

Data File : VU031607.D
Acq On : 30 Apr 2019 00:03
Operator : JC/SP
Sample : K2592-10DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X03DL

Quant Time: Apr 30 04:54:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	653062	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	334869	61.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.54%
7) Chloroethane-d5	1.68	69	246849	58.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.88%
11) 1,1-Dichloroethene-d2	2.27	63	469054	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	4.18	46	537656	108.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.57%
24) Chloroform-d	4.64	84	508045	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
26) 1,2-Dichloroethane-d4	5.31	65	348712	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
32) Benzene-d6	5.34	84	1014925	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.32	67	350573	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.58%
41) Toluene-d8	7.56	98	826012	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.85	79	136790	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	300607	100.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	451060	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	247337	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

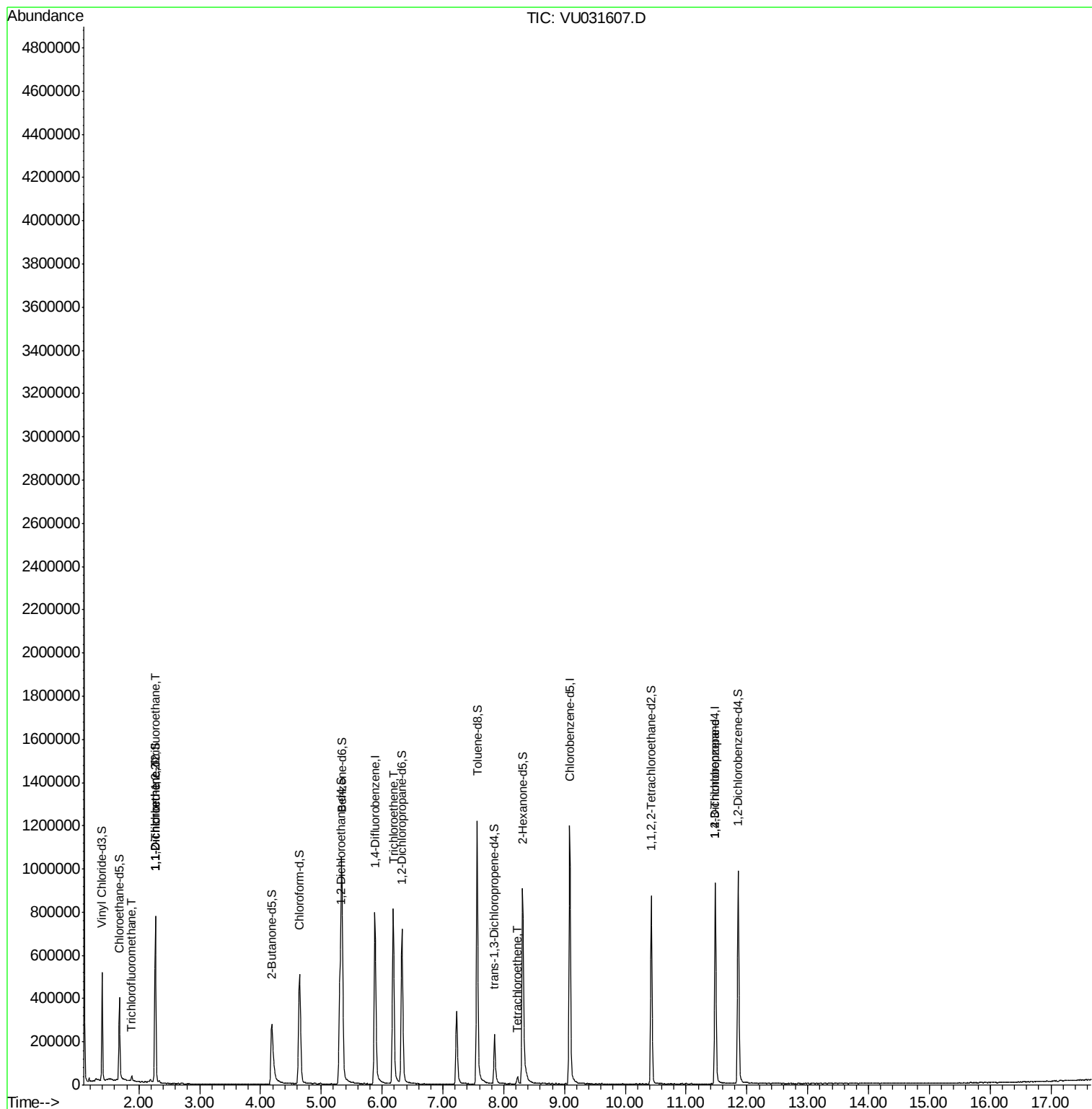
					Qvalue
9) Trichlorofluoromethane	1.88	101	7831	0.846 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3588	0.685 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3318	0.651 ug/L #	1
34) Trichloroethene	6.18	95	302986	53.206 ug/L	95
46) Tetrachloroethene	8.22	164	6780	1.746 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	32471	4.107 ug/L	95

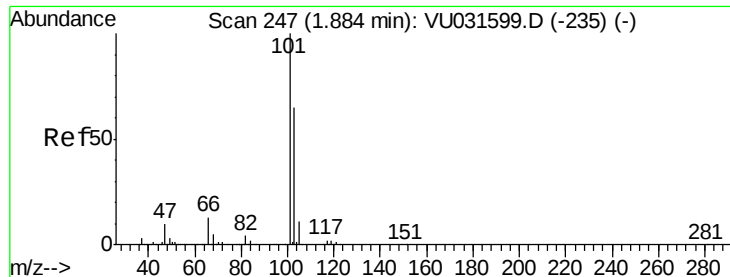
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.846 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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Acq: 30 Apr 2019 00:03

Instrument :

MSVOA_U

ClientSampleId :

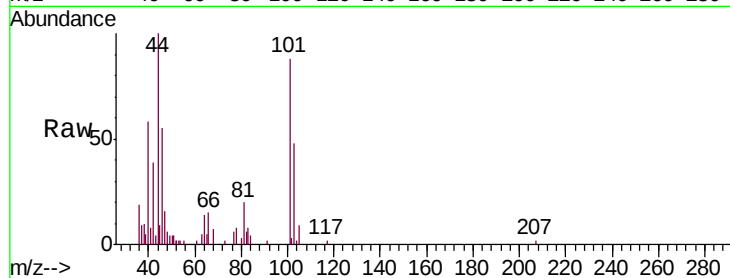
C0X03DL

Tgt Ion:101 Resp: 7831

Ion Ratio Lower Upper

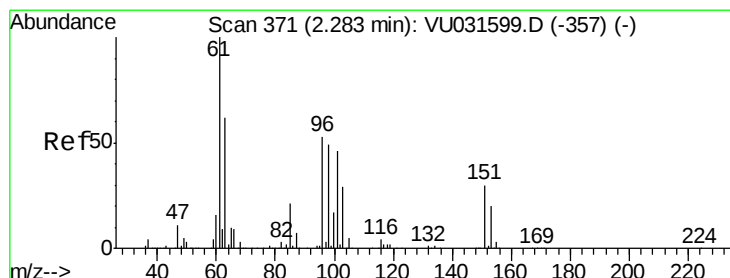
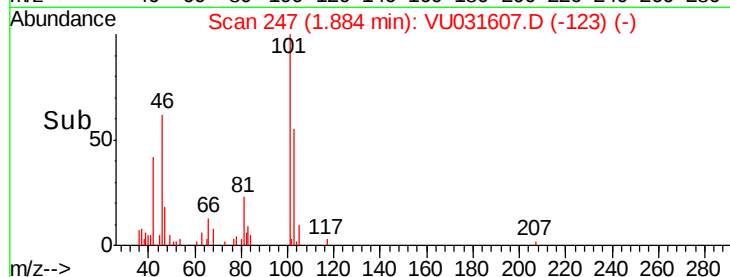
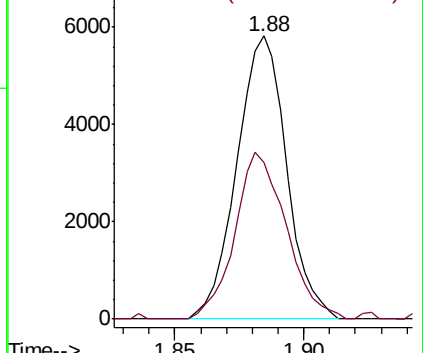
101 100

103 60.8 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.685 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031607.D

Acq: 30 Apr 2019 00:03

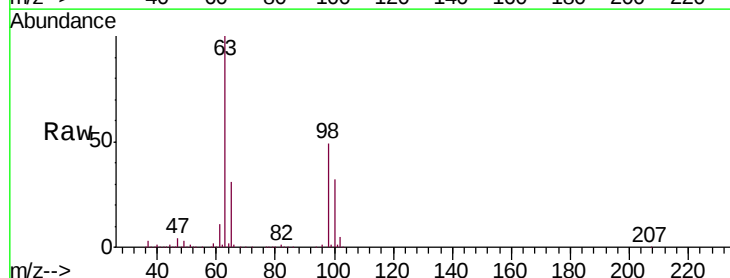
Tgt Ion:101 Resp: 3588

Ion Ratio Lower Upper

101 100

85 1.3 36.1 54.1#

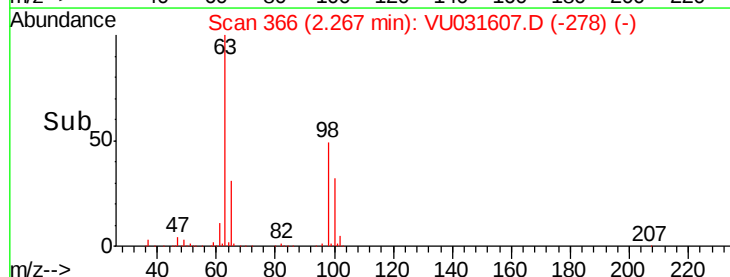
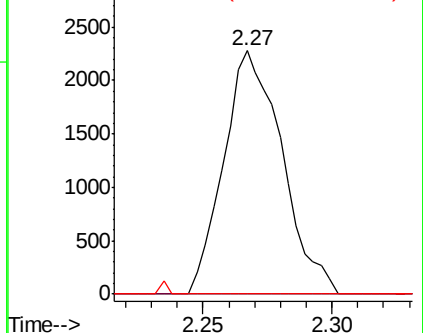
151 0.0 56.1 84.1#

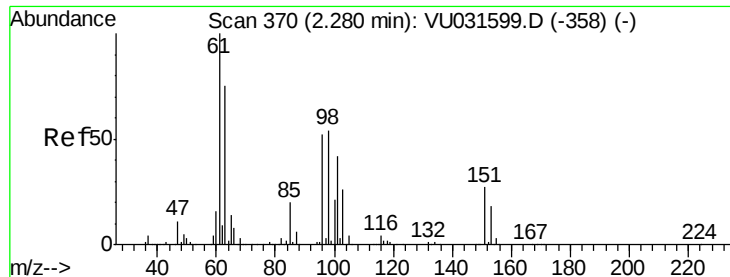


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

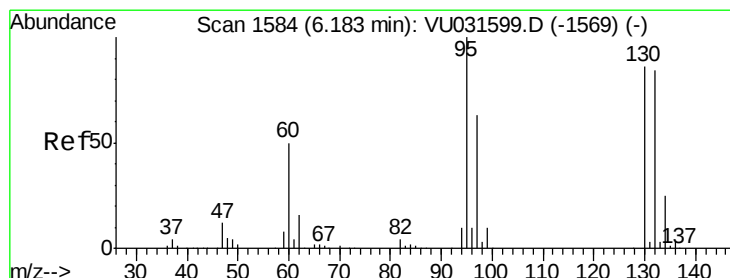
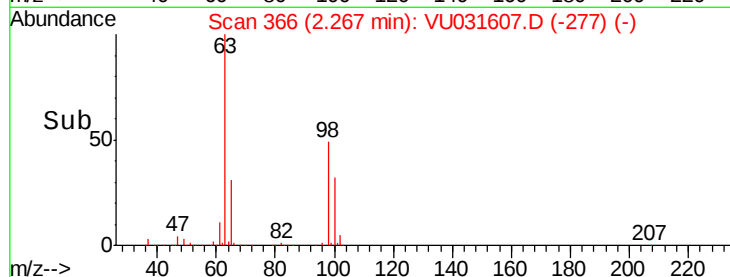
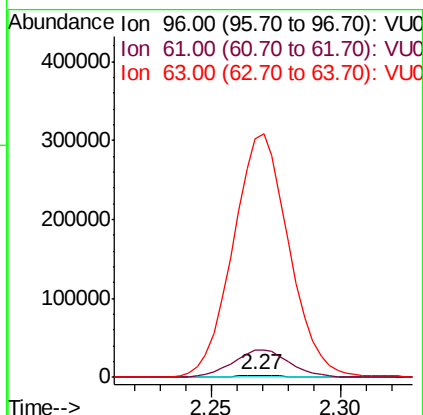
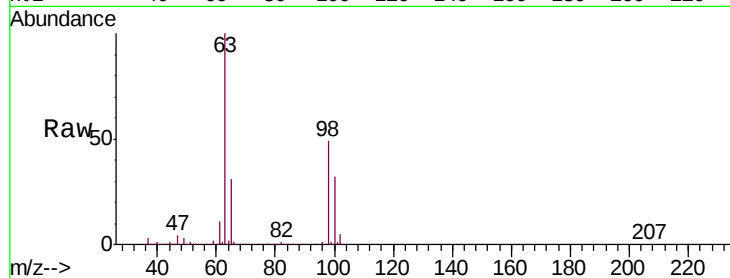




#12
1,1-Dichloroethene
Concen: 0.651 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031607.D
Acq: 30 Apr 2019 00:03

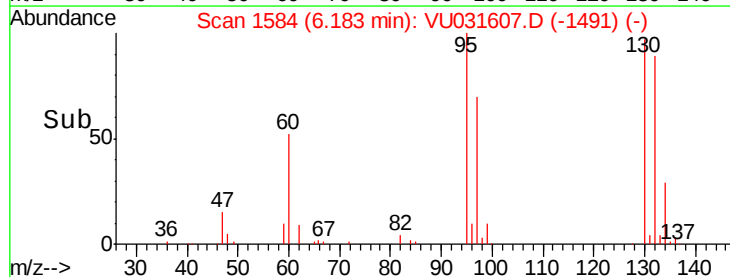
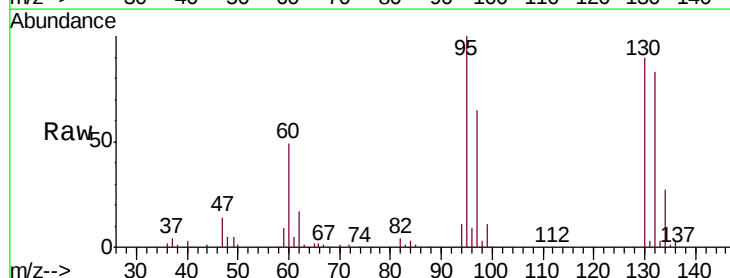
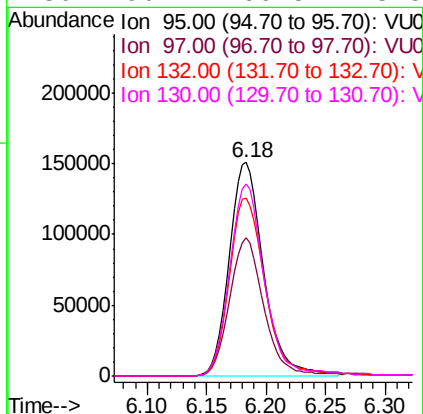
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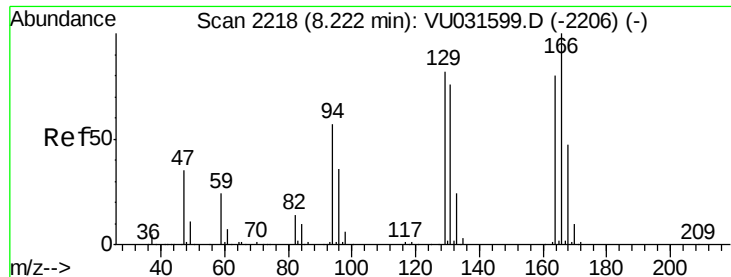
Tgt Ion: 96 Resp: 3318
Ion Ratio Lower Upper
96 100
61 1539.9 135.0 250.6#
63 13711.4 103.5 192.3#



#34
Trichloroethene
Concen: 53.206 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031607.D
Acq: 30 Apr 2019 00:03

Tgt Ion: 95 Resp: 302986
Ion Ratio Lower Upper
95 100
97 64.8 44.8 83.2
132 83.1 63.1 117.1
130 90.2 66.5 123.5





#46

Tetrachloroethene

Concen: 1.746 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031607.D

Acq: 30 Apr 2019 00:03

Instrument :

MSVOA_U

ClientSampleId :

C0X03DL

Tgt Ion:164 Resp: 6780

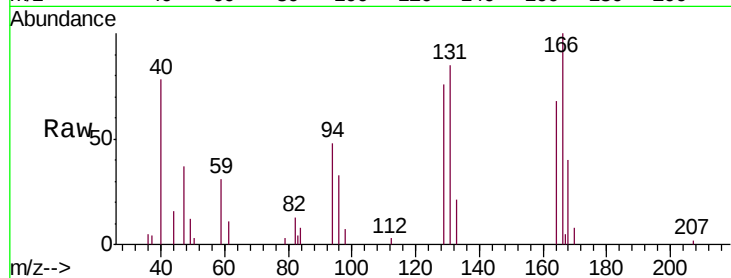
Ion Ratio Lower Upper

164 100

129 110.7 71.5 132.9

131 124.0 69.0 128.2

166 146.3 93.7 173.9

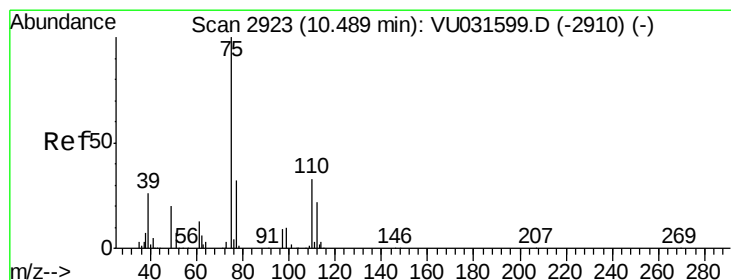
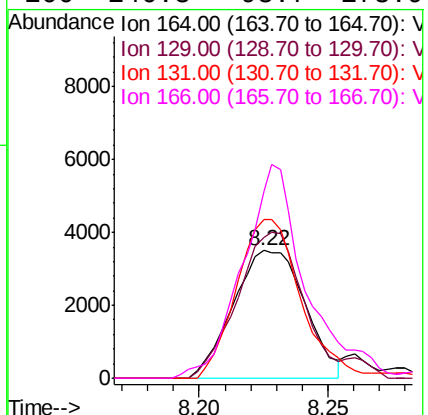
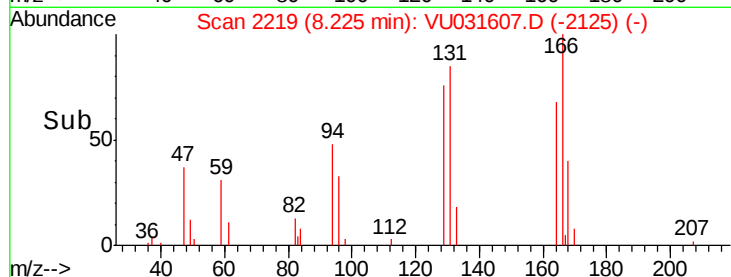


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.107 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031607.D

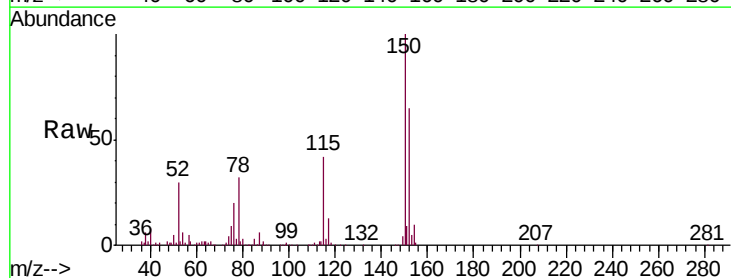
Acq: 30 Apr 2019 00:03

Tgt Ion: 75 Resp: 32471

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

