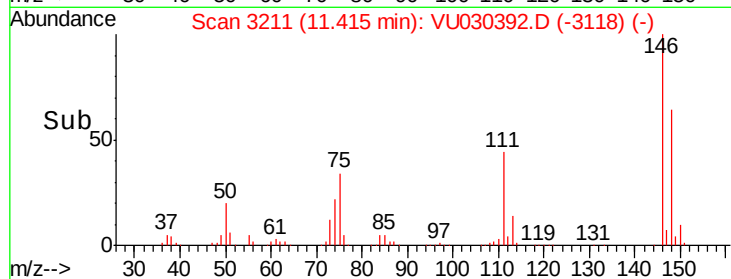
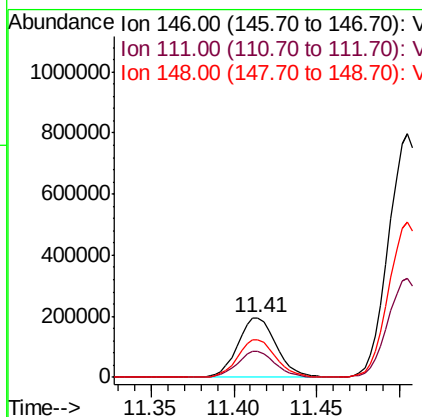
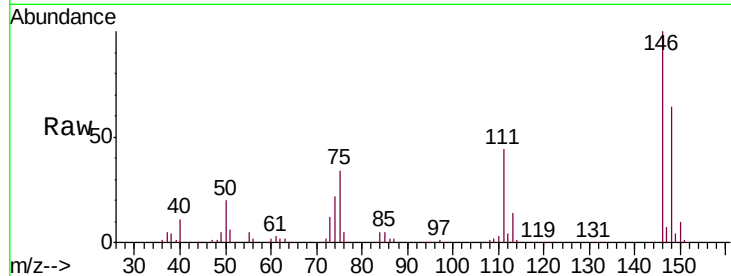




#62
 1,3-Dichlorobenzene
 Concen: 54.760 ug/L
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

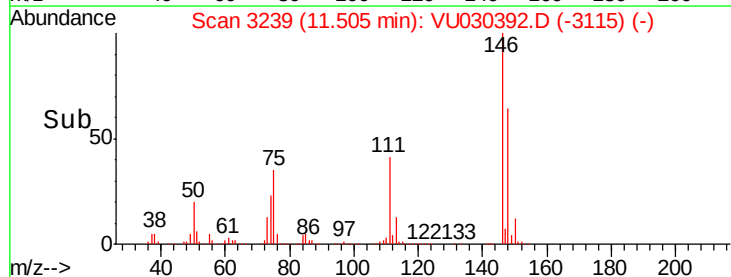
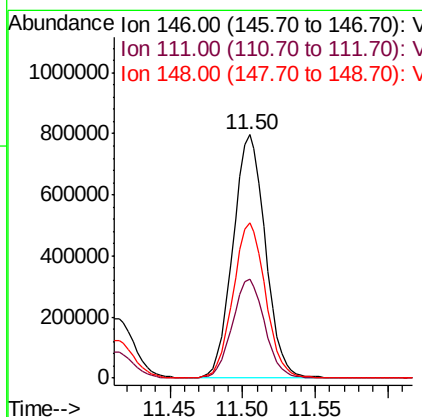
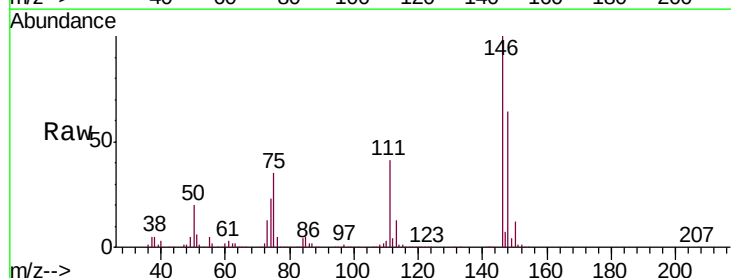
Instrument :
 MSVOA_U
 ClientSampled :
 C09C6

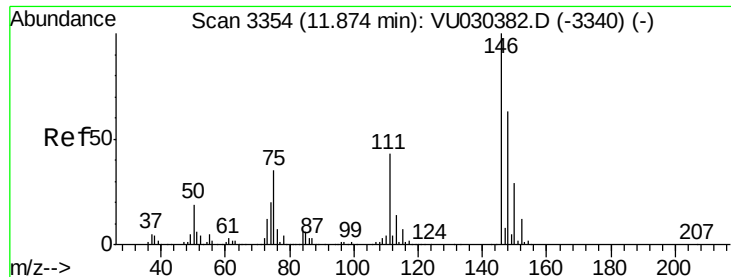
Tgt Ion:146 Resp: 313724
 Ion Ratio Lower Upper
 146 100
 111 43.7 29.2 54.2
 148 63.7 44.4 82.4



#63
 1,4-Dichlorobenzene
 Concen: 208.481 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

Tgt Ion:146 Resp: 1229594
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.7 53.3
 148 63.7 44.3 82.3

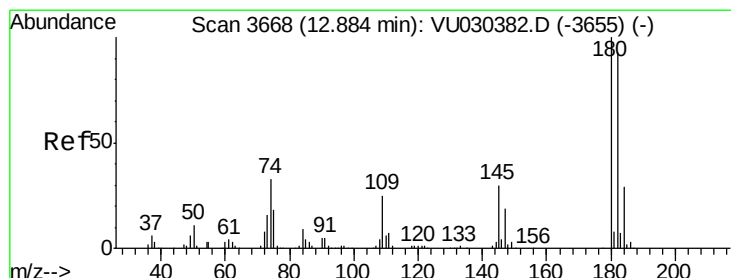
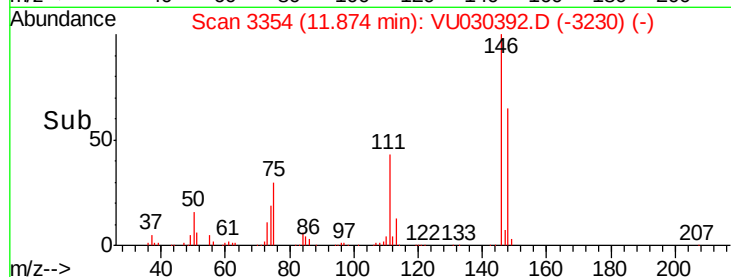
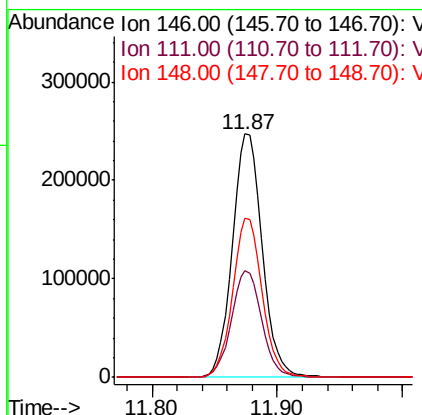
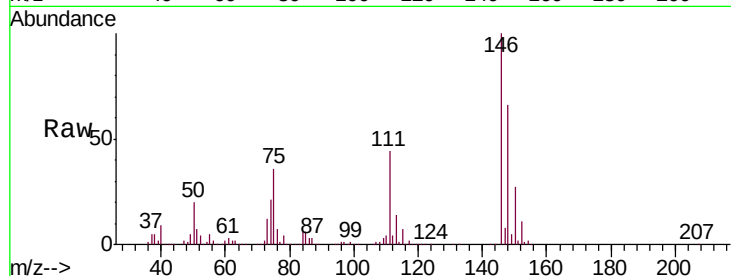




#65
 1,2-Dichlorobenzene
 Concen: 70.326 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

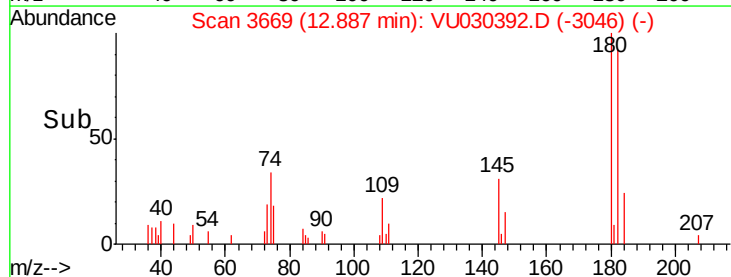
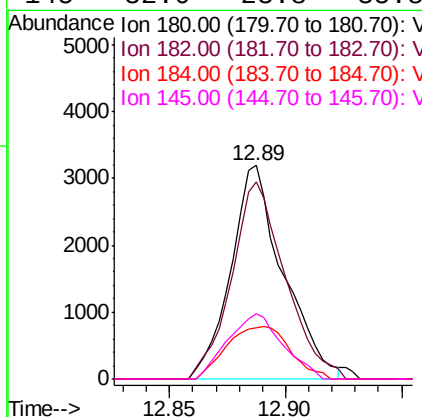
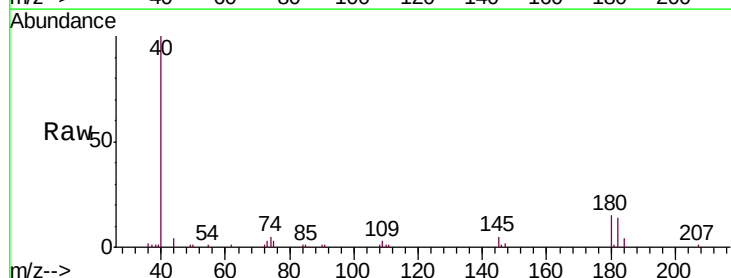
Instrument :
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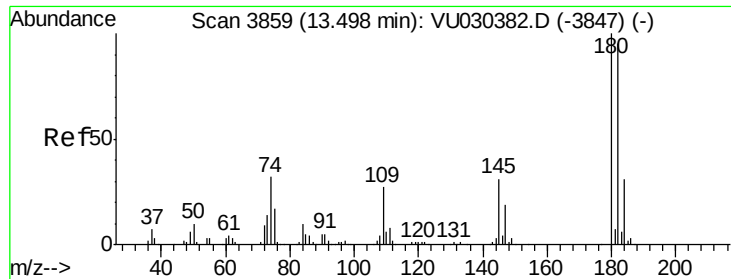
Tgt Ion:146 Resp: 407394
 Ion Ratio Lower Upper
 146 100
 111 43.7 34.9 52.3
 148 65.5 51.2 76.8



#67
 1,3,5-Trichlorobenzene
 Concen: 1.171 ug/L
 RT: 12.89 min Scan# 3669
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

Tgt Ion:180 Resp: 5024
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.9 113.9
 184 29.5 24.1 36.1
 145 32.0 23.8 35.8

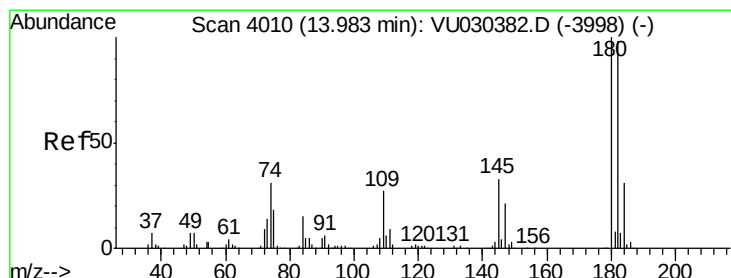
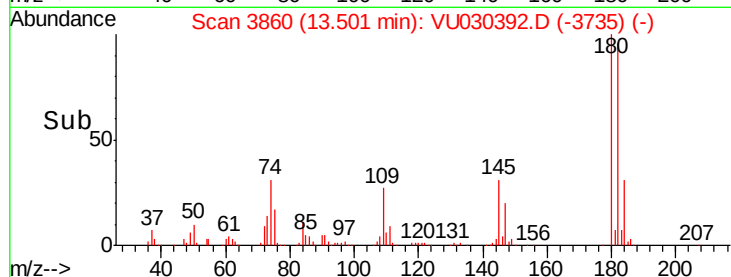
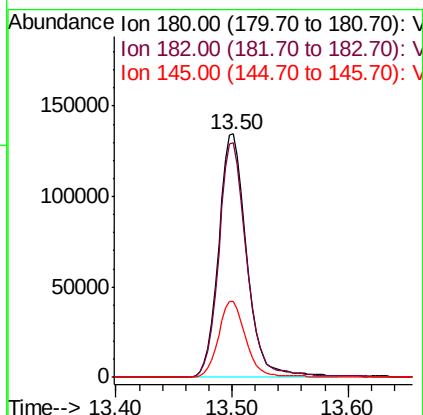
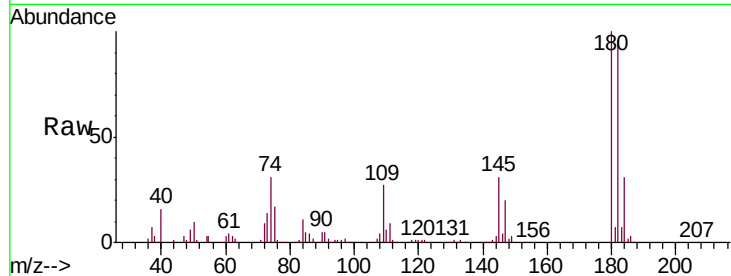




#68
 1,2,4-trichlorobenzene
 Concen: 60.825 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C6

Tgt Ion:180 Resp: 226665
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.1 114.1
 145 30.1 24.5 36.7



#70
 1,2,3-Trichlorobenzene
 Concen: 16.944 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU030392.D
 Acq: 25 Mar 2019 02:27

Tgt Ion:180 Resp: 66676
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.4 116.2
 145 32.0 25.9 38.9

