

Data File : VU031978.D
Acq On : 13 May 2019 19:06
Operator : JC/SP
Sample : K2744-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D21

Quant Time: May 14 02:44:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491714	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	490663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180917	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112779	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.68	69	118409	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.27	63	179163	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	4.18	46	511395	39.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.18%
24) Chloroform-d	4.64	84	264175	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.31	65	153737	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.33	84	521263	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.33	67	183853	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.56	98	392179	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.85	79	48787	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.31	63	363033	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161707	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	144880	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

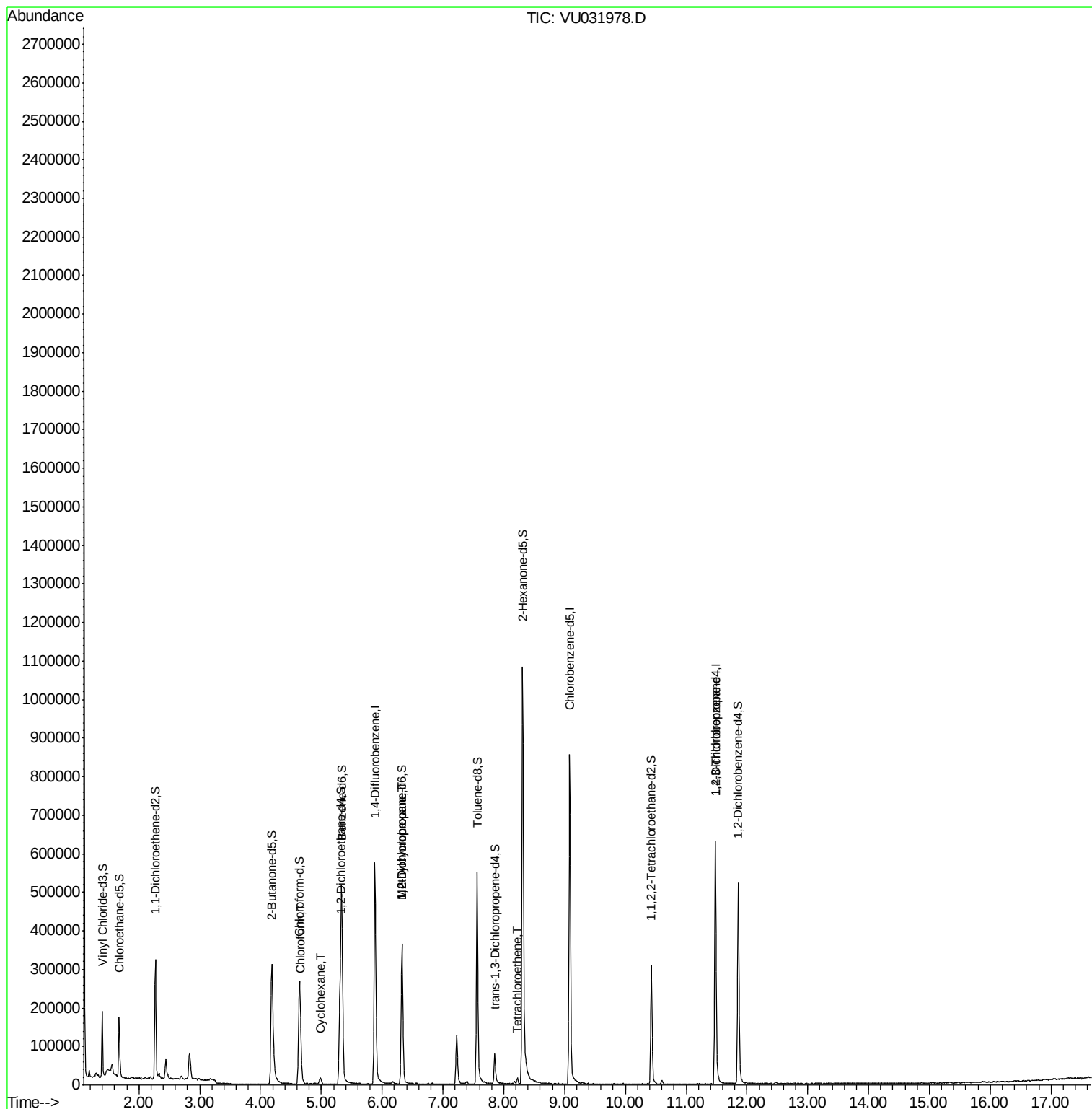
					Qvalue
25) Chloroform	4.67	83	27883	0.320 ug/L	100
30) Cyclohexane	4.98	56	7180	0.097 ug/L #	70
35) Methylcyclohexane	6.33	83	39618	0.639 ug/L #	12
37) 1,2-Dichloropropane	6.32	63	18477	0.377 ug/L #	92
47) Tetrachloroethene	8.22	164	3589	0.128 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	23390	0.807 ug/L	99

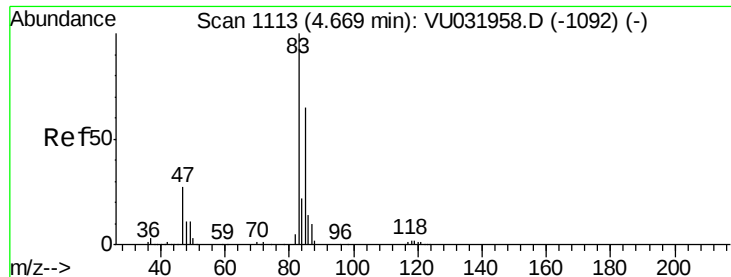
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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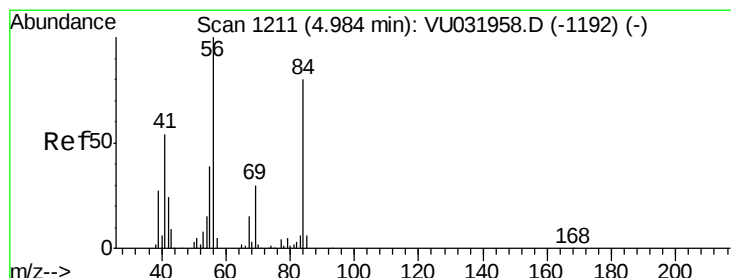
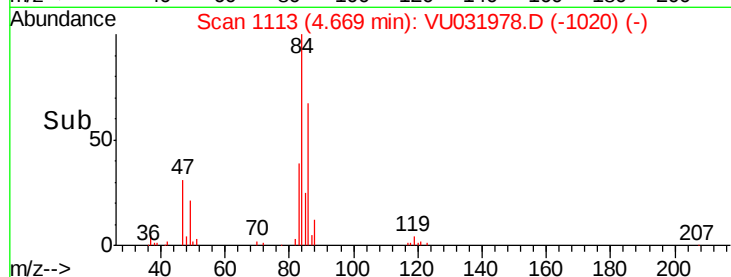
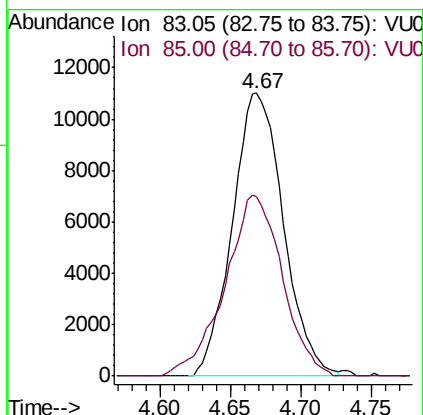
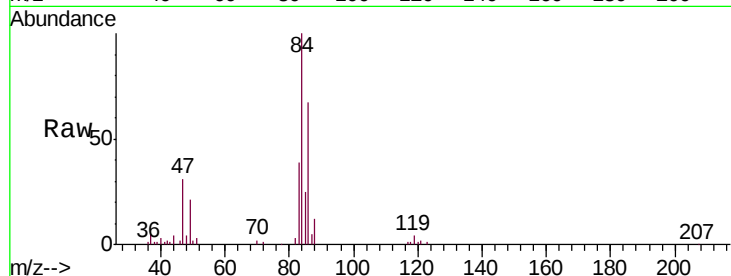




#25
Chloroform
Concen: 0.320 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031978.D
Acq: 13 May 2019 19:06

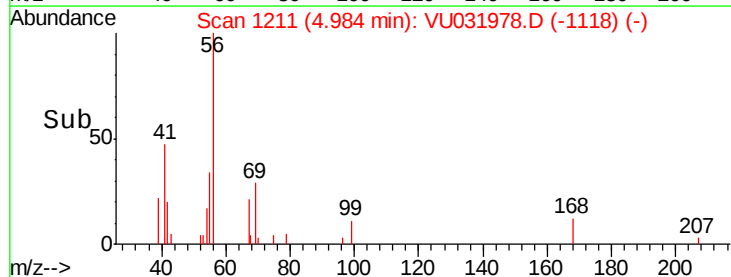
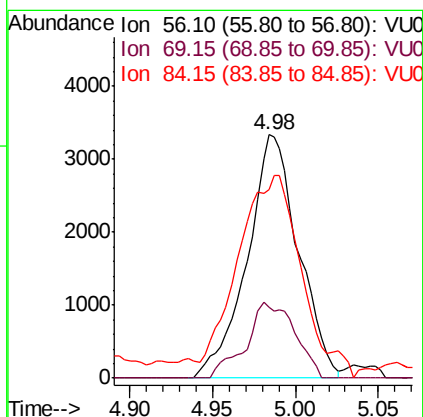
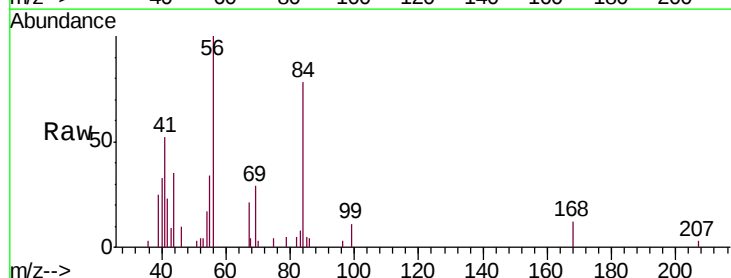
Instrument :
MSVOA_U
ClientSampleId :
F9D21

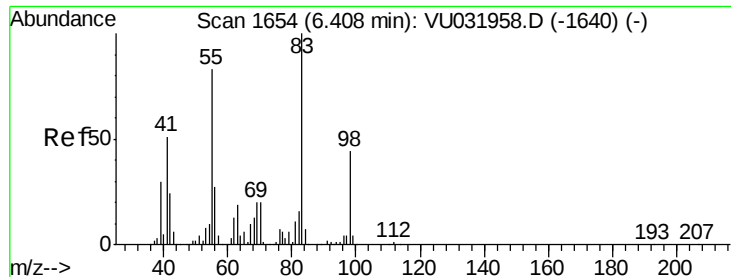
Tgt Ion: 83 Resp: 27883
Ion Ratio Lower Upper
83 100
85 63.3 44.4 82.5



#30
Cyclohexane
Concen: 0.097 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU031978.D
Acq: 13 May 2019 19:06

Tgt Ion: 56 Resp: 7180
Ion Ratio Lower Upper
56 100
69 29.5 21.8 32.8
84 104.2 56.8 85.2#





#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031978.D

Acq: 13 May 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

F9D21

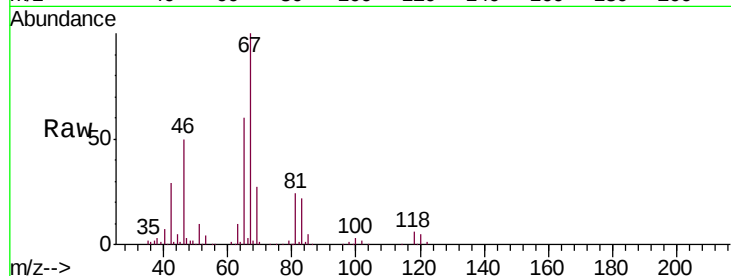
Tgt Ion: 83 Resp: 39618

Ion Ratio Lower Upper

83 100

55 1.0 79.2 118.8#

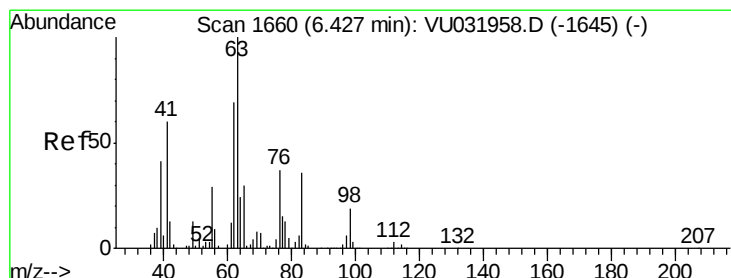
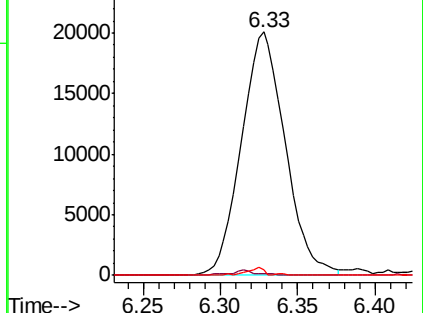
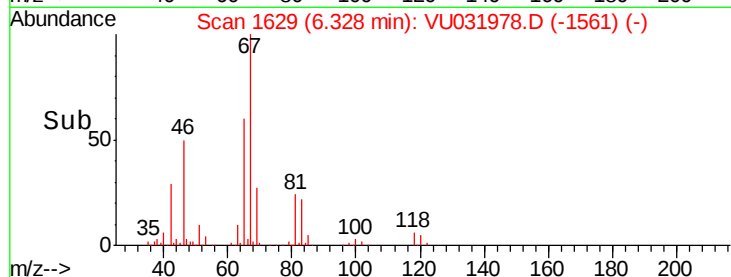
98 1.2 34.0 51.0#



Abundance Ion 83.15 (82.85 to 83.85): VU031978.D (-1629) (-)

Ion 55.10 (54.80 to 55.80): VU031978.D (-1629) (-)

Ion 98.15 (97.85 to 98.85): VU031978.D (-1629) (-)



#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031978.D

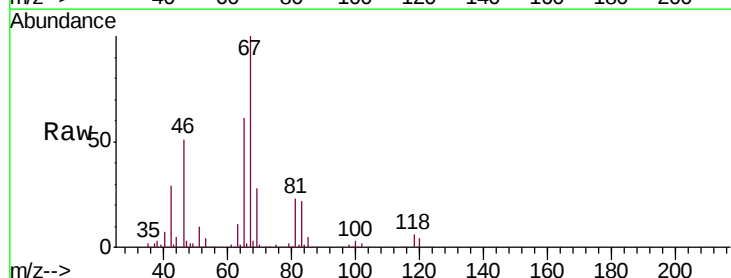
Acq: 13 May 2019 19:06

Tgt Ion: 63 Resp: 18477

Ion Ratio Lower Upper

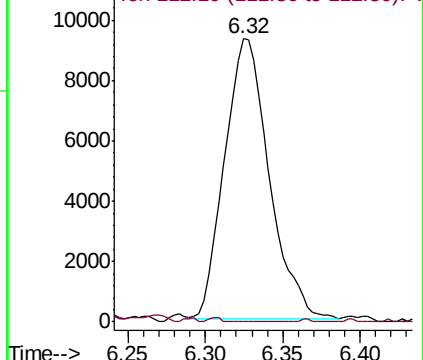
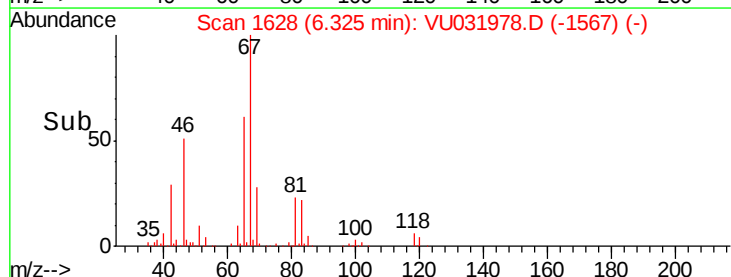
63 100

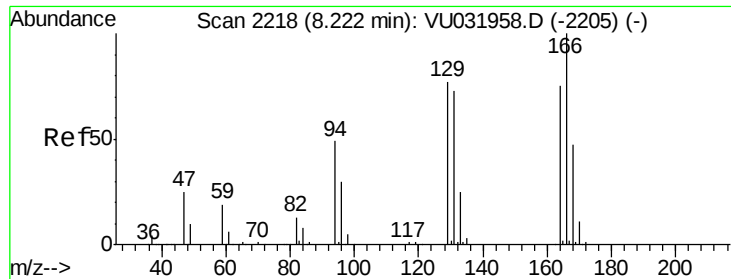
112 0.4 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031978.D (-1628) (-)

Ion 112.10 (111.80 to 112.80): VU031978.D (-1628) (-)





#47

Tetrachloroethene

Concen: 0.128 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031978.D

Acq: 13 May 2019 19:06

Instrument :

MSVOA_U

ClientSampleId :

F9D21

Tgt Ion:164 Resp: 3589

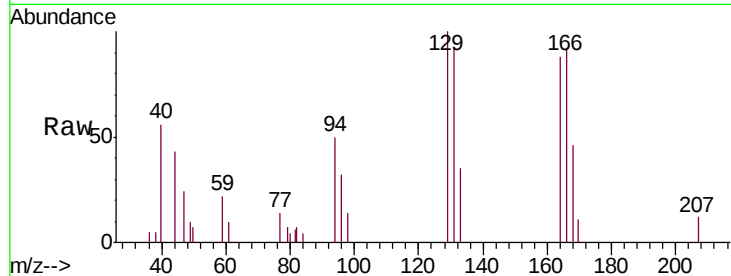
Ion Ratio Lower Upper

164 100

129 113.3 70.3 130.5

131 105.6 65.4 121.4

166 104.7 86.0 159.8

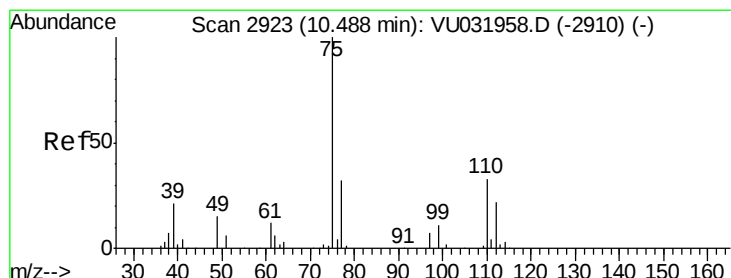
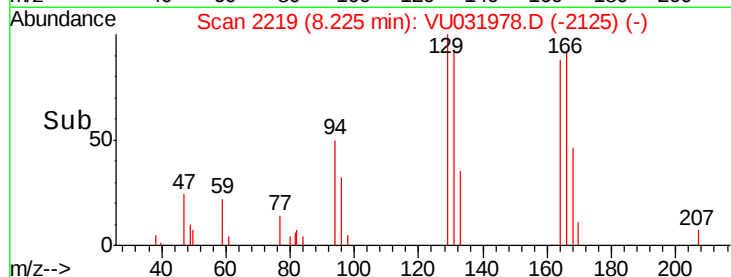
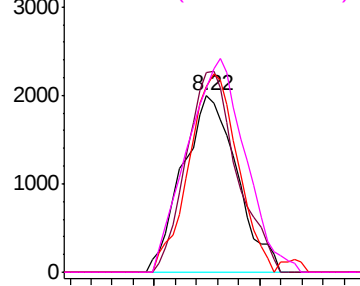


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#59

1,2,3-Trichloropropane

Concen: 0.807 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031978.D

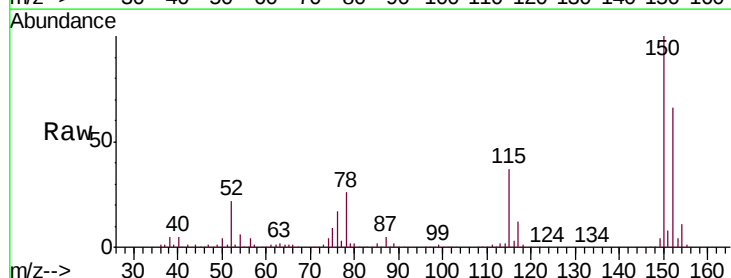
Acq: 13 May 2019 19:06

Tgt Ion: 75 Resp: 23390

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

