

Data File : VU033236.D
Acq On : 12 Jul 2019 20:50
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jul 13 00:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296377	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	112578	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.36%
7) Chloroethane-d5	1.67	69	101434	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.84%
11) 1,1-Dichloroethene-d2	2.26	63	150255	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	4.15	46	147053	103.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.62	84	184592	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
26) 1,2-Dichloroethane-d4	5.29	65	125206	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.32	84	388981	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.34%
36) 1,2-Dichloropropane-d6	6.31	67	124328	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.55	98	346575	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%
43) trans-1,3-Dichloropropene-	7.83	79	56955	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.29	63	114704	110.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.61%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	182377	52.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	130834	56.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.28%

Target Compounds

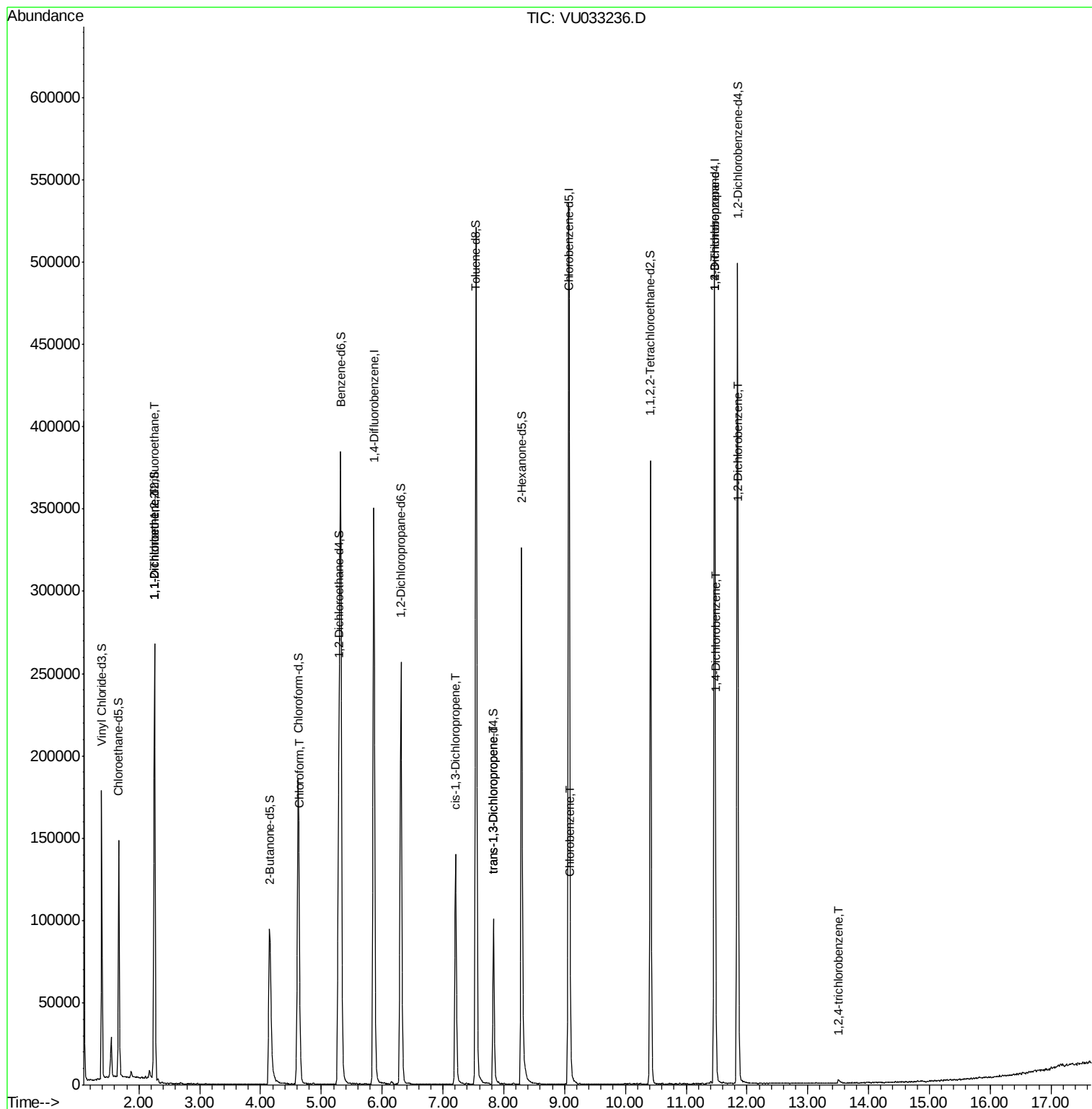
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1371	0.678	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1166	0.589	ug/L #	1
25) Chloroform	4.64	83	4468	1.069	ug/L	89
39) cis-1,3-Dichloropropene	7.21	75	3477	0.980	ug/L #	68
44) trans-1,3-Dichloropropene	7.83	75	2767	0.864	ug/L	99
51) Chlorobenzene	9.10	112	6535	1.088	ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	18465	6.127	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	7087	1.685	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	6859	1.663	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	984	0.388	ug/L #	63

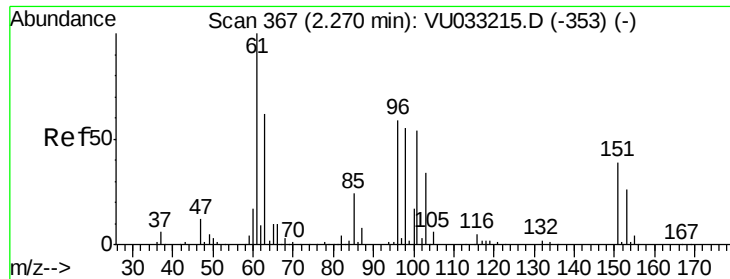
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033236.D
Acq On : 12 Jul 2019 20:50
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jul 13 00:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration





#10

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

Concen: 0.678 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033236.D

Acq: 12 Jul 2019 20:50

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

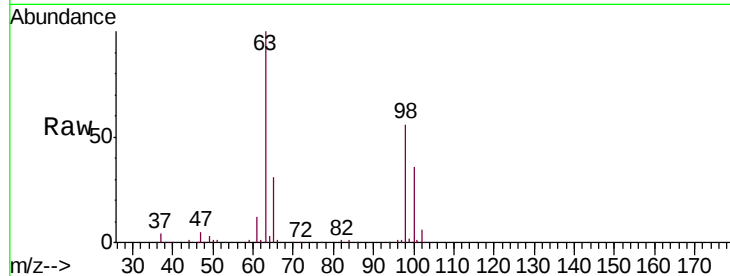
Tgt Ion:101 Resp: 1371

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

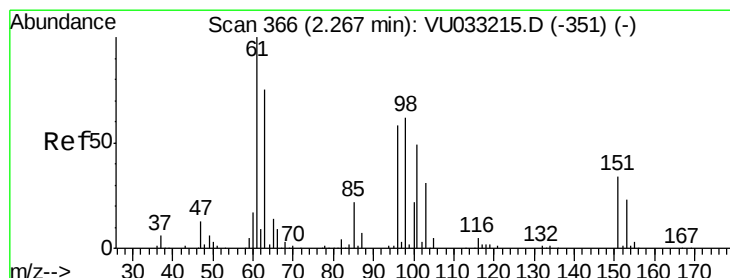
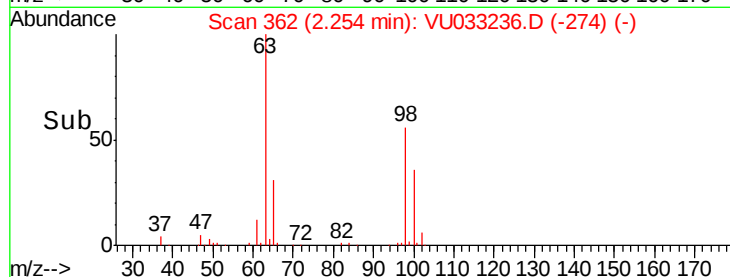
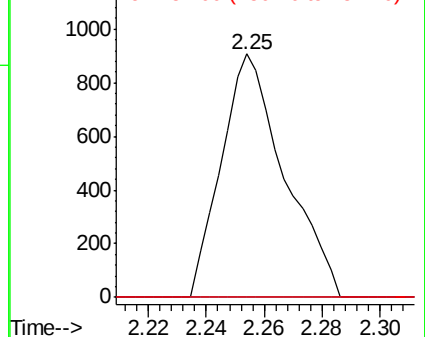
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033236.D

Acq: 12 Jul 2019 20:50

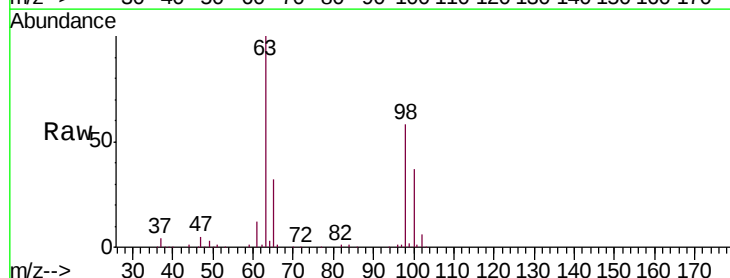
Tgt Ion: 96 Resp: 1166

Ion Ratio Lower Upper

96 100

61 1465.5 126.1 234.1#

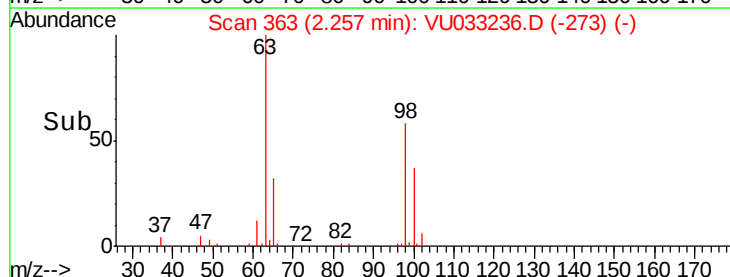
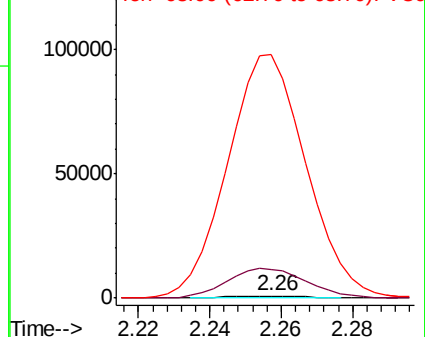
63 12363.6 96.8 179.8#

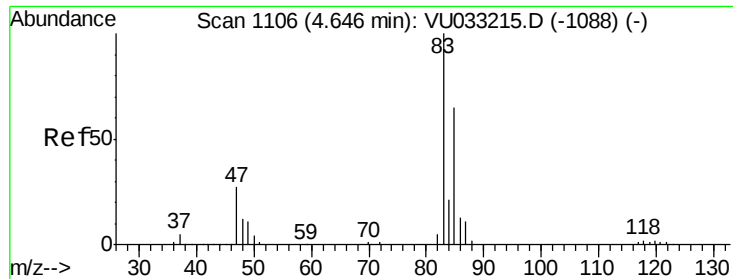


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

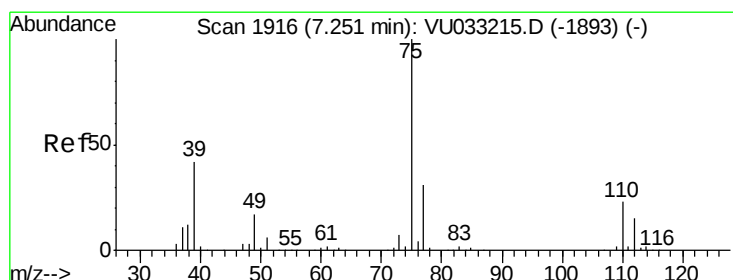
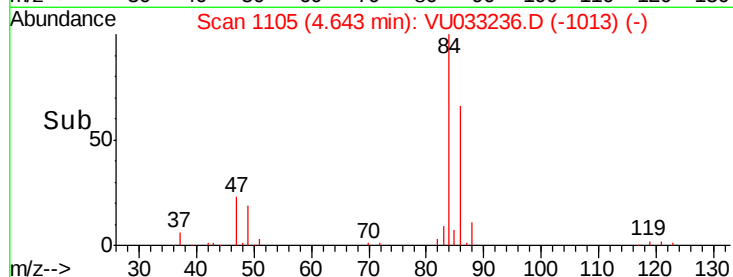
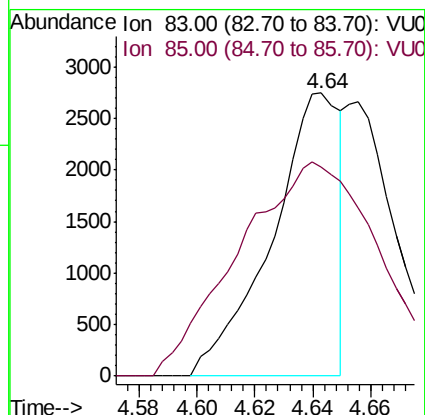
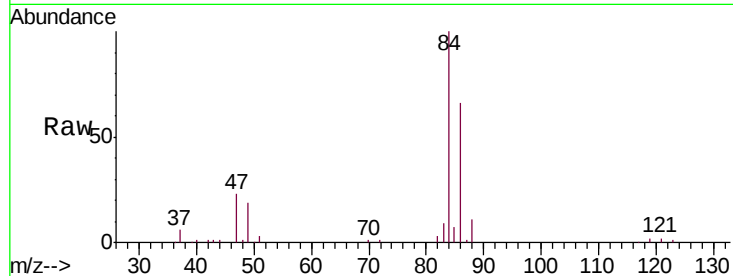




#25
Chloroform
Concen: 1.069 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033236.D
Acq: 12 Jul 2019 20:50

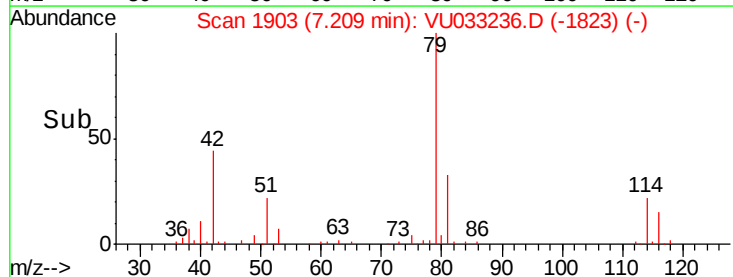
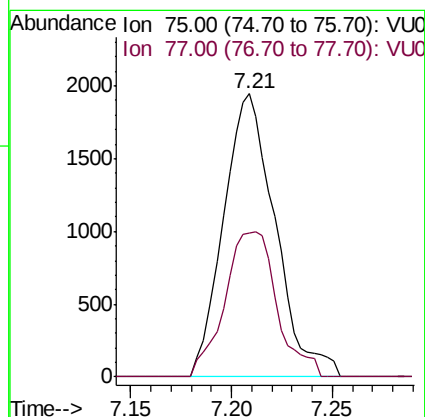
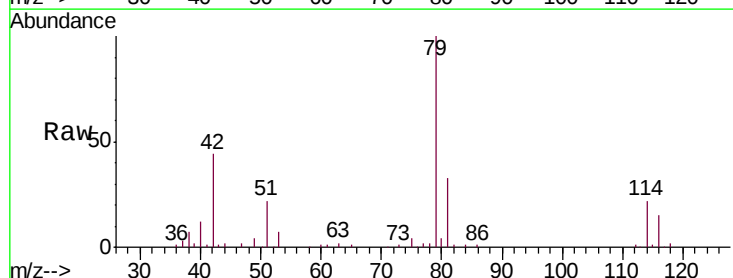
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

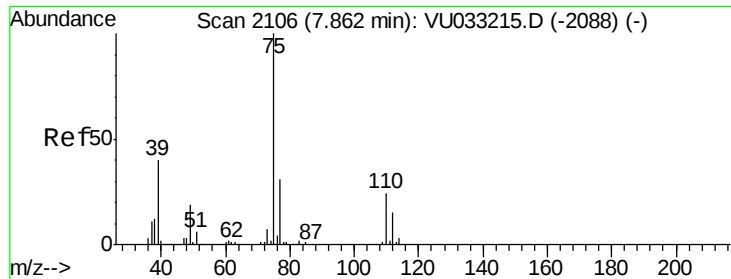
Tgt Ion: 83 Resp: 4468
Ion Ratio Lower Upper
83 100
85 73.9 45.4 84.4



#39
cis-1,3-Dichloropropene
Concen: 0.980 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033236.D
Acq: 12 Jul 2019 20:50

Tgt Ion: 75 Resp: 3477
Ion Ratio Lower Upper
75 100
77 50.9 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.864 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033236.D

Acq: 12 Jul 2019 20:50

Instrument :

MSVOA_U

ClientSampleId :

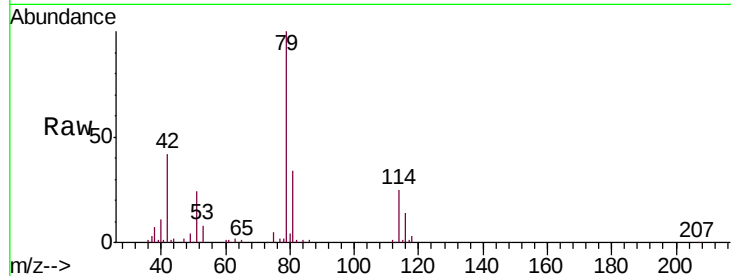
VIBLK40

Tgt Ion: 75 Resp: 2767

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033215.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033215.D (-2088) (-)

7.83

1500

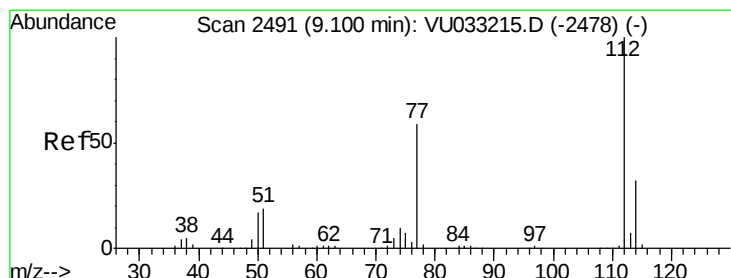
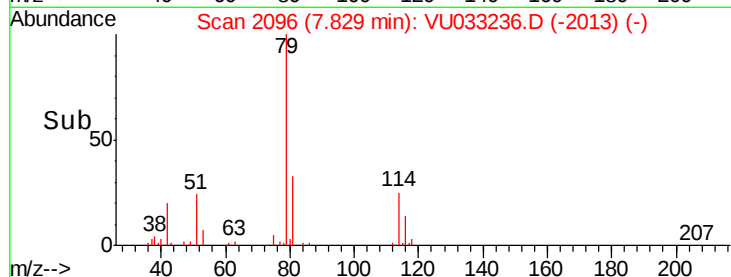
1000

500

0

7.80 7.85

Time-->



#51

Chlorobenzene

Concen: 1.088 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033236.D

Acq: 12 Jul 2019 20:50

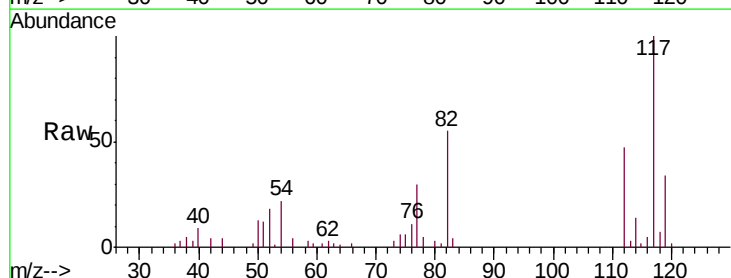
Tgt Ion: 112 Resp: 6535

Ion Ratio Lower Upper

112 100

114 30.6 22.3 41.3

77 63.8 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU033215.D (-2478) (-)

Ion 114.00 (113.70 to 114.70): VU033215.D (-2478) (-)

Ion 77.00 (76.70 to 77.70): VU033215.D (-2478) (-)

9.10

4000

3000

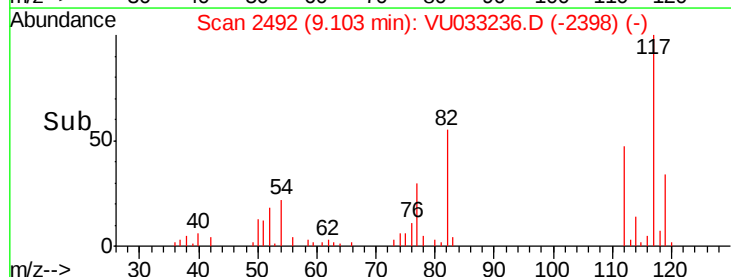
2000

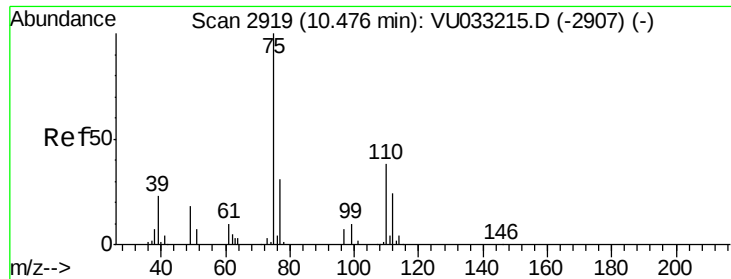
1000

0

9.05 9.10 9.15

Time-->

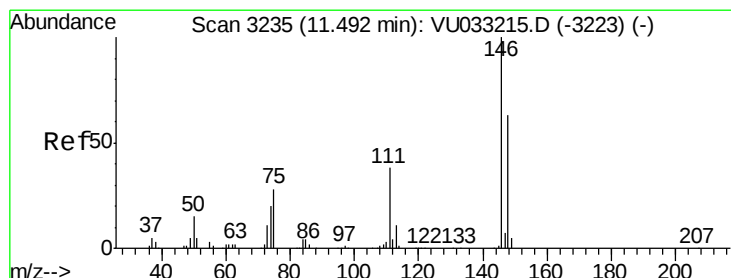
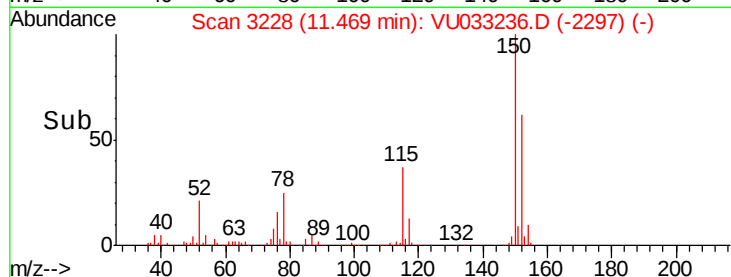
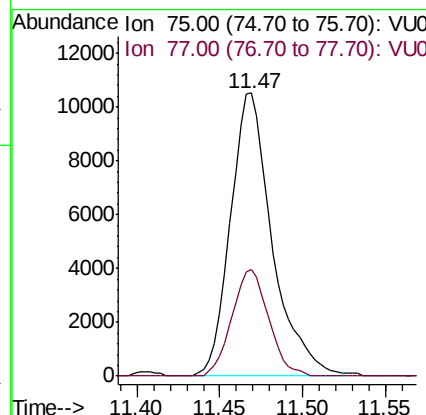
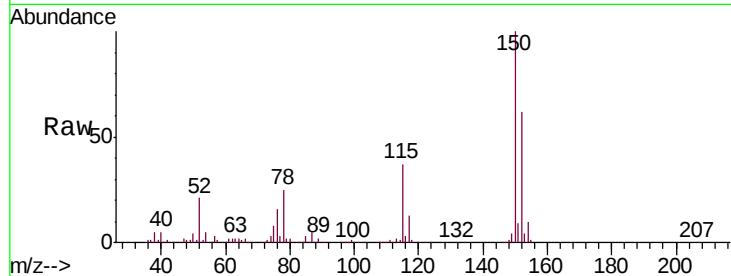




#59
 1,2,3-Trichloropropane
 Concen: 6.127 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033236.D
 Acq: 12 Jul 2019 20:50

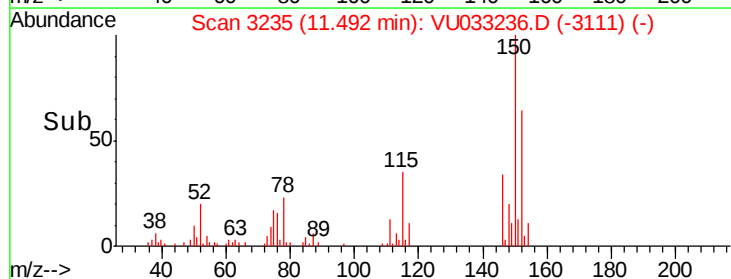
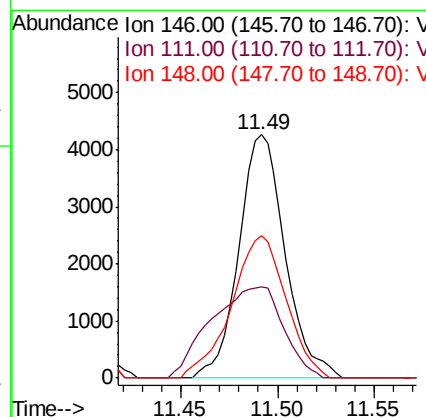
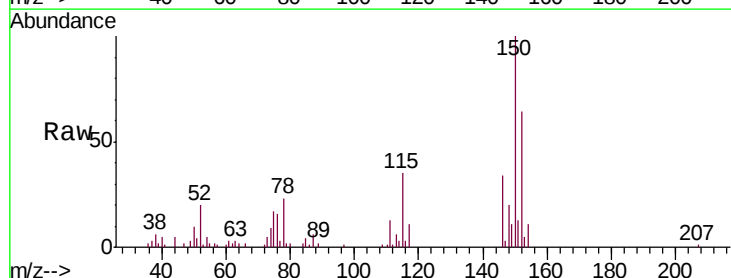
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

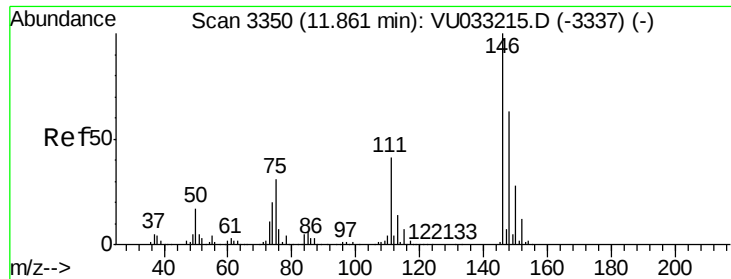
Tgt Ion: 75 Resp: 18465
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.0 39.0



#63
 1,4-Dichlorobenzene
 Concen: 1.685 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033236.D
 Acq: 12 Jul 2019 20:50

Tgt Ion: 146 Resp: 7087
 Ion Ratio Lower Upper
 146 100
 111 37.6 27.8 51.6
 148 58.6 44.6 82.8

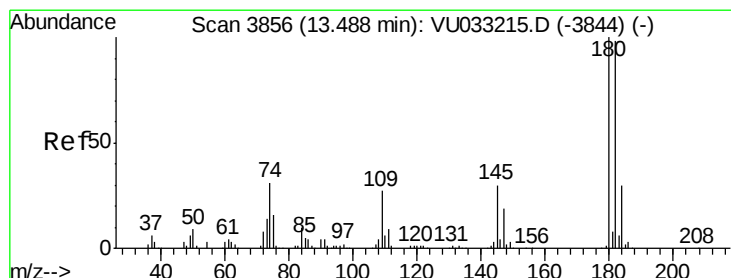
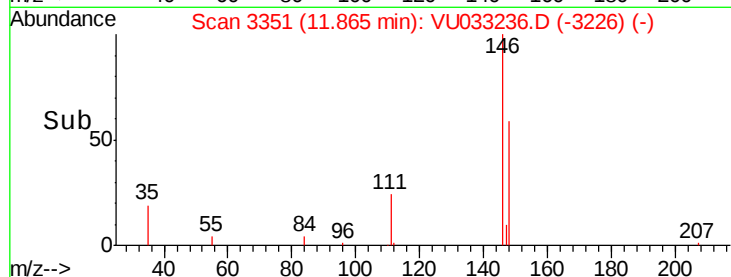
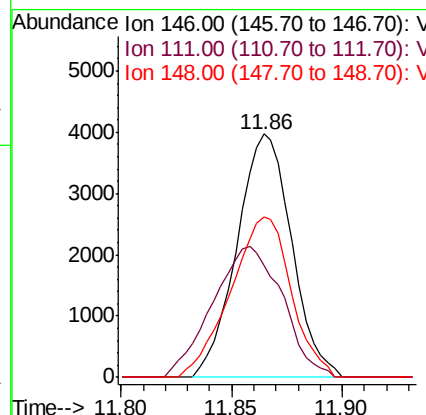
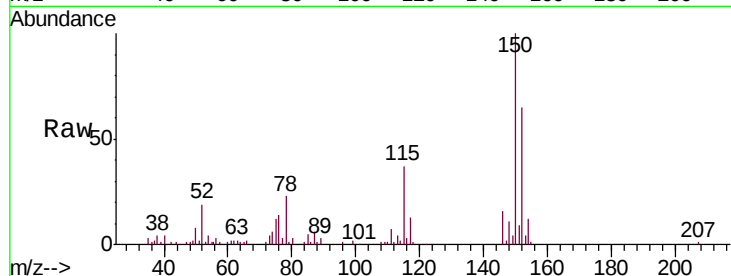




#65
 1,2-Dichlorobenzene
 Concen: 1.663 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033236.D
 Acq: 12 Jul 2019 20:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion:146 Resp: 6859
 Ion Ratio Lower Upper
 146 100
 111 45.7 34.3 51.5
 148 65.7 51.5 77.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.388 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.02 min
 Lab File: VU033236.D
 Acq: 12 Jul 2019 20:50

Tgt Ion:180 Resp: 984
 Ion Ratio Lower Upper
 180 100
 182 61.3 76.5 114.7#
 145 7.2 24.6 36.8#

