

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030716.D
 Acq On : 05 Apr 2019 04:11
 Operator : JC/SP
 Sample : K2271-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7D5

Quant Time: Apr 05 04:39:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482292	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	238668	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.08%
7) Chloroethane-d5	1.68	69	181424	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.24%
11) 1,1-Dichloroethene-d2	2.27	63	317154	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
21) 2-Butanone-d5	4.17	46	373027	106.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	4.82	84	360	0.05	ug/L	0.18
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.10%#
26) 1,2-Dichloroethane-d4	5.31	65	231456	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.34	84	720186	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.32	67	247525	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.56	98	619876	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	7.85	79	103297	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.90%
47) 2-Hexanone-d5	8.31	63	221747	100.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321373	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	206623	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

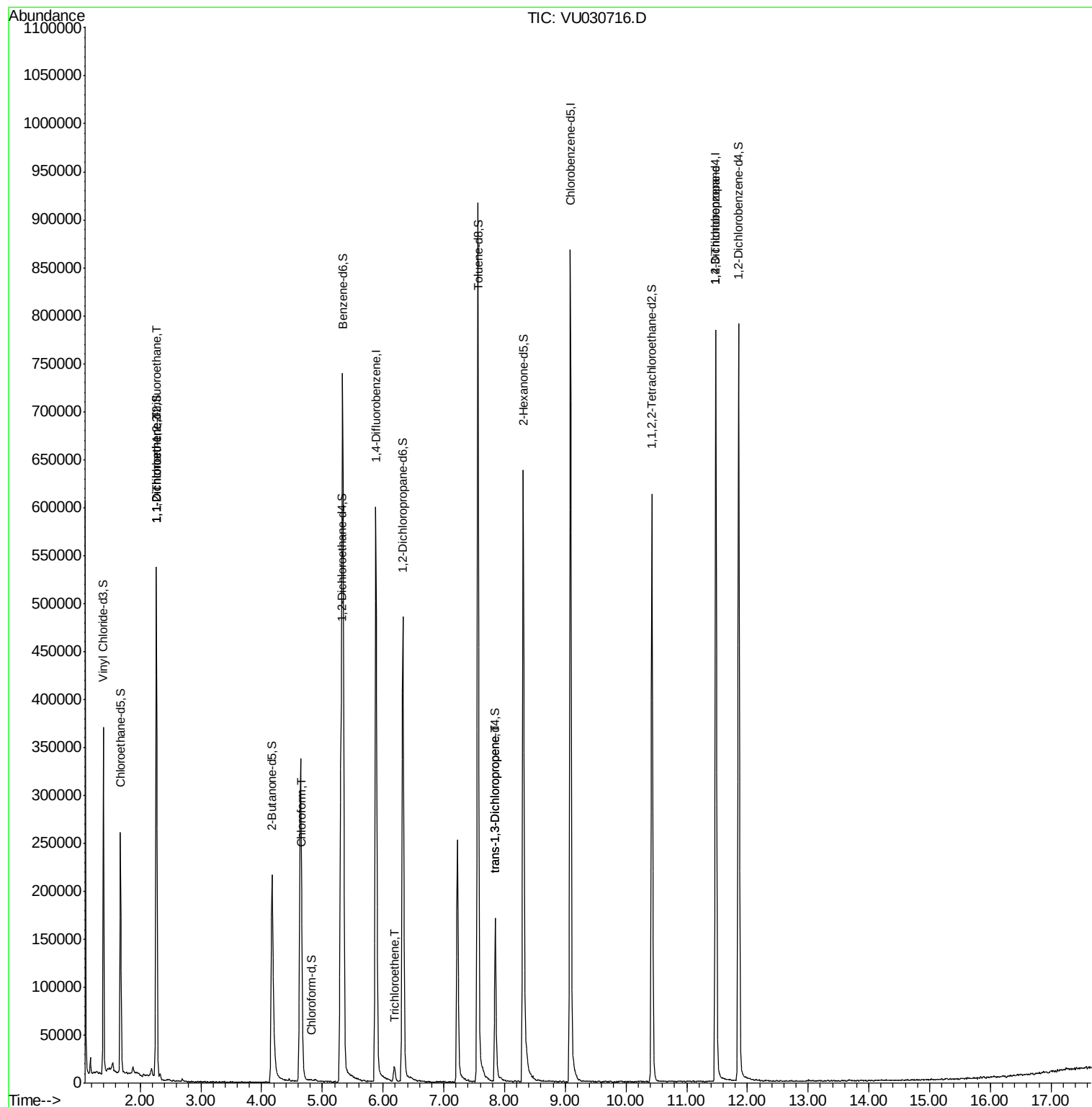
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2631	0.743 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2350	0.687 ug/L #	1
25) Chloroform	4.67	83	20010	2.657 ug/L	95
34) Trichloroethene	6.19	95	5732	1.481 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4211	0.751 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	27472	5.133 ug/L	95

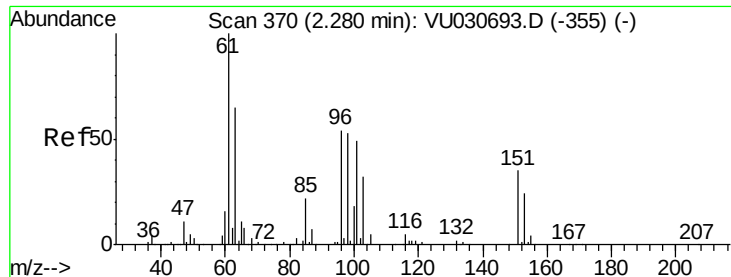
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.743 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030716.D

Acq: 05 Apr 2019 04:11

Instrument :

MSVOA_U

ClientSampleId :

DB7D5

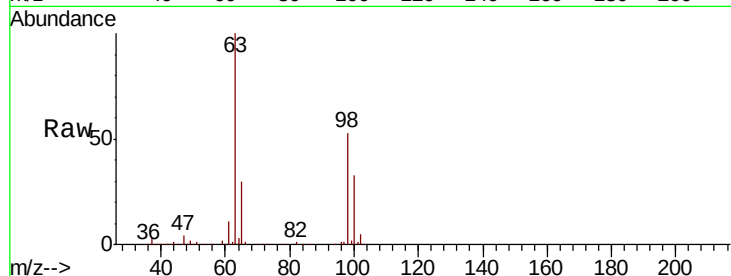
Tot Ion:101 Resp: 2631

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

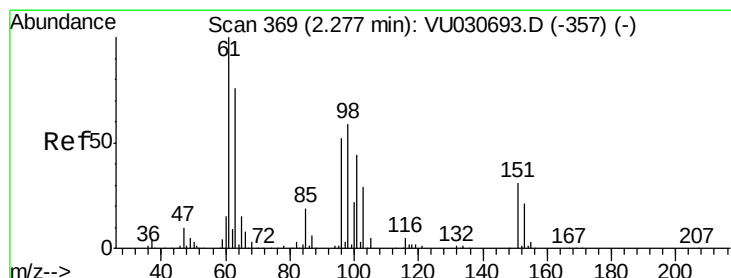
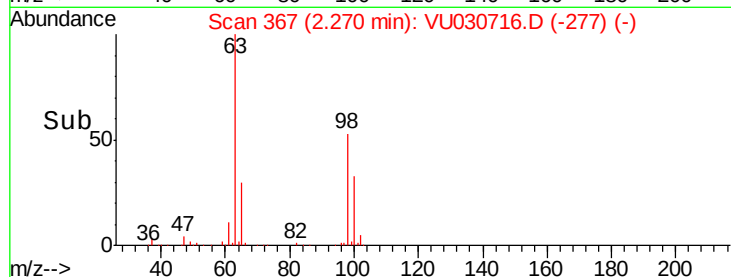
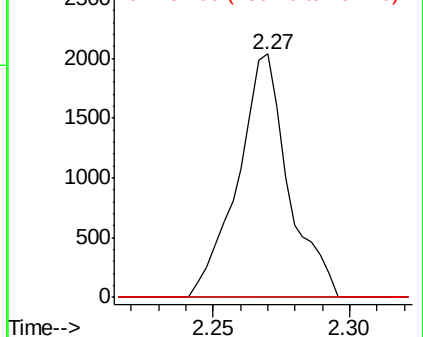
151 0.0 57.4 86.0#



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: 0.687 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030716.D

Acq: 05 Apr 2019 04:11

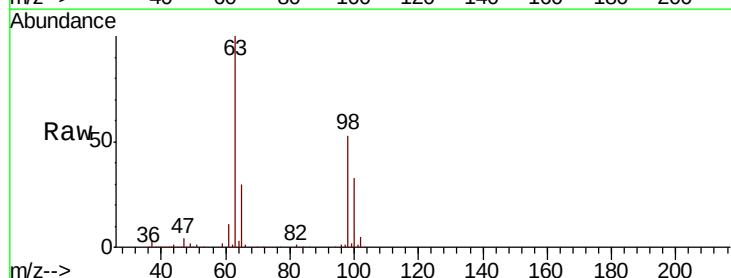
Tgt Ion: 96 Resp: 2350

Ion Ratio Lower Upper

96 100

61 1323.3 132.0 245.2#

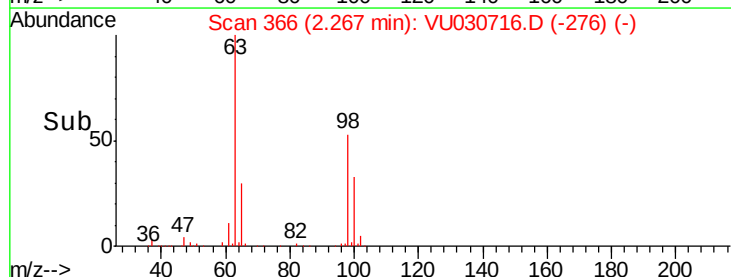
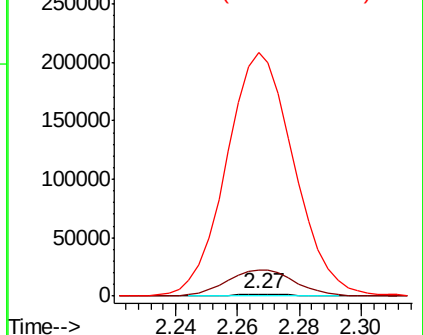
63 12214.8 90.9 168.9#

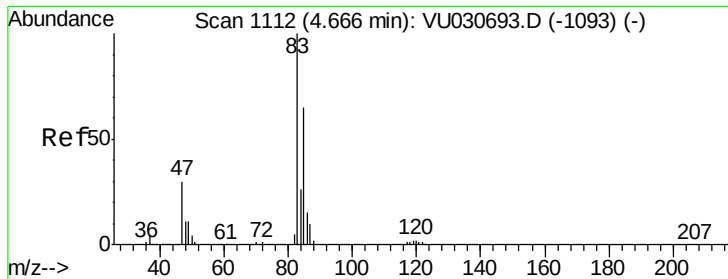


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

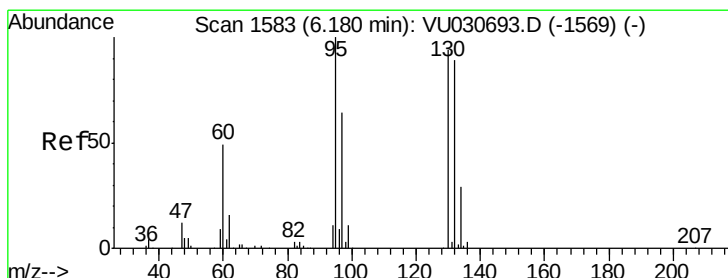
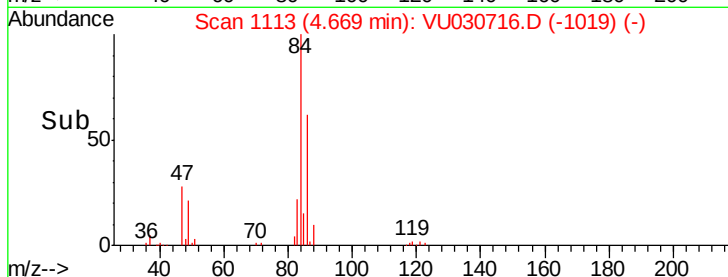
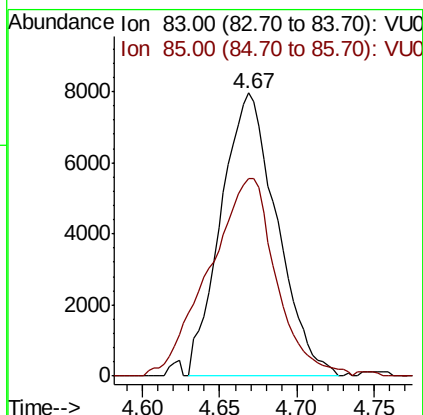
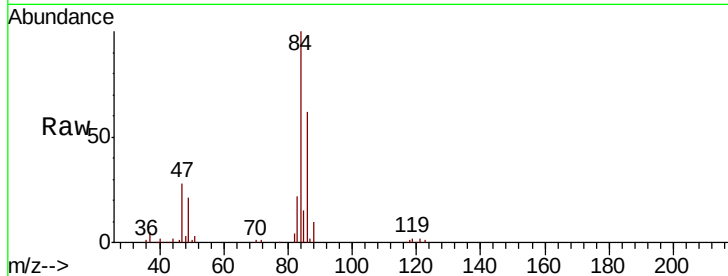




#25
Chloroform
Concen: 2.657 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030716.D
Acq: 05 Apr 2019 04:11

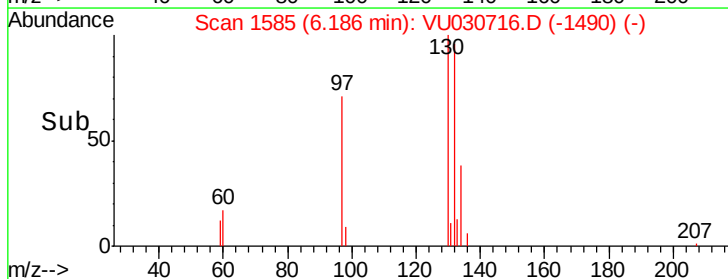
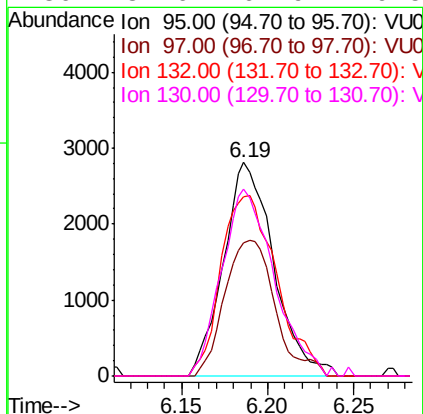
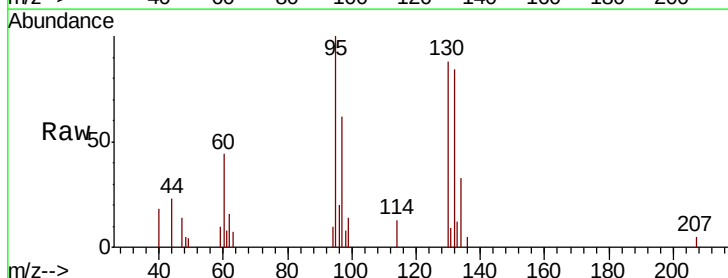
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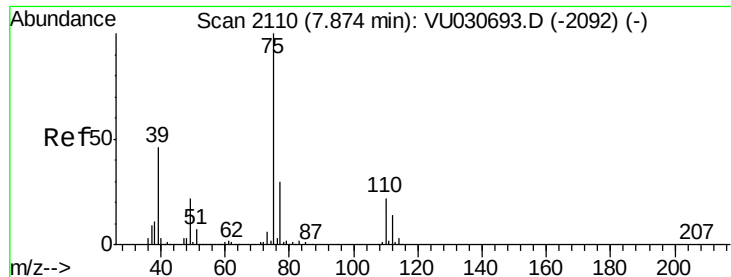
Tot Ion: 83 Resp: 20010
Ion Ratio Lower Upper
83 100
85 69.6 45.8 85.0



#34
Trichloroethene
Concen: 1.481 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU030716.D
Acq: 05 Apr 2019 04:11

Tgt Ion: 95 Resp: 5732
Ion Ratio Lower Upper
95 100
97 62.3 44.5 82.7
132 83.7 61.5 114.1
130 87.6 64.9 120.5





#44

trans-1,3-Dichloropropene

Concen: 0.751 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030716.D

Acq: 05 Apr 2019 04:11

Instrument :

MSVOA_U

ClientSampleId :

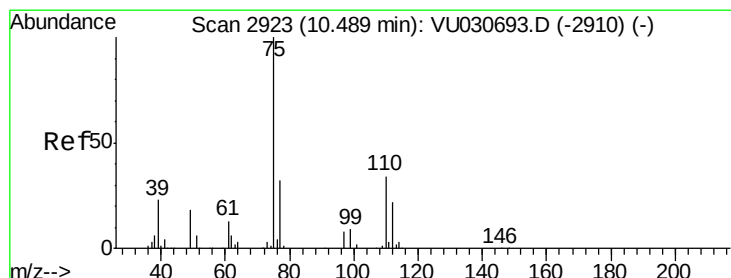
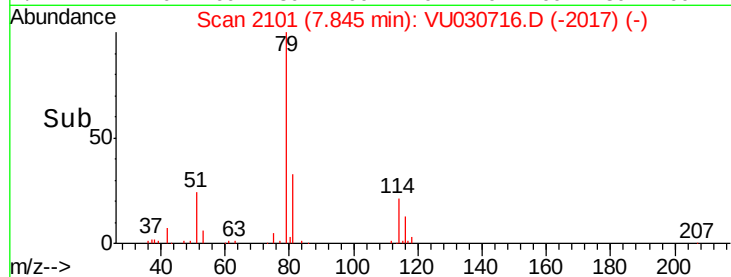
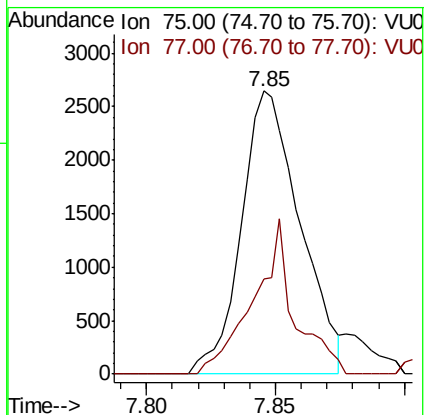
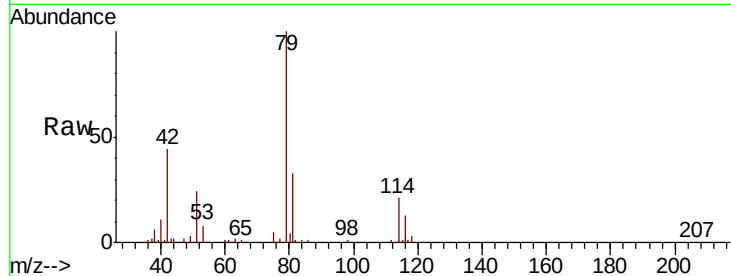
DB7D5

Tot Ion: 75 Resp: 4211

Ion Ratio Lower Upper

75 100

77 33.5 21.6 40.0



#59

1,2,3-Trichloropropane

Concen: 5.133 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030716.D

Acq: 05 Apr 2019 04:11

Tgt Ion: 75 Resp: 27472

Ion Ratio Lower Upper

75 100

77 35.2 26.1 39.1

