

Data File : VU033237.D
Acq On : 12 Jul 2019 21:13
Operator : JC/SP
Sample : K3785-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C88

Quant Time: Jul 13 00:14:12 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	302584	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297830	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116735	50.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.92%
7) Chloroethane-d5	1.67	69	103029	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.25	63	154508	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	4.15	46	162886	112.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.23%
24) Chloroform-d	4.62	84	197360	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
26) 1,2-Dichloroethane-d4	5.29	65	131330	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
32) Benzene-d6	5.32	84	396609	54.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.56%
36) 1,2-Dichloropropane-d6	6.31	67	125868	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.55	98	356912	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.83	79	58714	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.32%
47) 2-Hexanone-d5	8.29	63	117884	111.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186626	52.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	140317	56.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.90%

Target Compounds

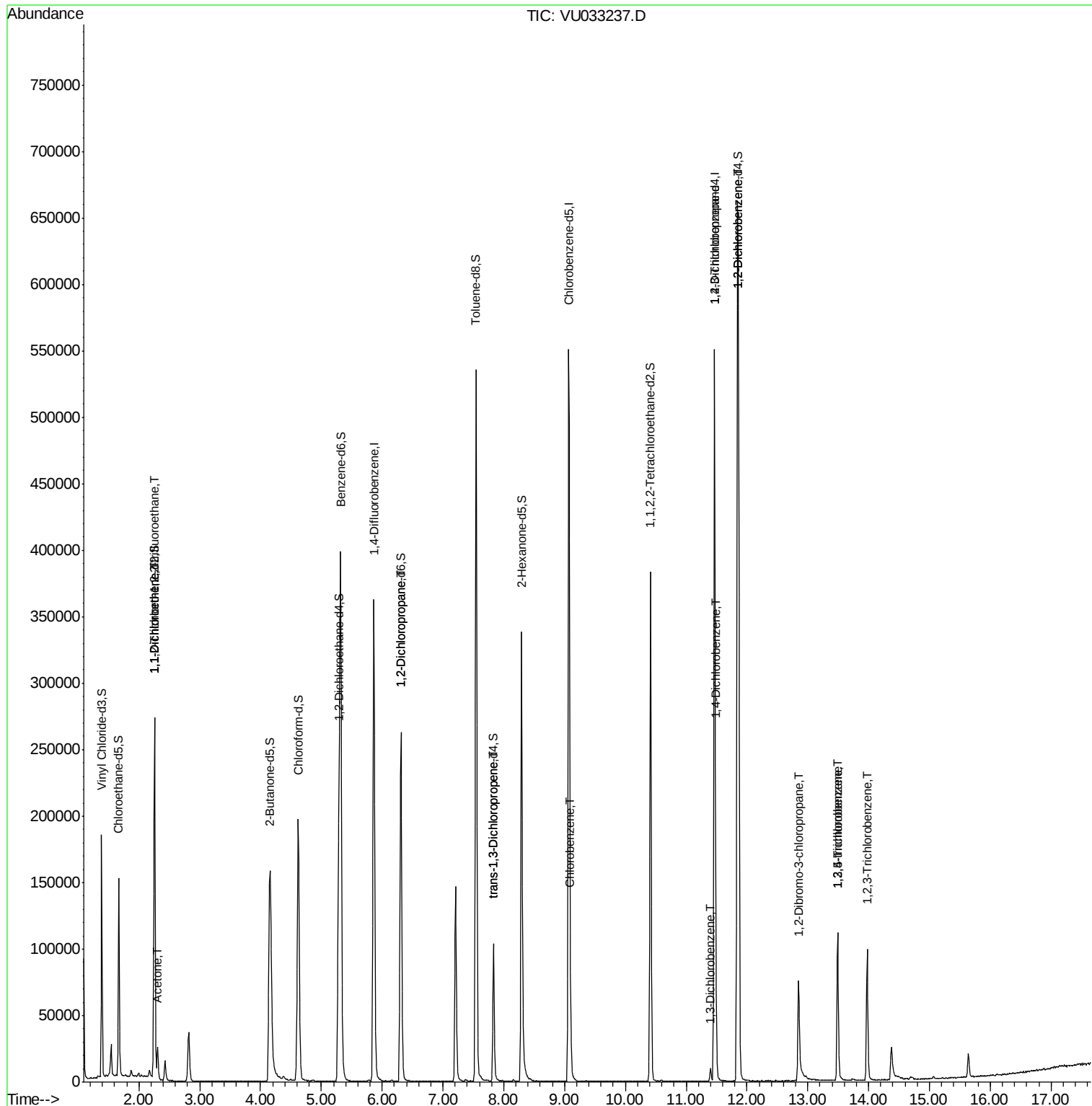
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1434	0.695 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1322	0.655 ug/L #	1
13) Acetone	2.31	43	24334	13.419 ug/L	100
37) 1,2-Dichloropropane	6.31	63	14389	6.109 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2693	0.827 ug/L	91
51) Chlorobenzene	9.10	112	18806	3.077 ug/L	96
59) 1,2,3-Trichloropropane	11.47	75	23506	7.666 ug/L	91
62) 1,3-Dichlorobenzene	11.40	146	4177	0.982 ug/L	80
63) 1,4-Dichlorobenzene	11.49	146	17633	3.966 ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	176089	40.374 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.85	75	2452	2.946 ug/L #	3
67) 1,3,5-Trichlorobenzene	13.49	180	35992	11.711 ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	35992	13.407 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	32111	11.018 ug/L	98

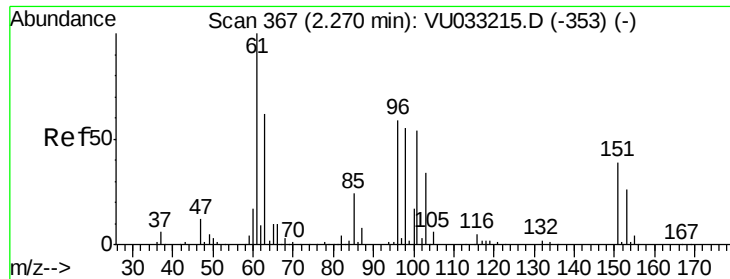
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.695 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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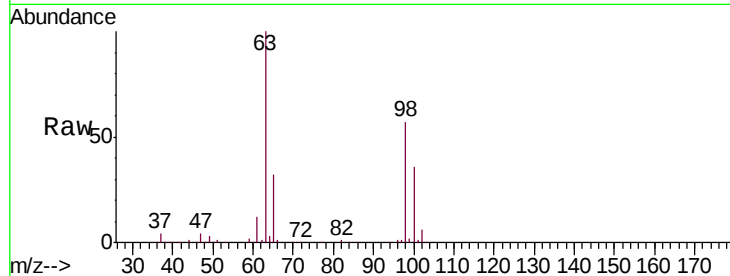
Tgt Ion: 101 Resp: 1434

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

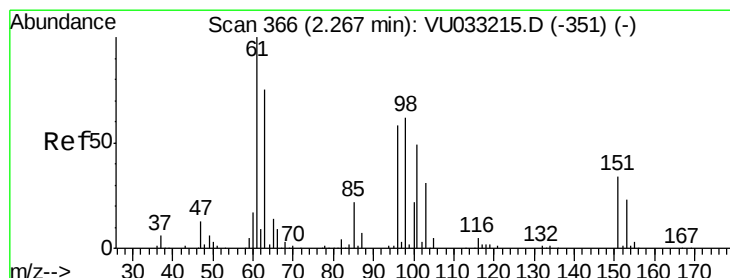
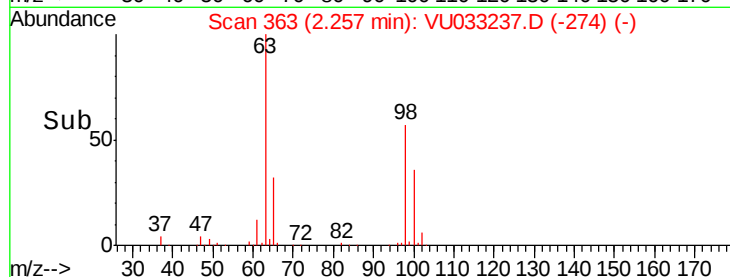
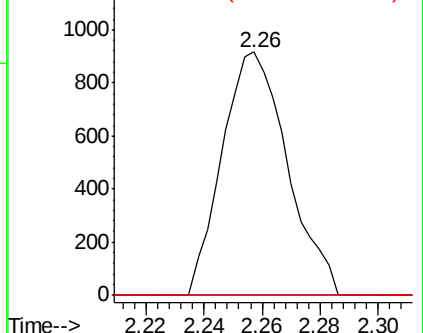
151 0.0 56.7 85.1#



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: 0.655 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

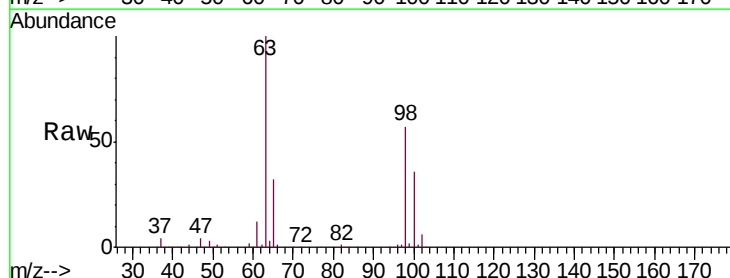
Tgt Ion: 96 Resp: 1322

Ion Ratio Lower Upper

96 100

61 1520.3 126.1 234.1#

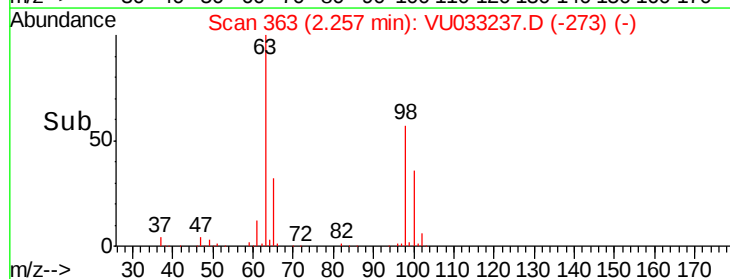
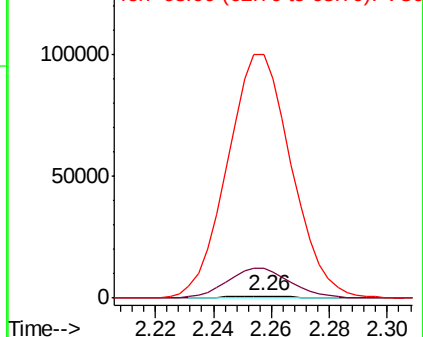
63 12309.4 96.8 179.8#

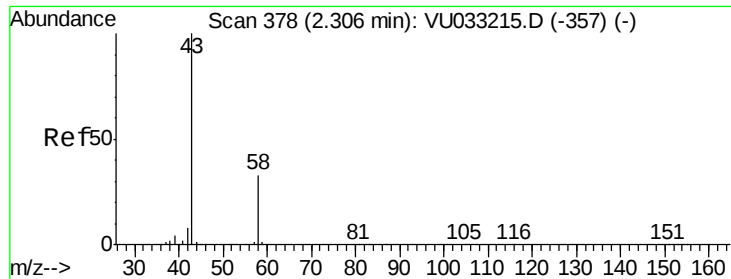


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.419 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

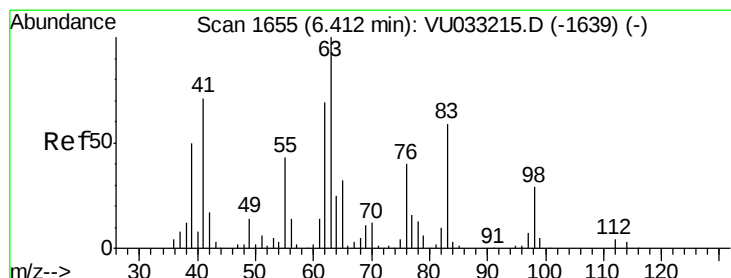
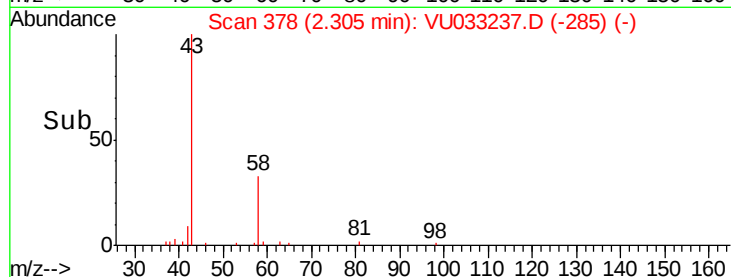
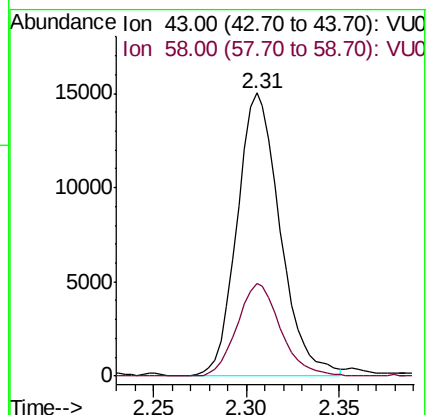
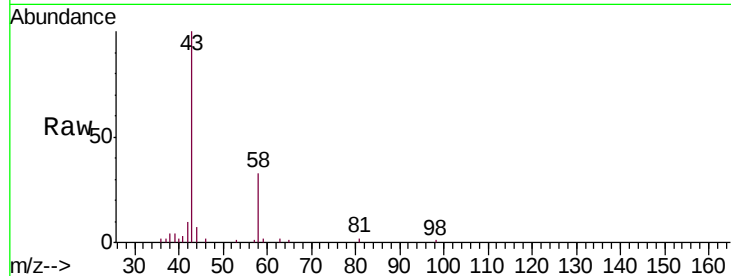
C0C88

Tgt Ion: 43 Resp: 24334

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.4



#37

1,2-Dichloropropane

Concen: 6.109 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033237.D

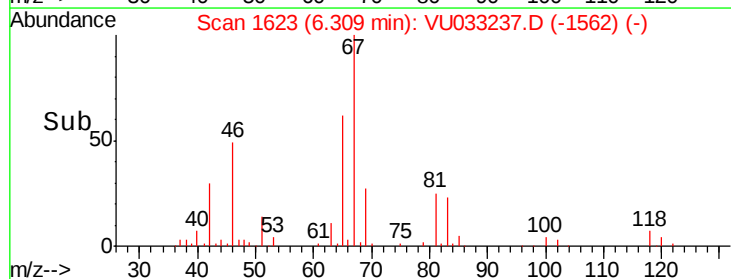
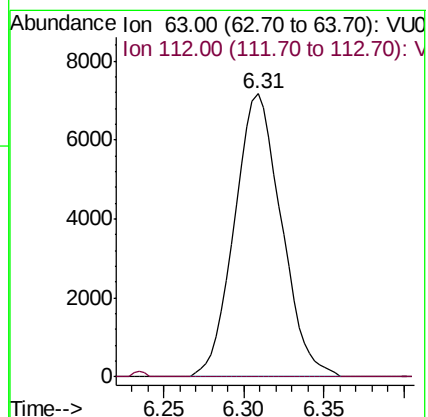
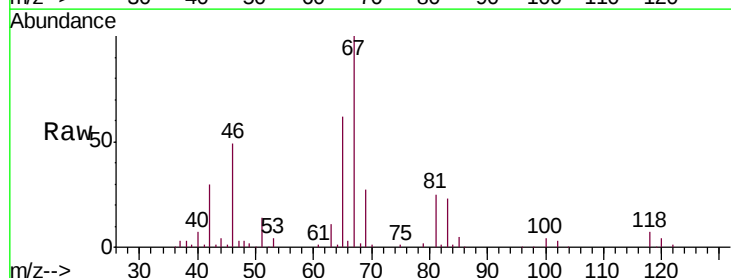
Acq: 12 Jul 2019 21:13

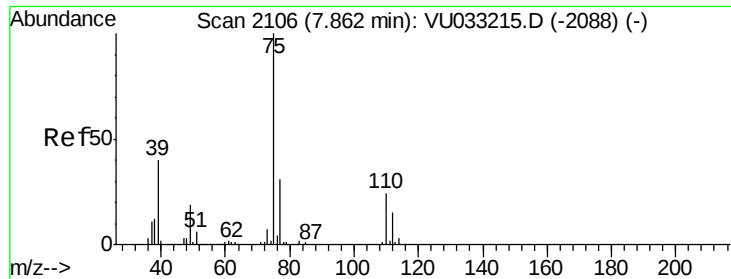
Tgt Ion: 63 Resp: 14389

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

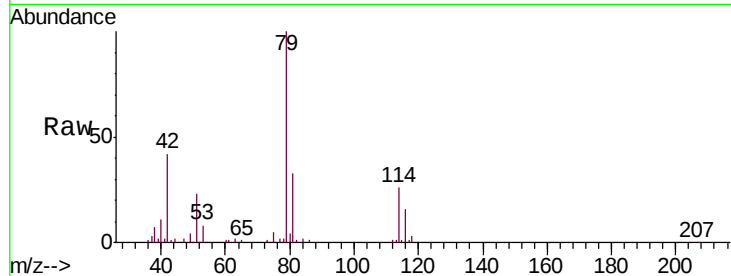
C0C88

Tgt Ion: 75 Resp: 2693

Ion Ratio Lower Upper

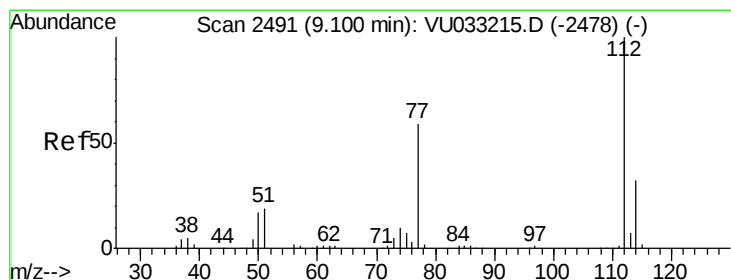
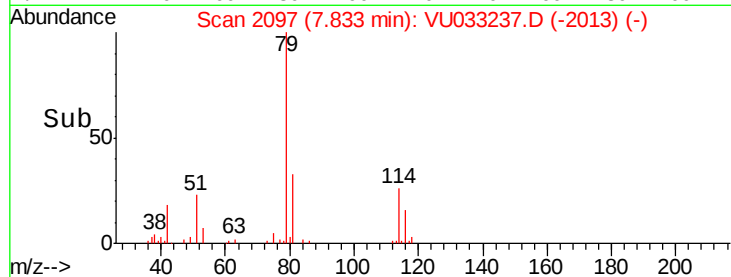
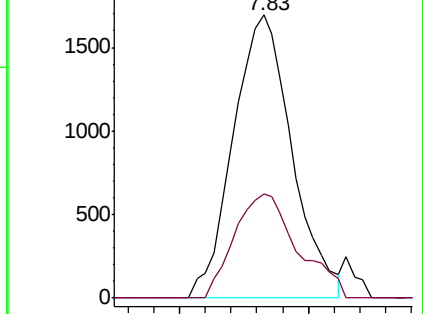
75 100

77 36.9 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) (-)



#51

Chlorobenzene

Concen: 3.077 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

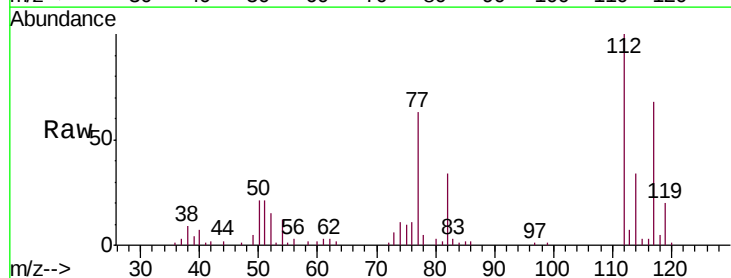
Tgt Ion: 112 Resp: 18806

Ion Ratio Lower Upper

112 100

114 33.6 22.3 41.3

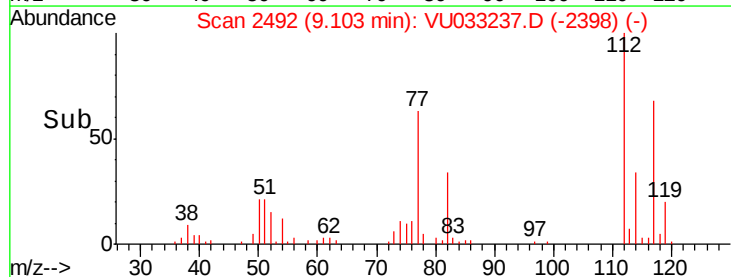
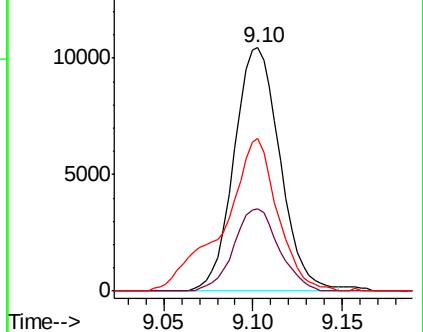
77 62.8 47.2 70.8

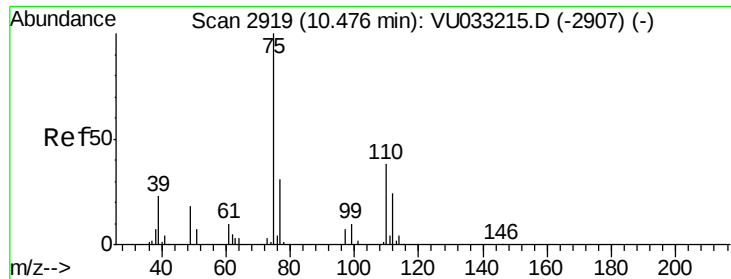


Abundance Ion 112.00 (111.70 to 112.70): VU033215.D (-2478) (-)

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

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





#59

1,2,3-Trichloropropane

Concen: 7.666 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

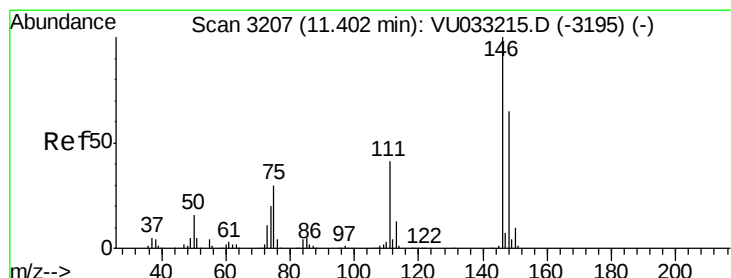
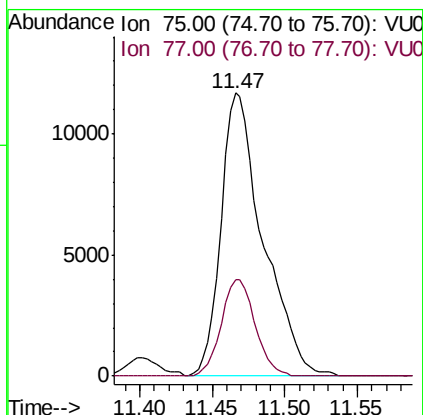
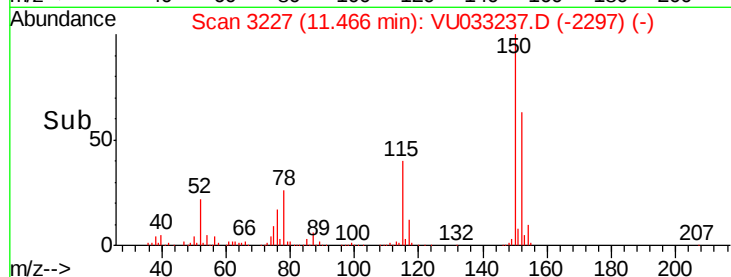
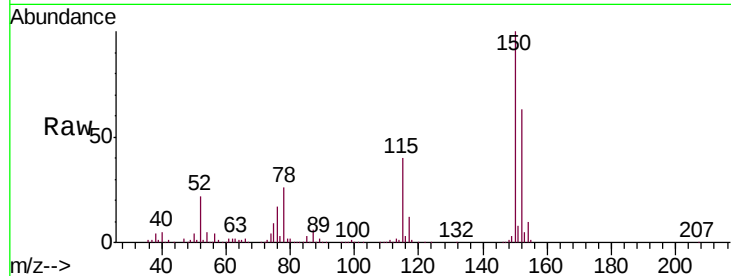
C0C88

Tgt Ion: 75 Resp: 23506

Ion Ratio Lower Upper

75 100

77 27.3 26.0 39.0



#62

1,3-Dichlorobenzene

Concen: 0.982 ug/L

RT: 11.40 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU033237.D

Acq: 12 Jul 2019 21:13

Tgt Ion: 146 Resp: 4177

Ion Ratio Lower Upper

146 100

111 31.0 28.0 52.0

148 45.1 44.7 83.1

