

Data File : VU033220.D
Acq On : 12 Jul 2019 14:36
Operator : JC/SP
Sample : K3760-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8X0

Quant Time: Jul 13 00:11:48 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	315952	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138003	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	128980	53.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.86%
7) Chloroethane-d5	1.67	69	111237	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.88%
11) 1,1-Dichloroethene-d2	2.26	63	162661	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.98%
21) 2-Butanone-d5	4.15	46	157995	104.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.62	84	204221	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
26) 1,2-Dichloroethane-d4	5.28	65	136037	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.84%
32) Benzene-d6	5.32	84	423641	56.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.31	67	133349	55.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.42%
41) Toluene-d8	7.55	98	384200	54.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.06%
43) trans-1,3-Dichloropropene-	7.83	79	62386	53.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.30%
47) 2-Hexanone-d5	8.29	63	123038	114.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190867	52.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	140952	57.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.54%

Target Compounds

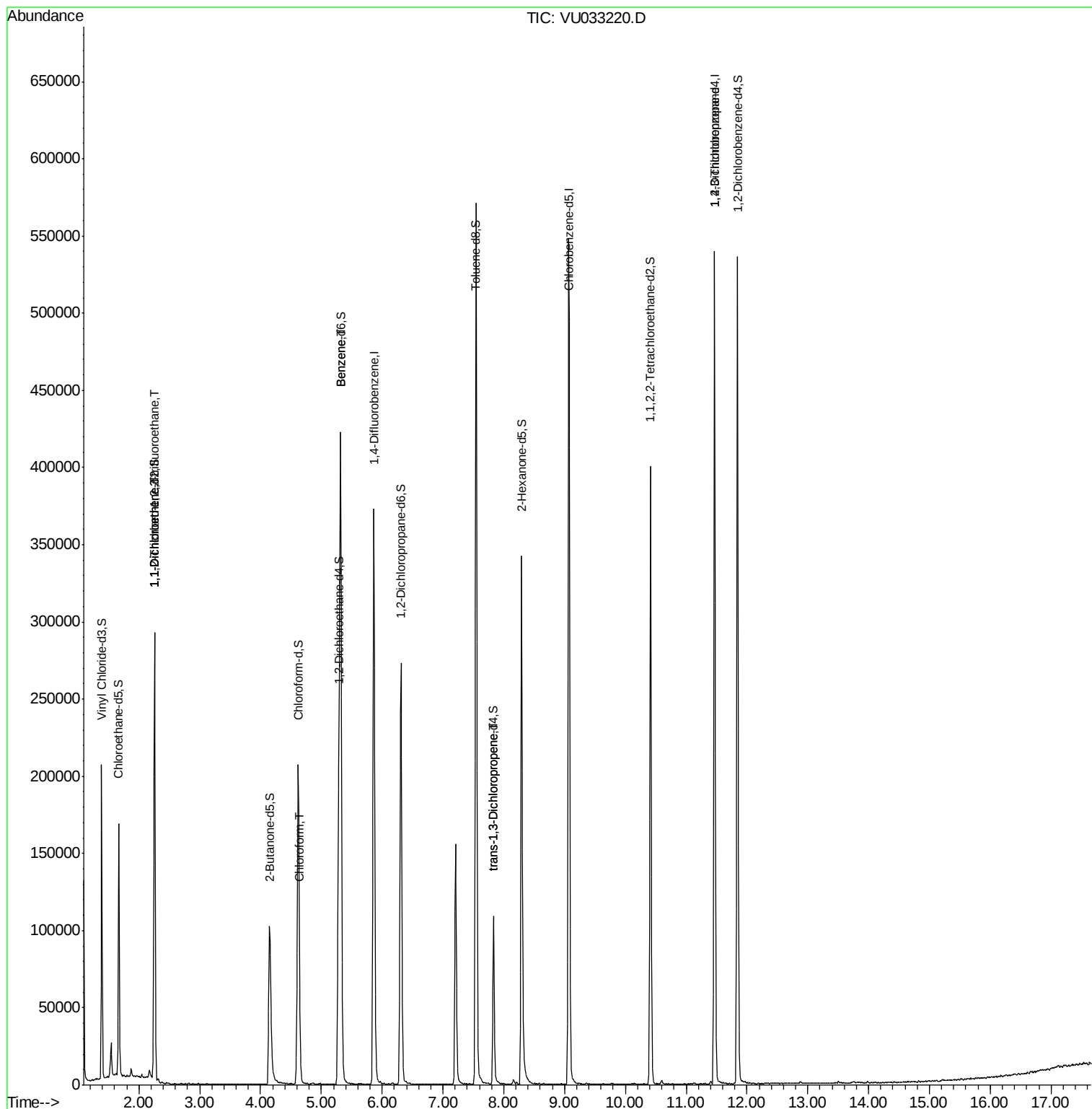
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1546	0.717 ug/L #	24
12) 1,1-Dichloroethene	2.26	96	1478	0.701 ug/L #	1
25) Chloroform	4.65	83	3344	0.750 ug/L	86
33) Benzene	5.32	78	3501	0.394 ug/L	100
44) trans-1,3-Dichloropropene	7.83	75	2731	0.820 ug/L #	80
59) 1,2,3-Trichloropropane	11.47	75	17335	5.528 ug/L	94

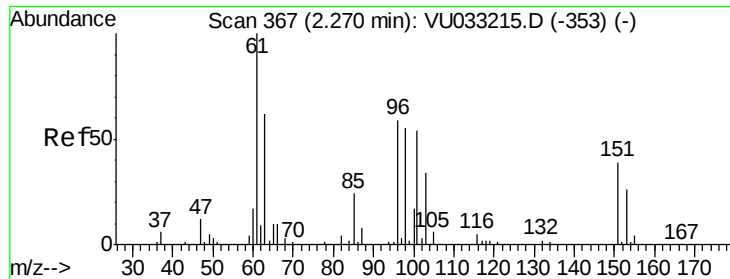
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Acq: 12 Jul 2019 14:36

Instrument :

MSVOA_U

ClientSampleId :

DB8X0

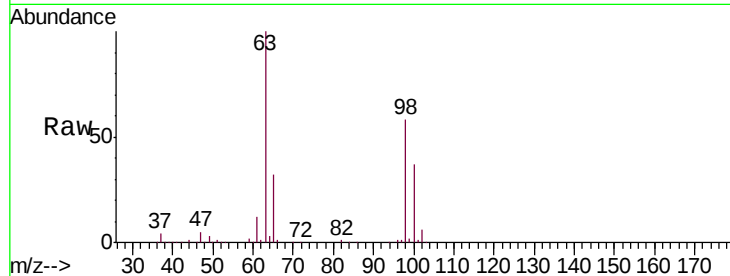
Tgt Ion:101 Resp: 1546

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

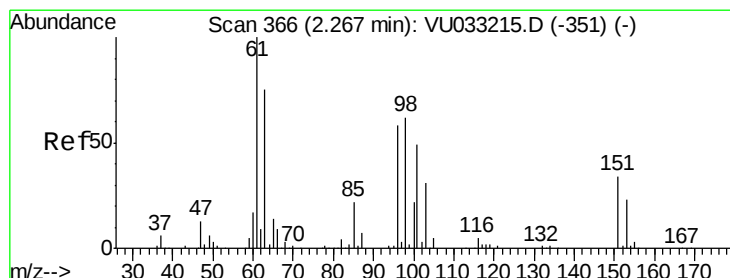
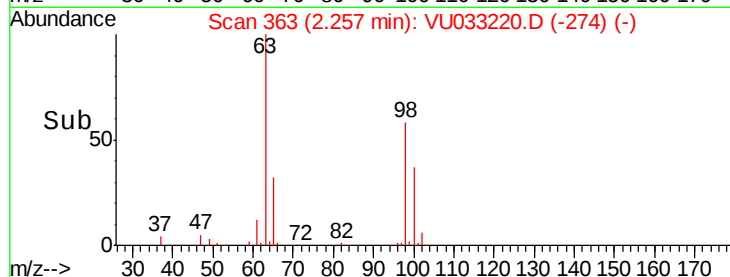
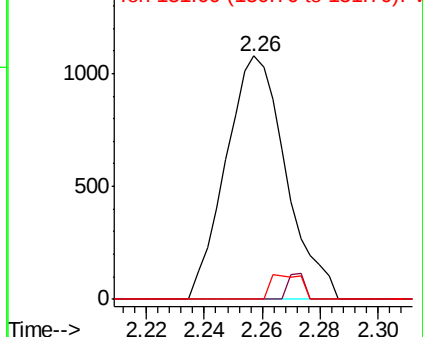
151 3.9 56.7 85.1#



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: 0.701 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033220.D

Acq: 12 Jul 2019 14:36

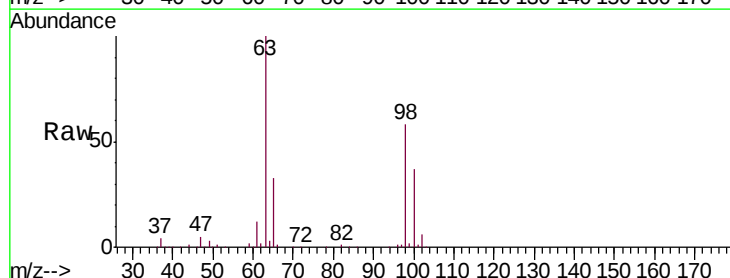
Tgt Ion: 96 Resp: 1478

Ion Ratio Lower Upper

96 100

61 1216.7 126.1 234.1#

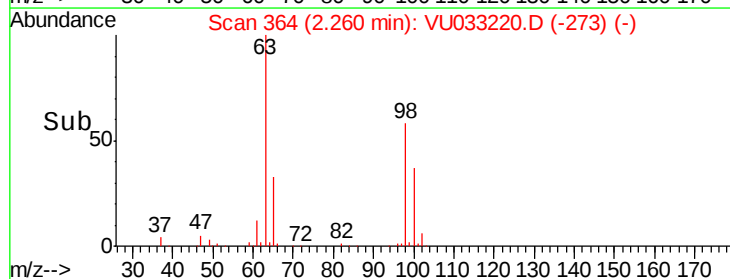
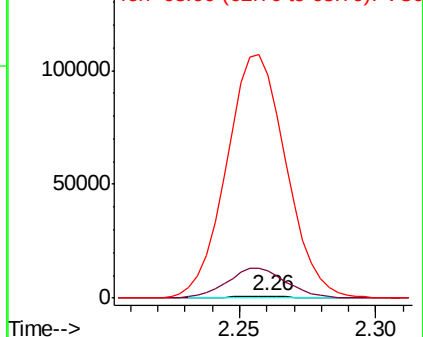
63 9941.5 96.8 179.8#

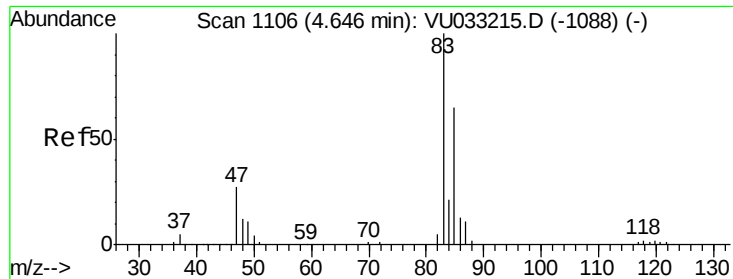


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

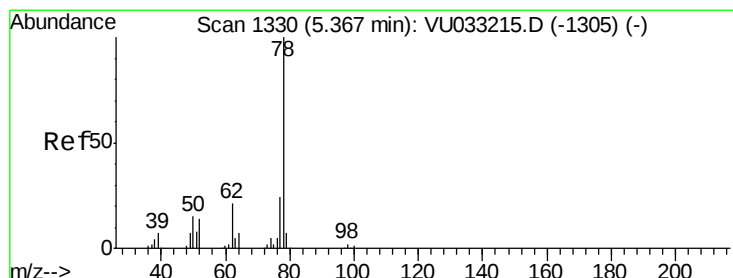
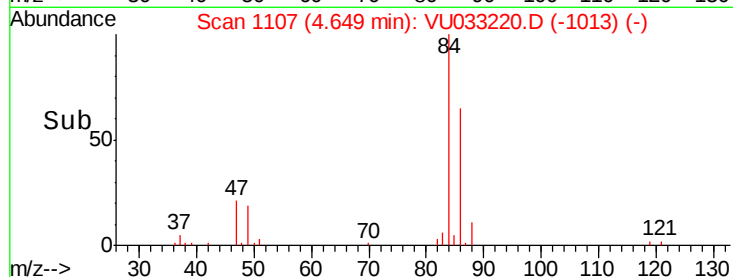
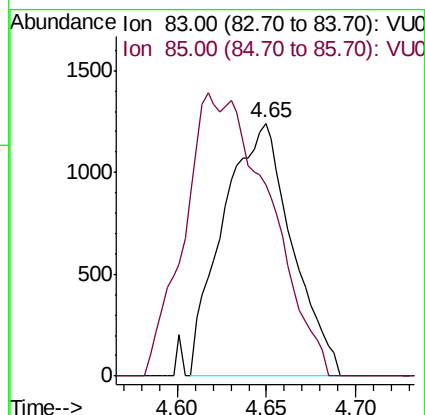
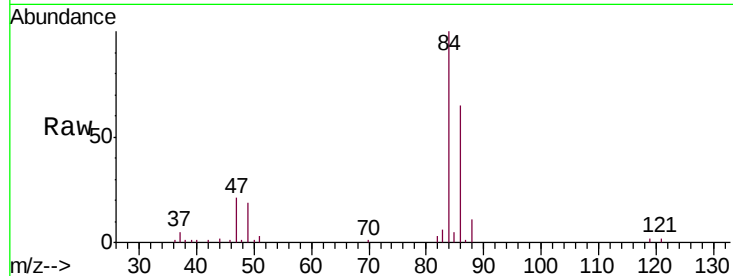




#25
Chloroform
Concen: 0.750 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
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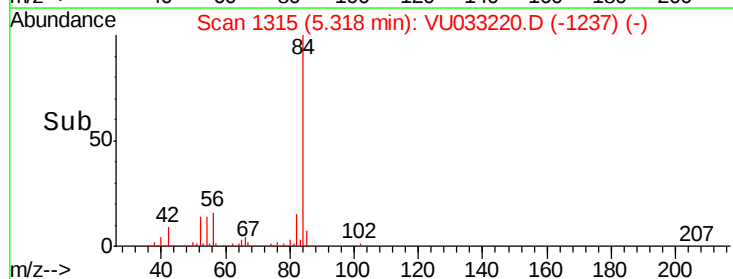
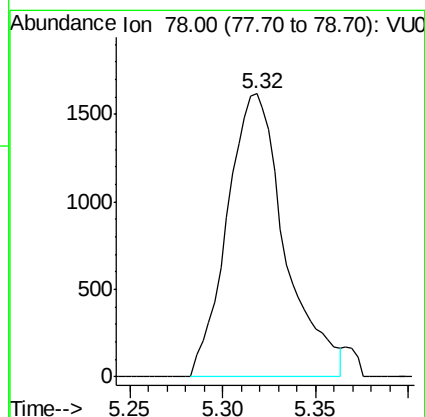
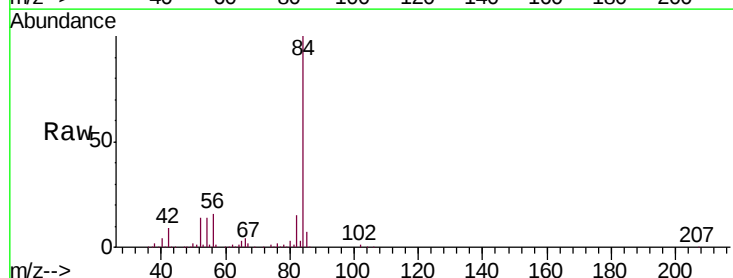
Instrument :
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ClientSampleId :
DB8X0

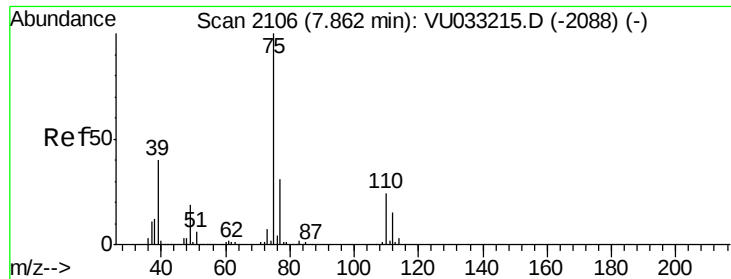
Tgt Ion: 83 Resp: 3344
Ion Ratio Lower Upper
83 100
85 75.7 45.4 84.4



#33
Benzene
Concen: 0.394 ug/L
RT: 5.32 min Scan# 1315
Delta R.T. -0.05 min
Lab File: VU033220.D
Acq: 12 Jul 2019 14:36

Tgt Ion: 78 Resp: 3501





#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033220.D

Acq: 12 Jul 2019 14:36

Instrument :

MSVOA_U

ClientSampleId :

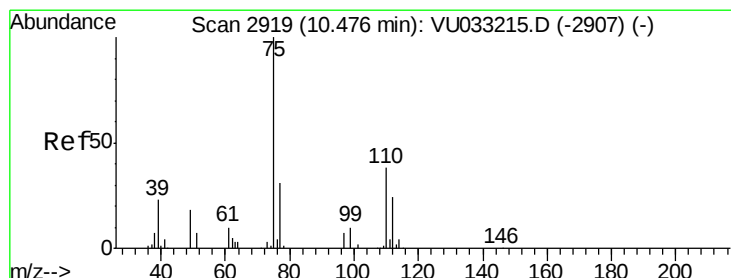
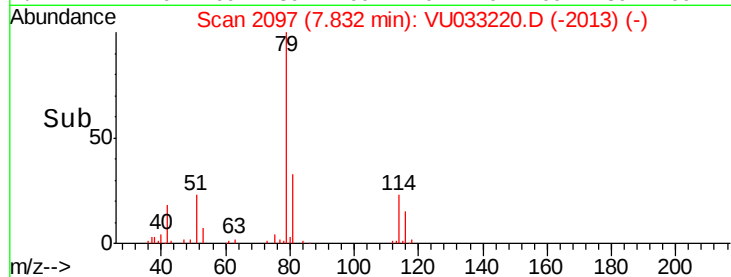
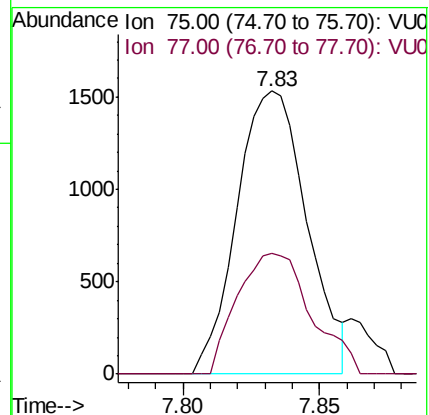
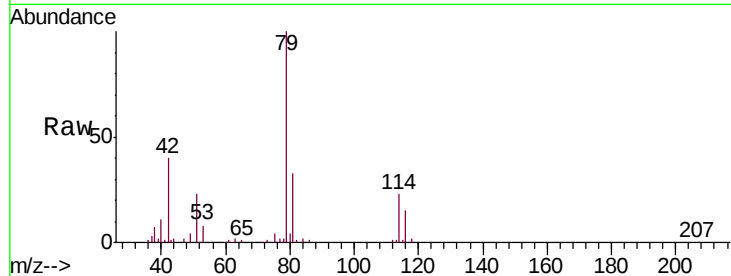
DB8X0

Tgt Ion: 75 Resp: 2731

Ion Ratio Lower Upper

75 100

77 42.9 22.4 41.6#



#59

1,2,3-Trichloropropane

Concen: 5.528 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033220.D

Acq: 12 Jul 2019 14:36

Tgt Ion: 75 Resp: 17335

Ion Ratio Lower Upper

75 100

77 36.1 26.0 39.0

