

Data File : VU032433.D
Acq On : 04 Jun 2019 17:31
Operator : JC/SP
Sample : K3081-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE0

Quant Time: Jun 04 23:09:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	98669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34199	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.67	69	27700	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	52498	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.18	46	93005	51.95	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.90%
24) Chloroform-d	4.64	84	60557	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.31	65	33858	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.33	84	128358	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.32	67	38531	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	119895	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.85	79	16680	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.31	63	78747	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31266	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	48807	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

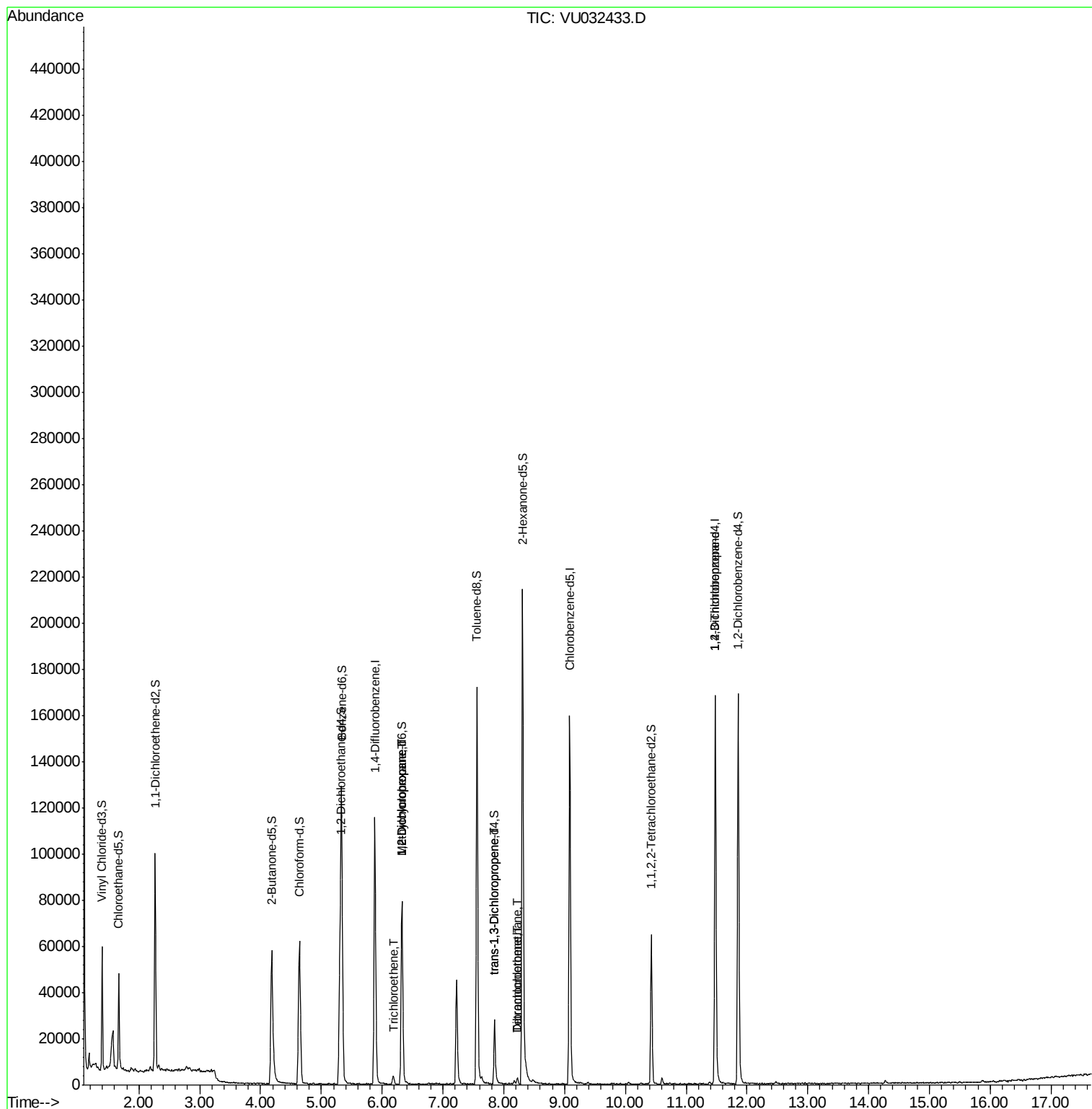
					Qvalue
34) Trichloroethene	6.18	95	1585	0.200 ug/L	96
35) Methylcyclohexane	6.32	83	9010	0.709 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	4212	0.592 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	762	0.087 ug/L #	69
47) Tetrachloroethene	8.22	164	679	0.109 ug/L	80
49) Dibromochloromethane	8.22	129	549	0.083 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5581	1.195 ug/L #	88

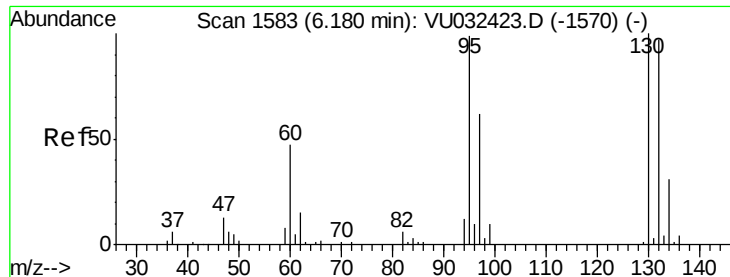
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.200 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Acq: 04 Jun 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

GALE0

Tgt Ion: 95 Resp: 1585

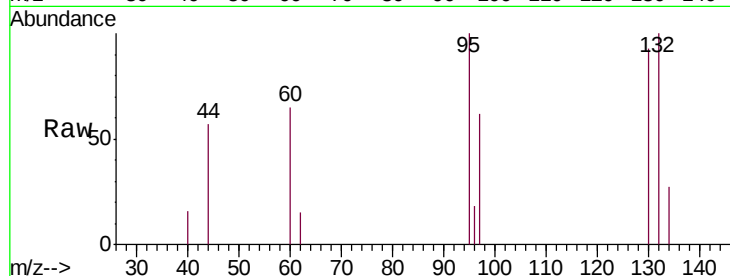
Ion Ratio Lower Upper

95 100

97 62.3 44.1 81.9

132 100.3 68.8 127.8

130 92.8 71.0 131.8

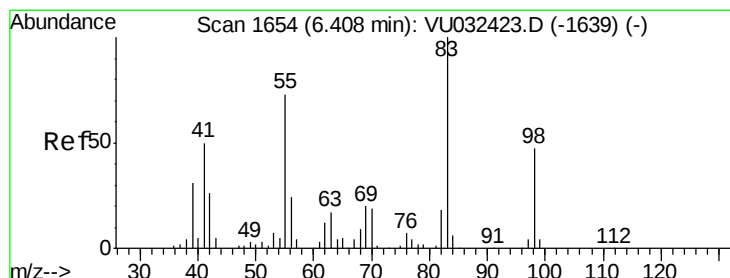
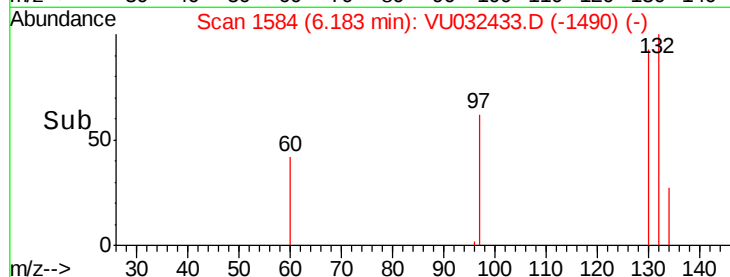
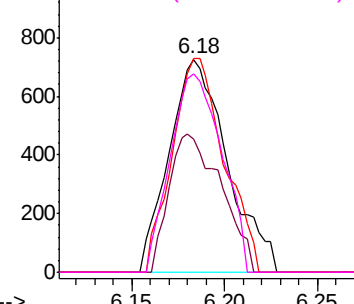


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032433.D

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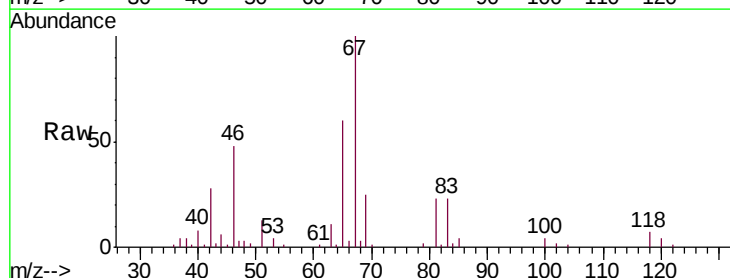
Tgt Ion: 83 Resp: 9010

Ion Ratio Lower Upper

83 100

55 1.2 60.0 90.0#

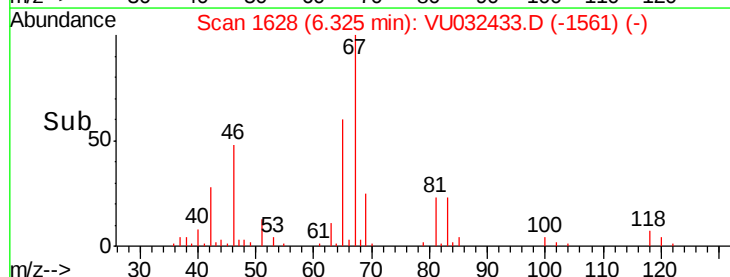
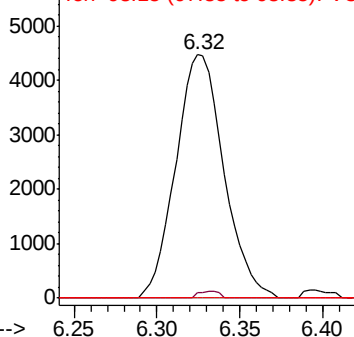
98 0.0 37.8 56.8#

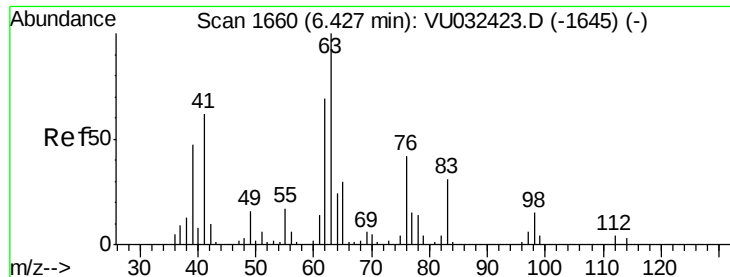


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032433.D

Acq: 04 Jun 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

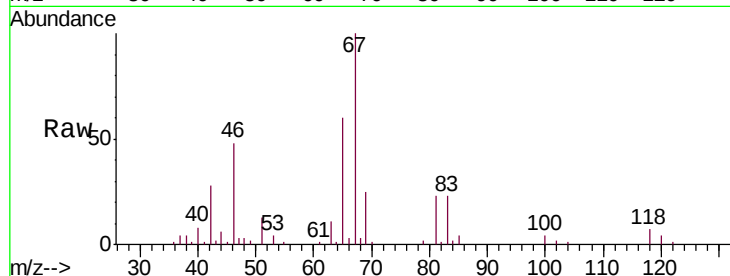
GALE0

Tgt Ion: 63 Resp: 4212

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032423.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU032423.D (-1645) (-)

2500

2000

1500

1000

500

0

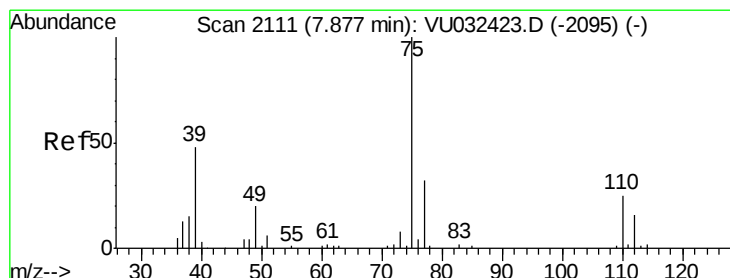
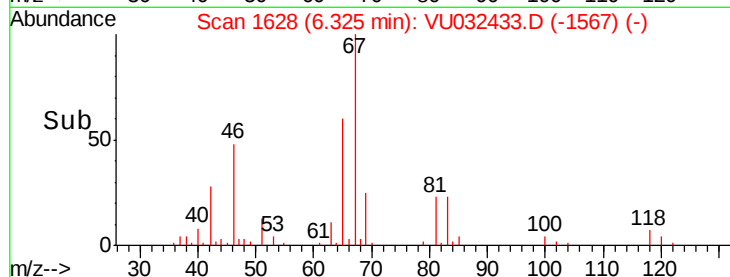
6.25

6.30

6.32

6.35

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032433.D

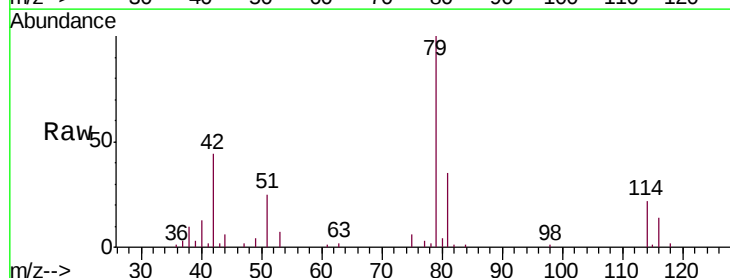
Acq: 04 Jun 2019 17:31

Tgt Ion: 75 Resp: 762

Ion Ratio Lower Upper

75 100

77 49.5 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU032423.D (-2095) (-)

Ion 77.05 (76.75 to 77.75): VU032423.D (-2095) (-)

500

400

300

200

100

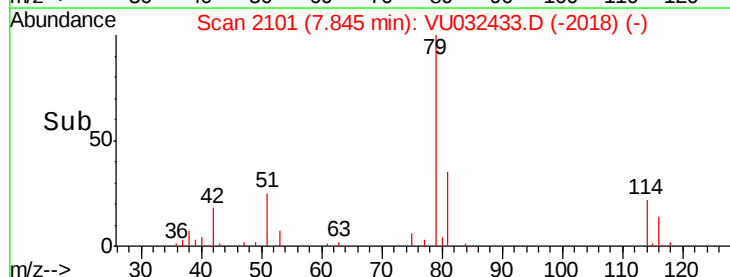
0

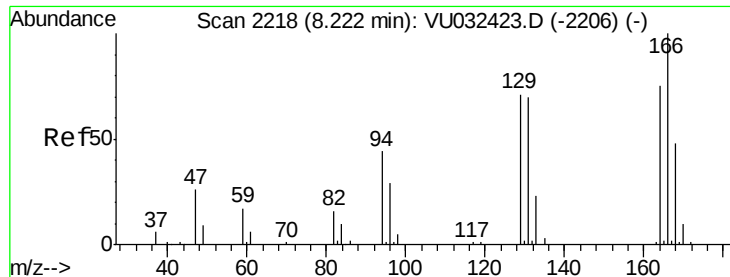
7.80

7.85

7.90

Time-->





#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032433.D

Acq: 04 Jun 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

GALE0

Tgt Ion:164 Resp: 679

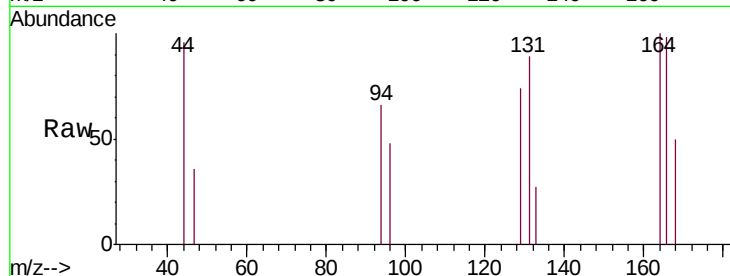
Ion Ratio Lower Upper

164 100

129 73.9 66.1 122.7

131 89.0 65.6 121.8

166 97.9 93.2 173.2

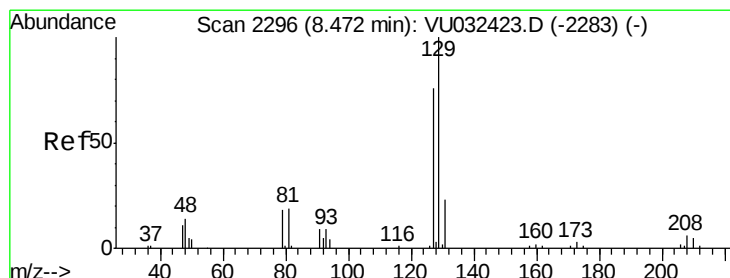
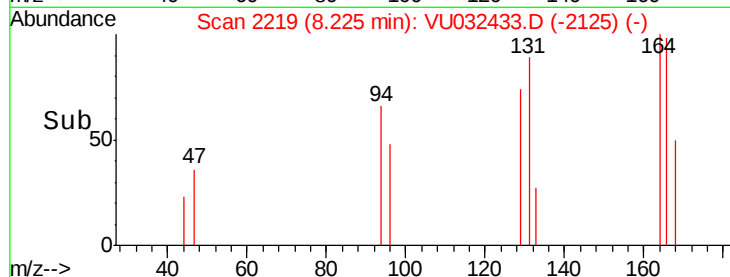
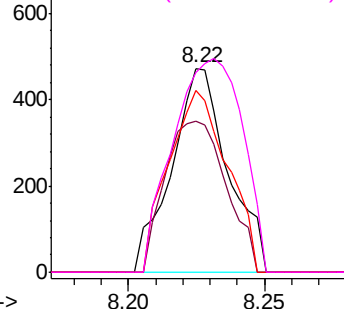


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.083 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032433.D

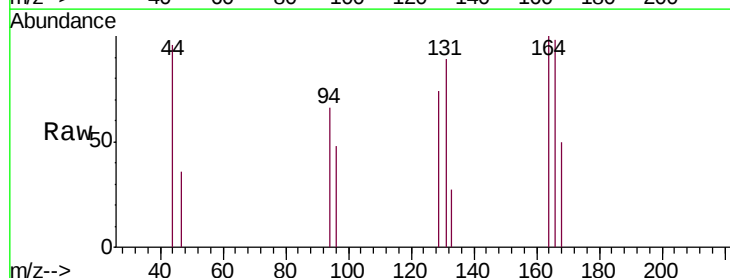
Acq: 04 Jun 2019 17:31

Tgt Ion:129 Resp: 549

Ion Ratio Lower Upper

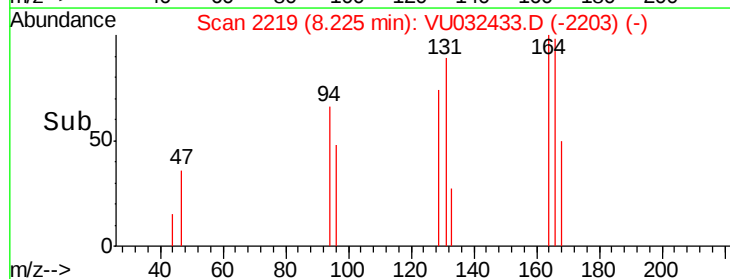
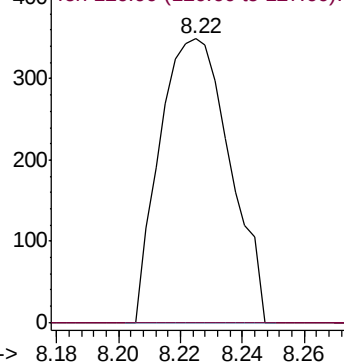
129 100

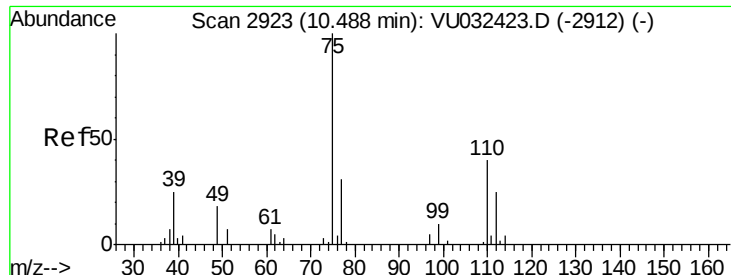
127 0.0 53.3 98.9#



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: 1.195 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032433.D
 Acq: 04 Jun 2019 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE0

Tgt Ion: 75 Resp: 5581
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.3 37.9#

