

Data File : VU029820.D
Acq On : 05 Mar 2019 14:10
Operator : JC/SP
Sample : K1734-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 06 00:45:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486837	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236027	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153156	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.68	69	130027	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.36%
11) 1,1-Dichloroethene-d2	2.27	63	217485	30.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.36%
21) 2-Butanone-d5	4.17	46	235482	104.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.97%
24) Chloroform-d	4.64	84	276827	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	177767	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.34	84	614839	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.33	67	188792	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.44%
41) Toluene-d8	7.56	98	566961	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.85	79	85029	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
47) 2-Hexanone-d5	8.31	63	202186	98.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288969	46.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	233901	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%

Target Compounds

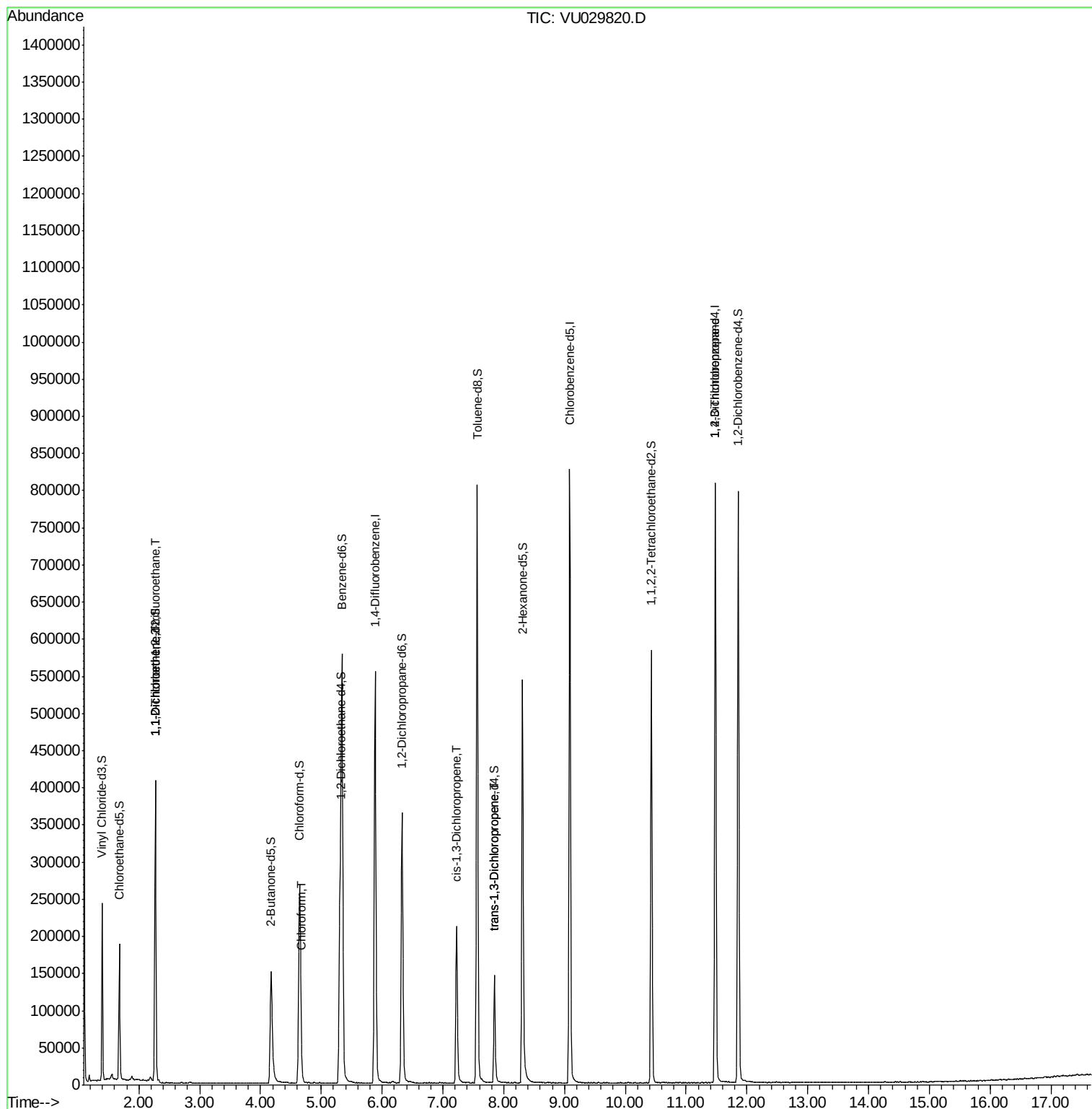
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2242	0.640 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2023	0.607 ug/L #	1
25) Chloroform	4.68	83	9306	1.569 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4975	0.941 ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	3473	0.697 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	24145	5.168 ug/L	94

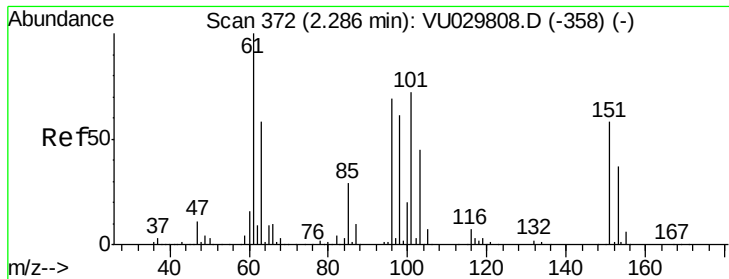
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.640 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029820.D

Acq: 05 Mar 2019 14:10

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ClientSampleId :

VHBLK01

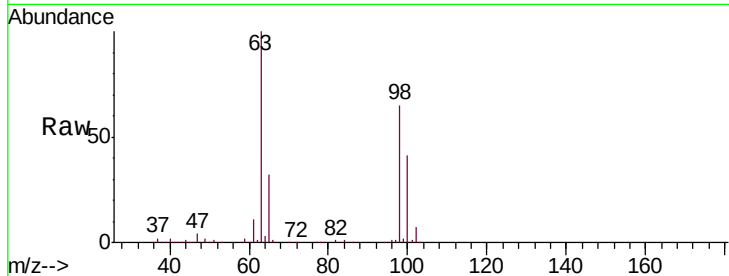
Tgt Ion:101 Resp: 2242

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

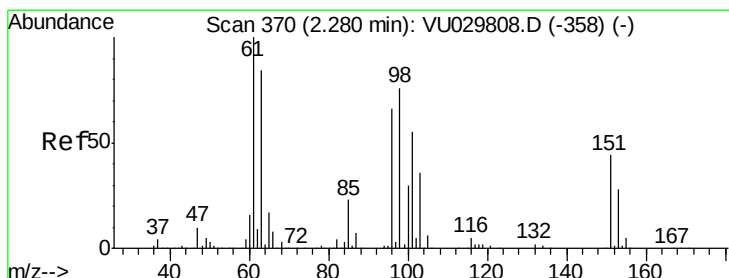
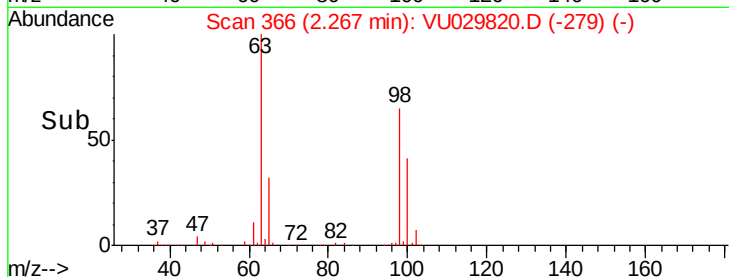
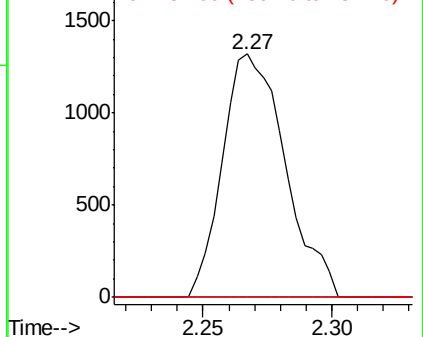
151 0.0 65.7 98.5#



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: 0.607 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029820.D

Acq: 05 Mar 2019 14:10

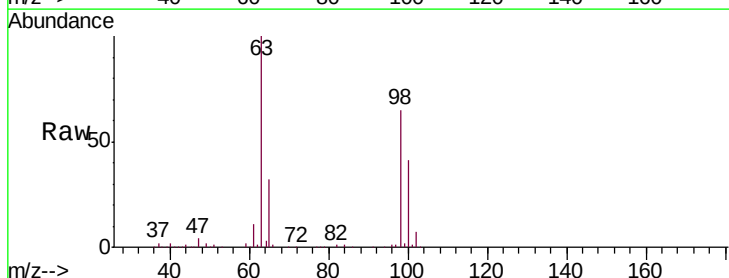
Tgt Ion: 96 Resp: 2023

Ion Ratio Lower Upper

96 100

61 1213.4 114.0 211.8#

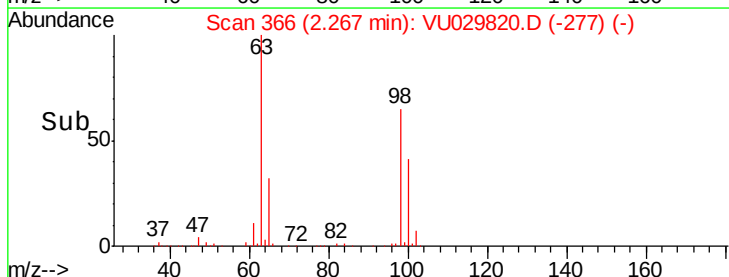
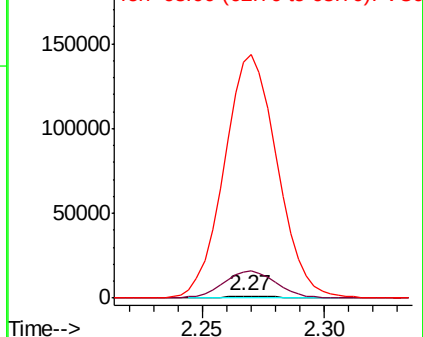
63 11038.0 98.7 183.3#

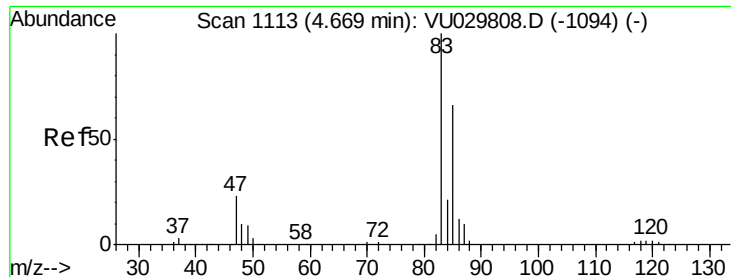


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

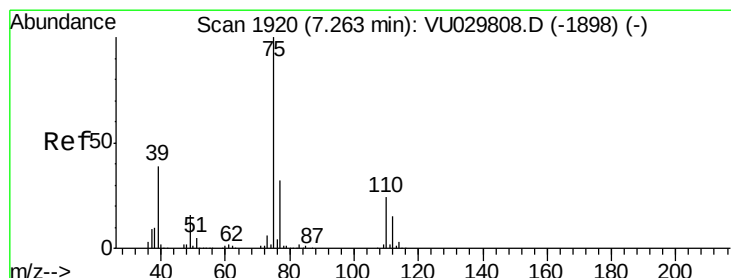
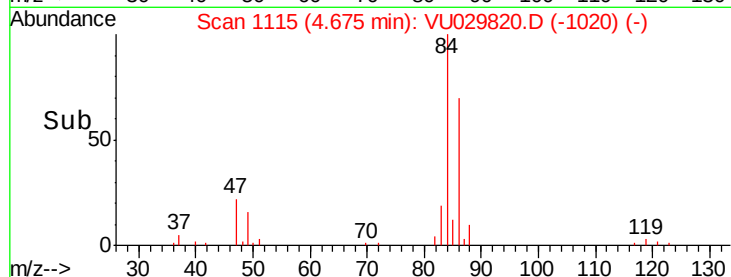
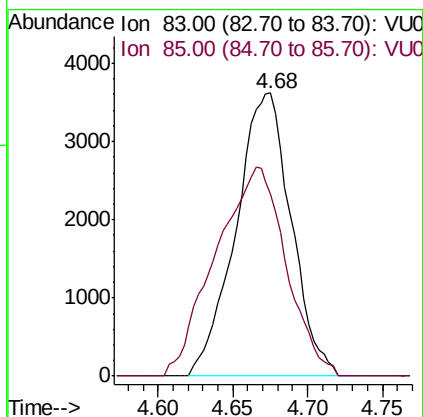
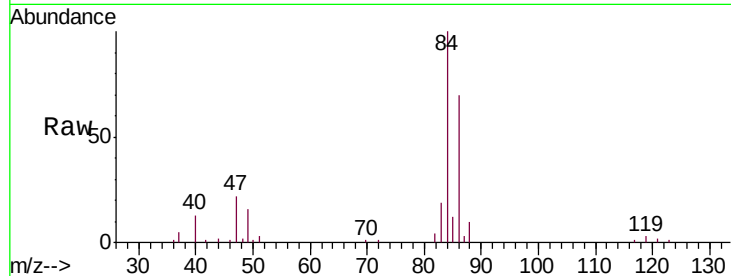




#25
Chloroform
Concen: 1.569 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029820.D
Acq: 05 Mar 2019 14:10

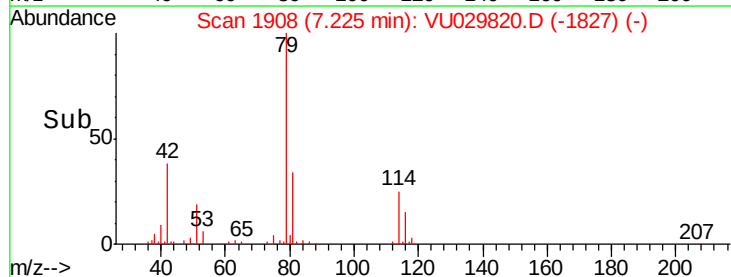
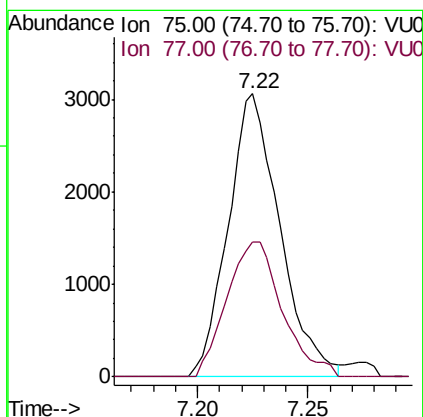
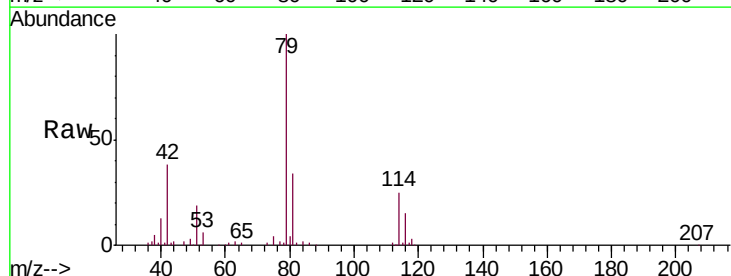
Instrument :
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ClientSampleId :
VHBLK01

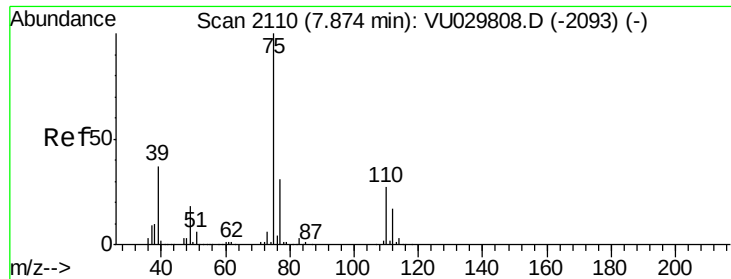
Tgt Ion: 83 Resp: 9306
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2



#39
cis-1,3-Dichloropropene
Concen: 0.941 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029820.D
Acq: 05 Mar 2019 14:10

Tgt Ion: 75 Resp: 4975
Ion Ratio Lower Upper
75 100
77 47.8 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.697 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029820.D

Acq: 05 Mar 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

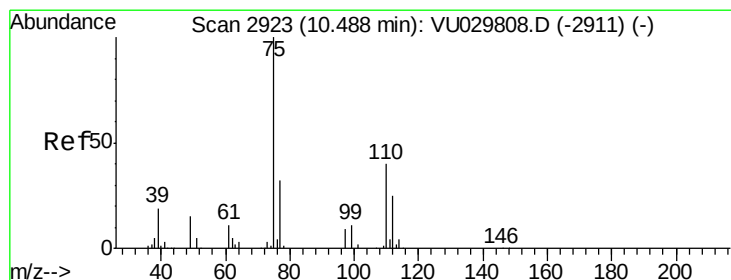
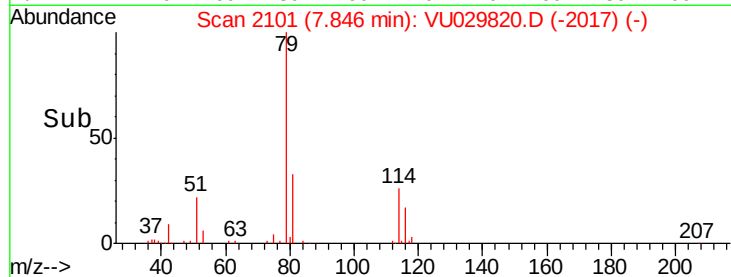
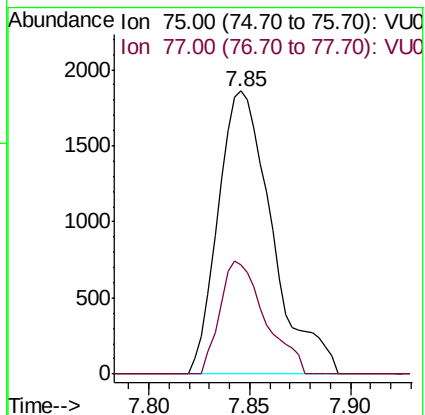
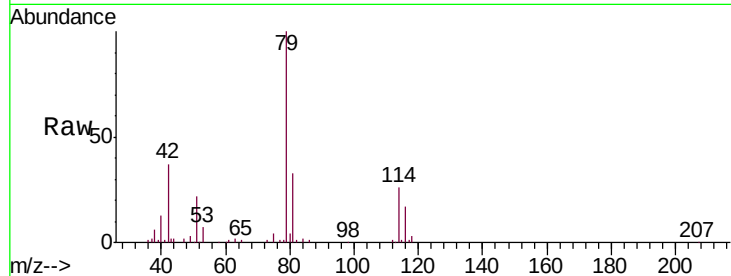
VHBLK01

Tgt Ion: 75 Resp: 3473

Ion Ratio Lower Upper

75 100

77 38.5 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 5.168 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029820.D

Acq: 05 Mar 2019 14:10

Tgt Ion: 75 Resp: 24145

Ion Ratio Lower Upper

75 100

77 35.5 25.7 38.5

