

Data File : VU031842.D
Acq On : 09 May 2019 00:20
Operator : JC/SP
Sample : K2743-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D03

Quant Time: May 09 07:02:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	422605	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	430378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136715	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	117047	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	201820	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.20	46	531657	47.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.64	84	283726	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	161076	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.33	84	540808	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	192021	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.56	98	415593	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	56331	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	349985	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151834	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	147481	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

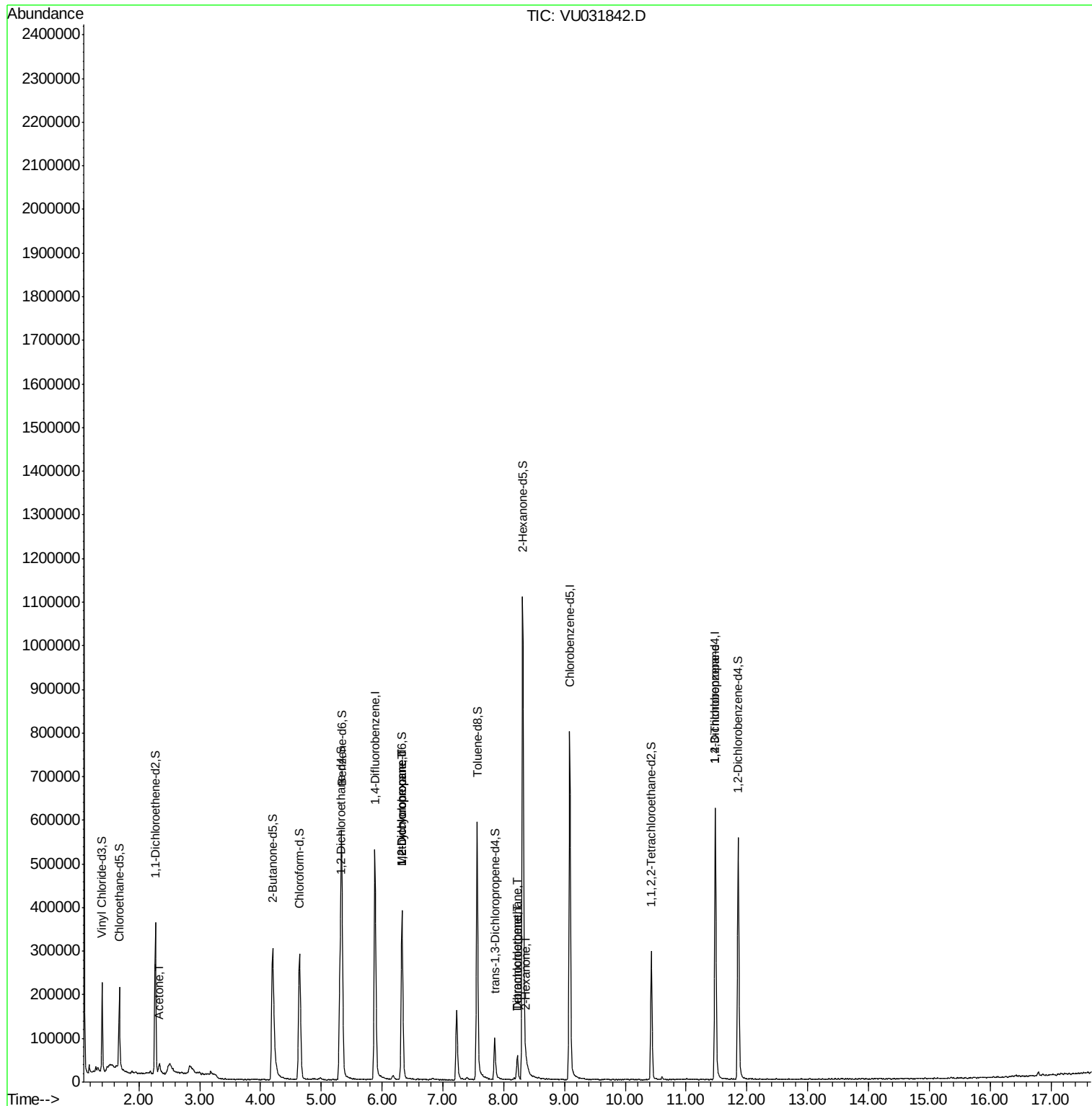
					Qvalue
13) Acetone	2.33	43	16080	2.094 ug/L	91
35) Methylcyclohexane	6.33	83	41403	0.762 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	19746	0.460 ug/L #	91
47) Tetrachloroethene	8.22	164	13004	0.529 ug/L	95
48) 2-Hexanone	8.38	43	20635	1.005 ug/L #	46
49) Dibromochloromethane	8.22	129	12733	0.430 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22603	0.889 ug/L	93

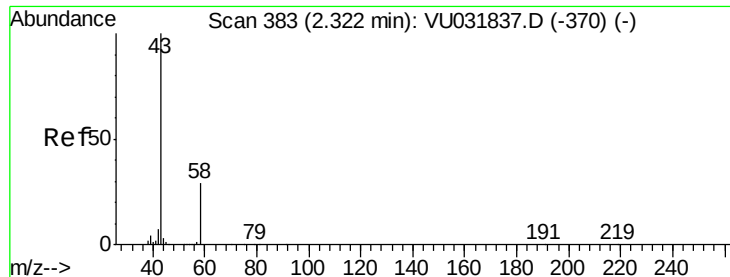
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
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#13

Acetone

Concen: 2.094 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU031842.D

Acq: 09 May 2019 00:20

Instrument :

MSVOA_U

ClientSampleId :

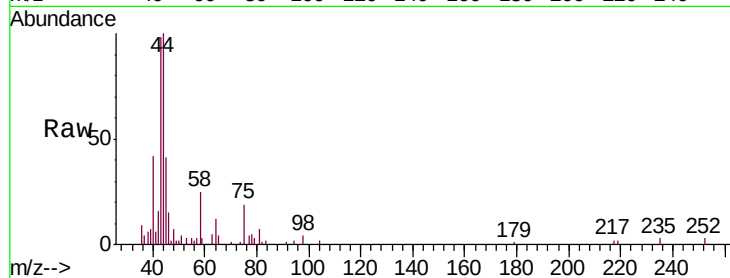
F9D03

Tgt Ion: 43 Resp: 16080

Ion Ratio Lower Upper

43 100

58 31.3 0.0 53.6



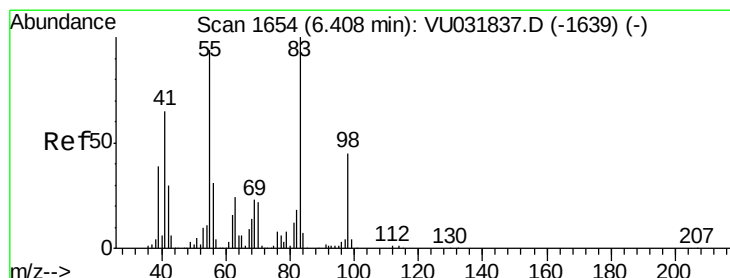
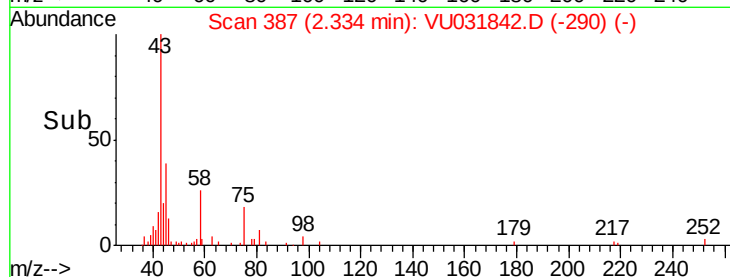
Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)

Time-->

2.33

2.25 2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031842.D

Acq: 09 May 2019 00:20

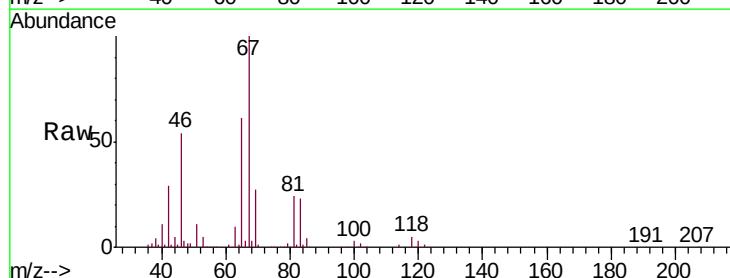
Tgt Ion: 83 Resp: 41403

Ion Ratio Lower Upper

83 100

55 0.8 79.2 118.8#

98 1.2 34.0 51.0#



Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

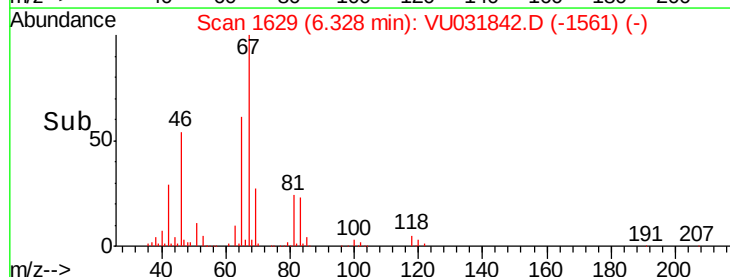
Ion 55.10 (54.80 to 55.80): VU031837.D (-1639) (-)

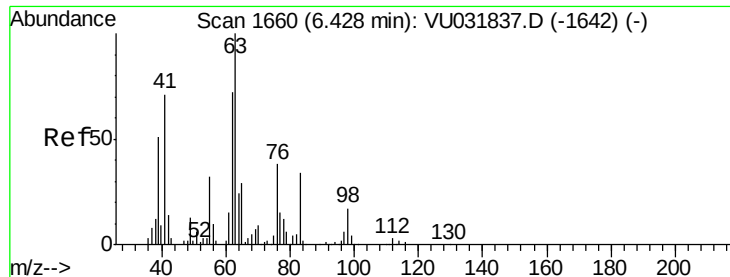
Ion 98.15 (97.85 to 98.85): VU031837.D (-1639) (-)

Time-->

6.33

6.25 6.30 6.35 6.40

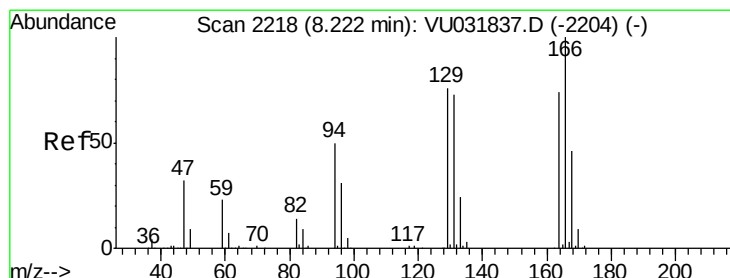
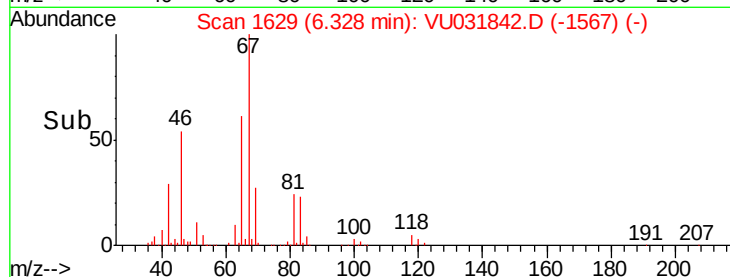
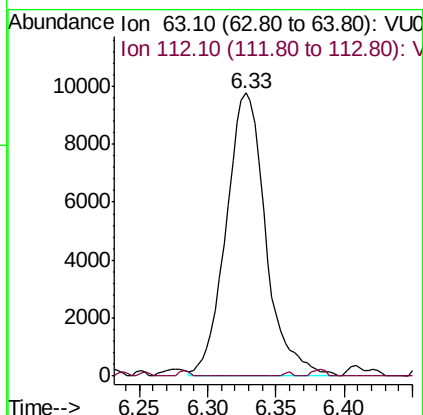
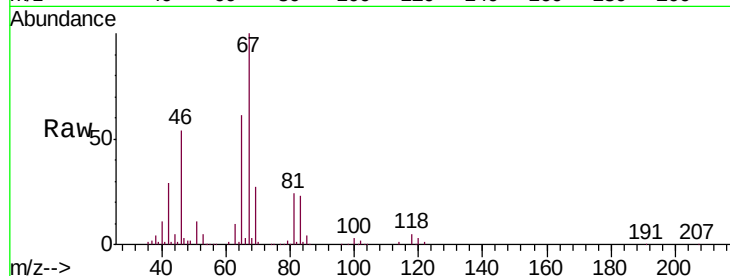




#37
 1,2-Dichloropropane
 Concen: 0.460 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031842.D
 Acq: 09 May 2019 00:20

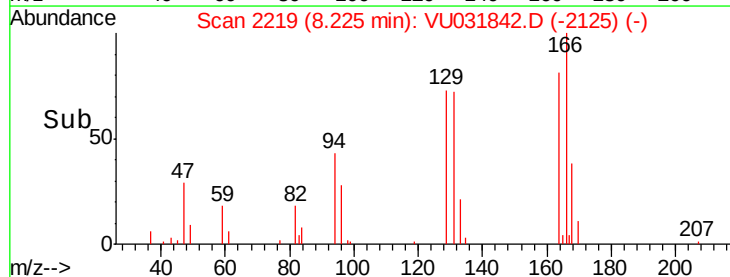
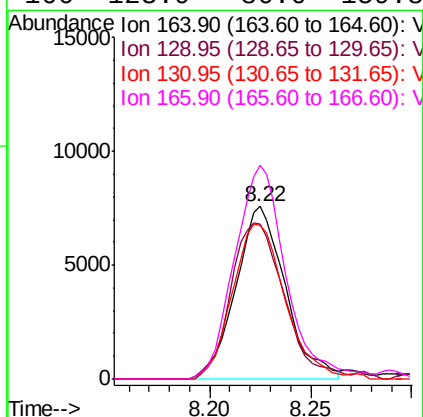
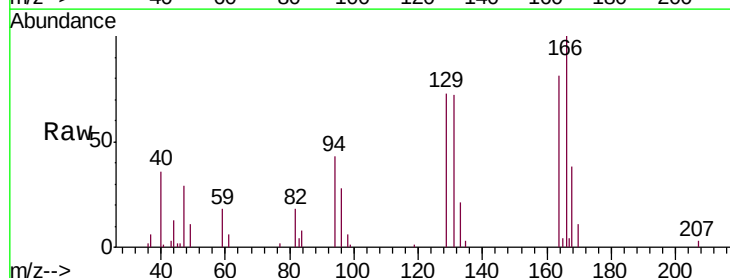
Instrument :
 MSVOA_U
 ClientSampled :
 F9D03

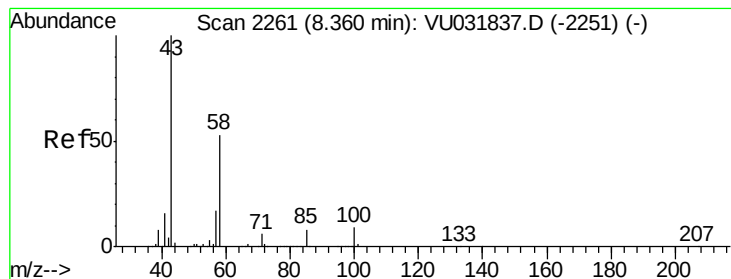
Tgt Ion: 63 Resp: 19746
 Ion Ratio Lower Upper
 63 100
 112 0.2 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.529 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031842.D
 Acq: 09 May 2019 00:20

Tgt Ion: 164 Resp: 13004
 Ion Ratio Lower Upper
 164 100
 129 90.1 70.3 130.5
 131 89.2 65.4 121.4
 166 123.9 86.0 159.8





#48

2-Hexanone

Concen: 1.005 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.02 min

Lab File: VU031842.D

Acq: 09 May 2019 00:20

Instrument :

MSVOA_U

ClientSampleId :

F9D03

Tgt Ion: 43 Resp: 20635

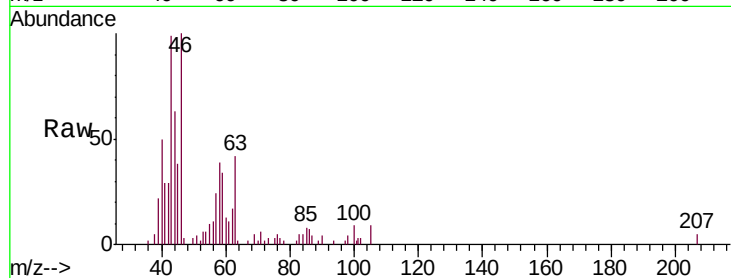
Ion Ratio Lower Upper

43 100

58 0.0 40.2 60.2#

57 7.1 13.8 20.6#

100 6.4 6.4 9.6

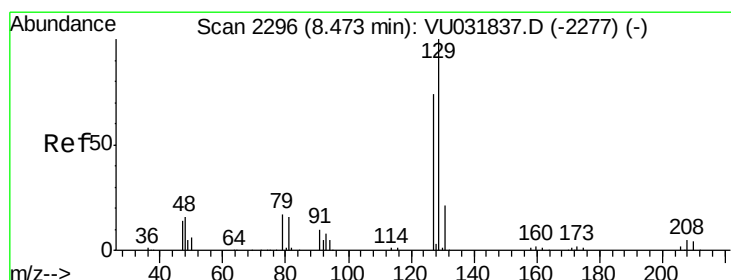
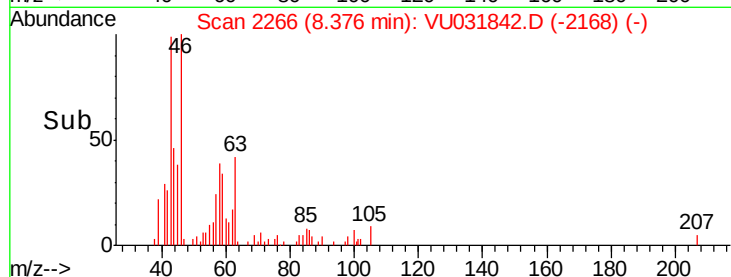
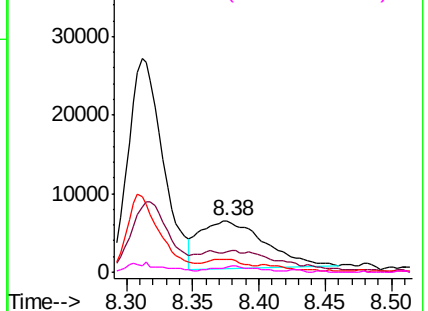


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#49

Dibromochloromethane

Concen: 0.430 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031842.D

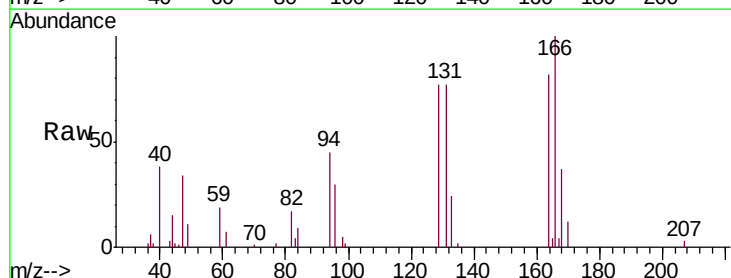
Acq: 09 May 2019 00:20

Tgt Ion: 129 Resp: 12733

Ion Ratio Lower Upper

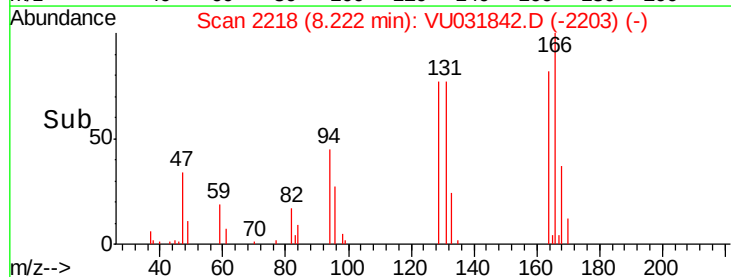
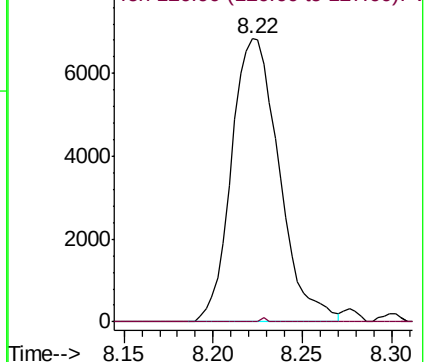
129 100

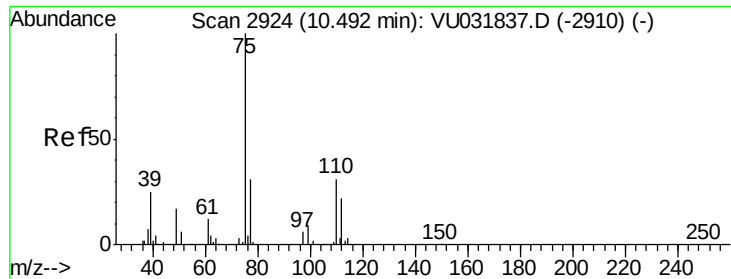
127 0.0 54.7 101.7#



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: 0.889 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031842.D

Acq: 09 May 2019 00:20

Instrument :

MSVOA_U

ClientSampleId :

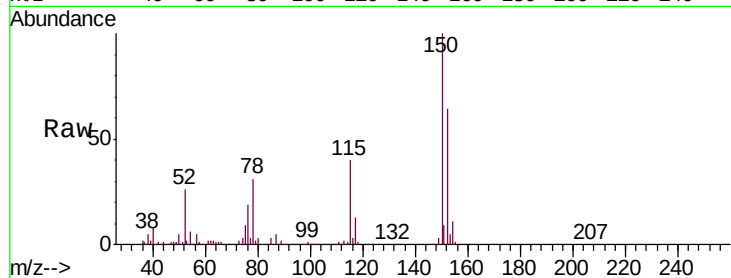
F9D03

Tgt Ion: 75 Resp: 22603

Ion Ratio Lower Upper

75 100

77 37.1 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

