

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032412.D
 Acq On : 03 Jun 2019 23:04
 Operator : JC/SP
 Sample : K3081-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE3

Quant Time: Jun 04 09:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36893	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.56	69	1811	0.18	ug/L	-0.11
Spiked Amount	5.000	Range	65 - 130	Recovery	=	3.60%#
11) 1,1-Dichloroethene-d2	2.27	63	62420	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.18	46	100912	46.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.64	84	65562	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.30	65	39728	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.33	84	128706	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	42799	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.56	98	118737	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	17761	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	89940	49.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35859	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	40419	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

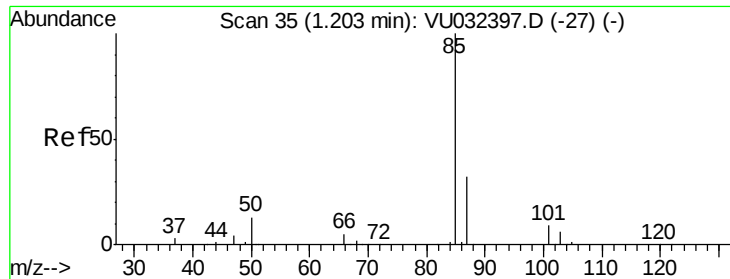
Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2180	0.130 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	6230	0.426 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	4886	0.334 ug/L	90
35) Methylcyclohexane	6.20	83	363931	14.490 ug/L #	1
37) 1,2-Dichloropropane	6.33	63	5150	0.341 ug/L #	90
47) Tetrachloroethene	8.22	164	12017	1.142 ug/L	96
49) Dibromochloromethane	8.22	129	11831	0.904 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	6093	0.620 ug/L	94

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

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ALS Vial  : 23   Sample Multiplier: 1
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Quant Time: Jun 04 09:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 08:55:15 2019
Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 0.130 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

Instrument :

MSVOA_U

ClientSampleId :

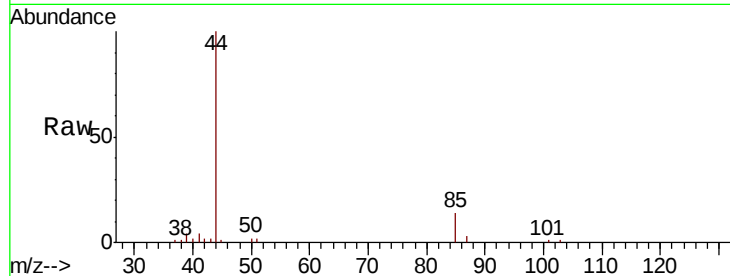
GALE3

Tgt Ion: 85 Resp: 2180

Ion Ratio Lower Upper

85 100

87 25.9 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU032412.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU032412.D (-1) (-)

1.20

2500

2000

1500

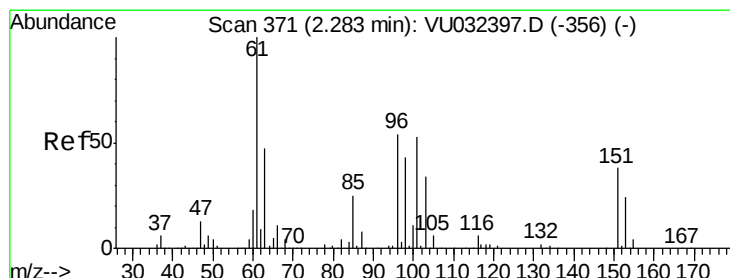
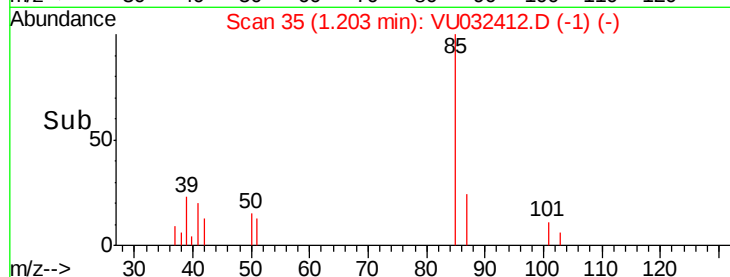
1000

500

0

Time-->

1.16 1.18 1.20 1.22 1.24



#10

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

Concen: 0.426 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

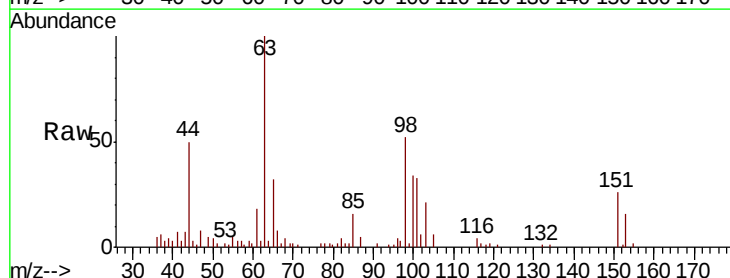
Tgt Ion: 101 Resp: 6230

Ion Ratio Lower Upper

101 100

85 50.0 38.0 57.0

151 71.1 58.1 87.1



Abundance Ion 101.00 (100.70 to 101.70): VU032412.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU032412.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU032412.D (-278) (-)

2.28

4000

3000

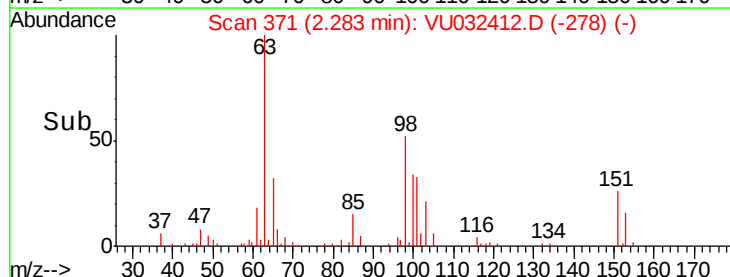
2000

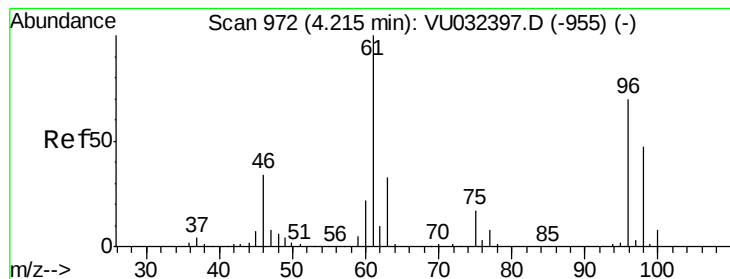
1000

0

Time-->

2.25 2.30 2.35



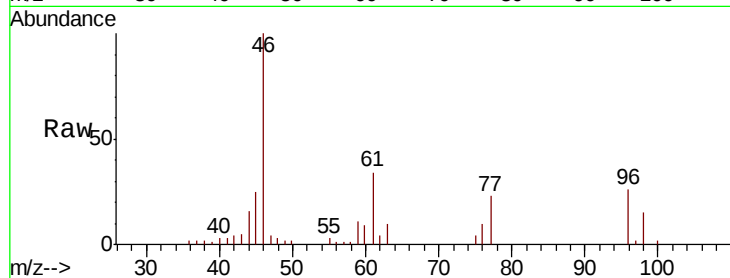


#22

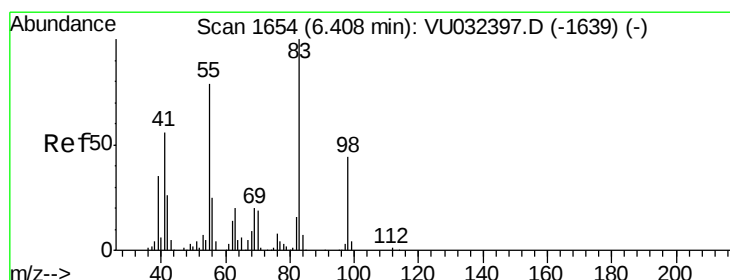
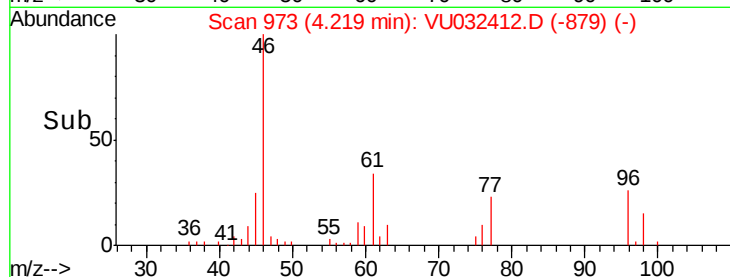
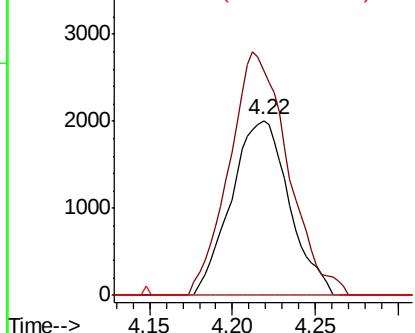
cis-1,2-Dichloroethene
Concen: 0.334 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032412.D
Acq: 03 Jun 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :
GALE3

Tgt Ion: 96 Resp: 4886
Ion Ratio Lower Upper
96 100
61 128.8 99.0 183.8
68 0.0 0.0 0.0



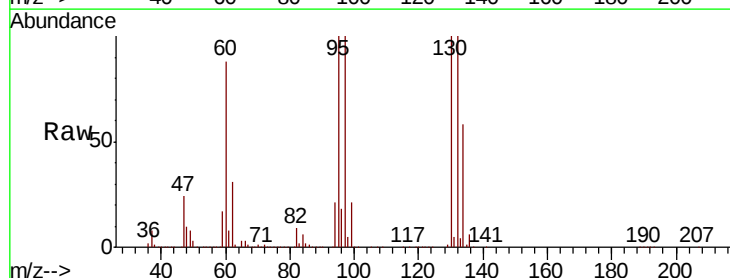
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



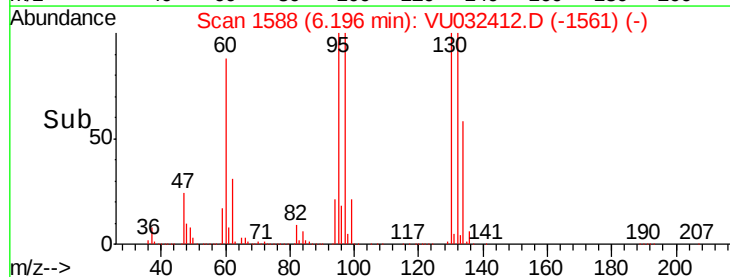
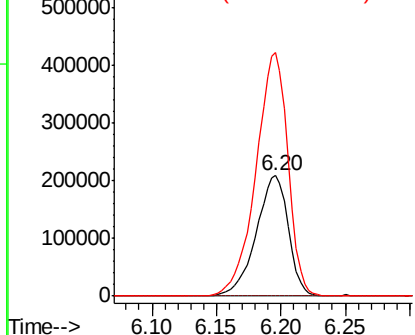
#35

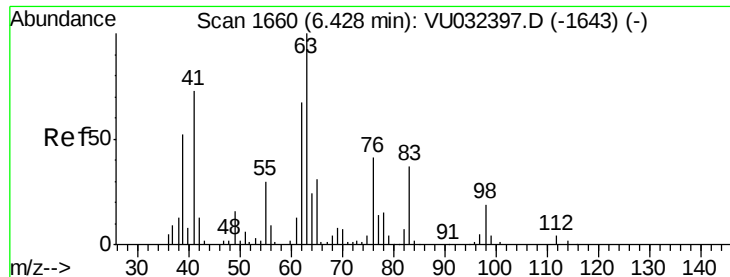
Methylcyclohexane
Concen: 14.490 ug/L
RT: 6.20 min Scan# 1588
Delta R.T. -0.21 min
Lab File: VU032412.D
Acq: 03 Jun 2019 23:04

Tgt Ion: 83 Resp: 363931
Ion Ratio Lower Upper
83 100
55 0.5 64.7 97.1#
98 201.1 35.9 53.9#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.341 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

Instrument :

MSVOA_U

ClientSampled :

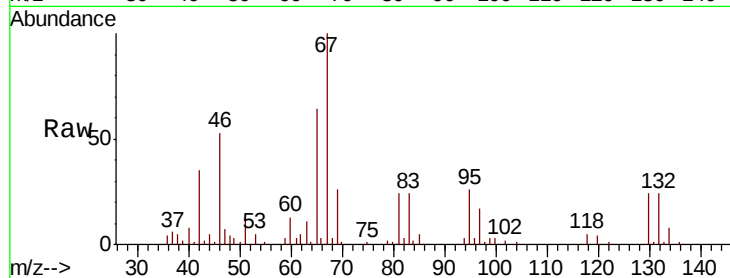
GALE3

Tgt Ion: 63 Resp: 5150

Ion Ratio Lower Upper

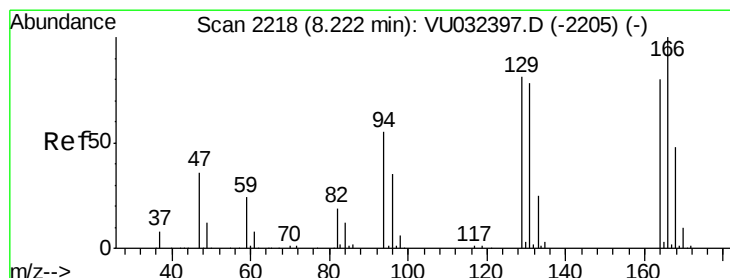
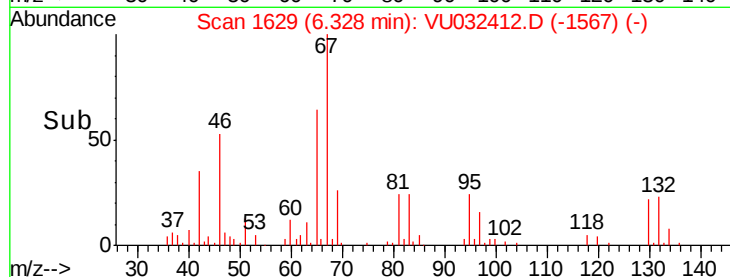
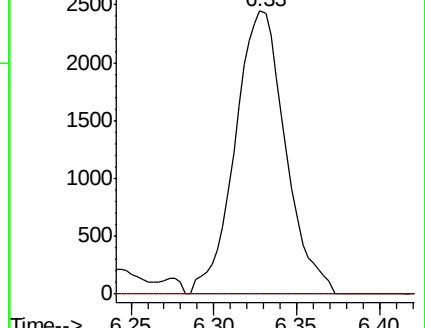
63 100

112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU032412.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU032412.D (-1629) (-)



#47

Tetrachloroethene

Concen: 1.142 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

Tgt Ion:164 Resp: 12017

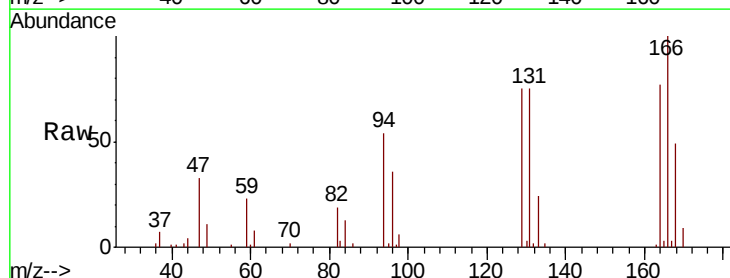
Ion Ratio Lower Upper

164 100

129 98.2 72.1 133.9

131 97.5 71.9 133.5

166 130.1 89.0 165.4

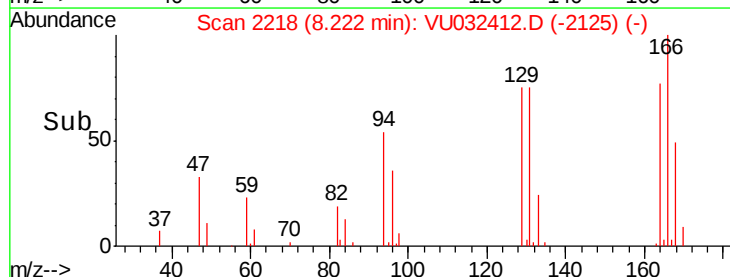
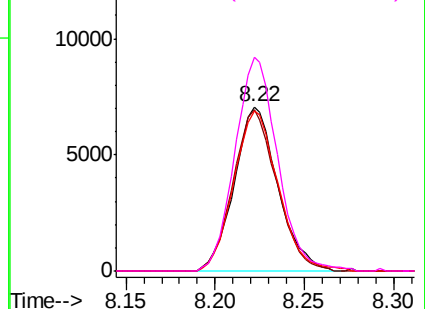


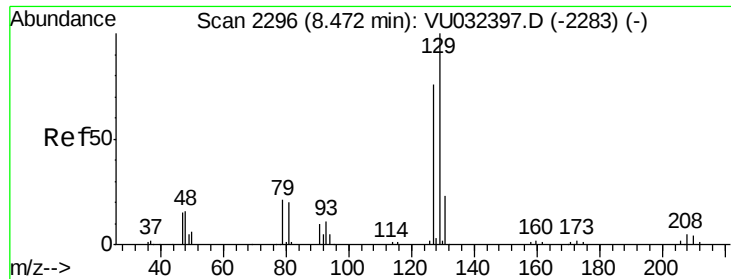
Abundance Ion 163.90 (163.60 to 164.60): VU032412.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU032412.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU032412.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU032412.D (-2218) (-)





#49

Dibromochloromethane

Concen: 0.904 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

Instrument :

MSVOA_U

ClientSampleId :

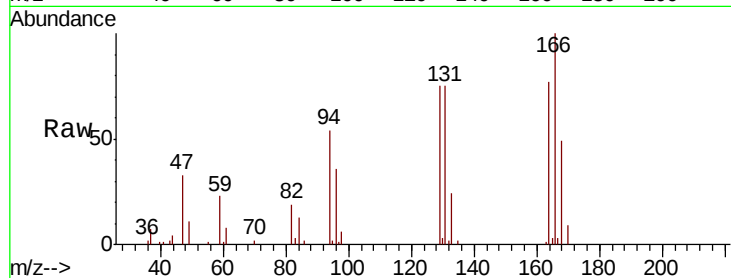
GALE3

Tgt Ion:129 Resp: 11831

Ion Ratio Lower Upper

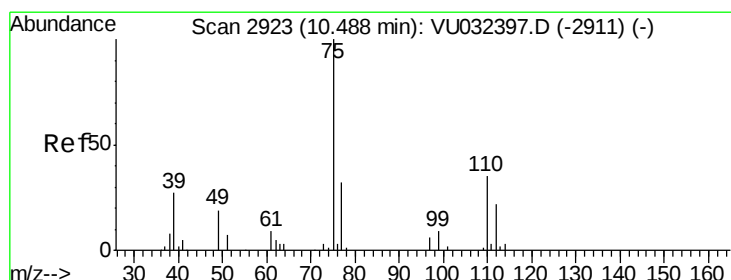
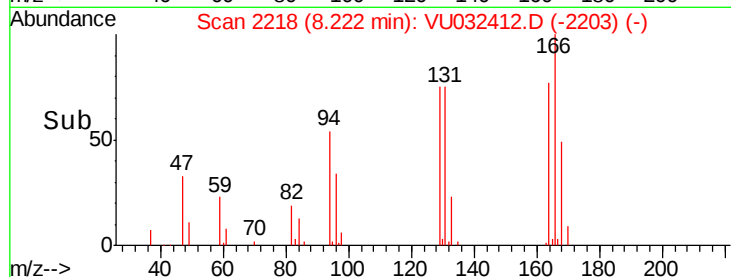
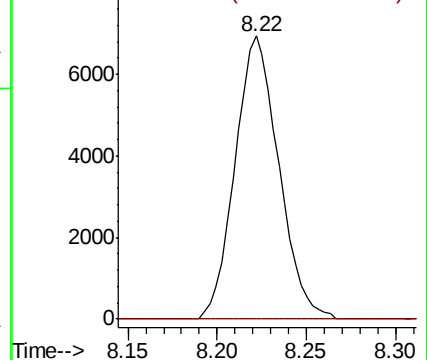
129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.620 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032412.D

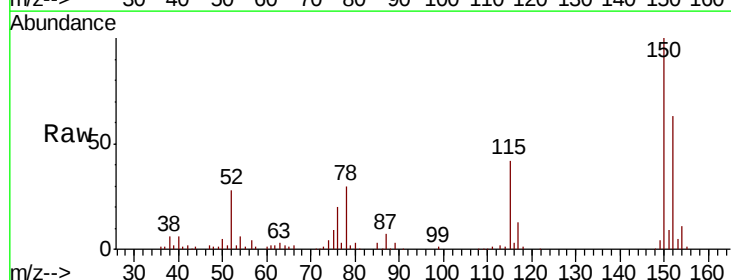
Acq: 03 Jun 2019 23:04

Tgt Ion: 75 Resp: 6093

Ion Ratio Lower Upper

75 100

77 35.7 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

