

Data File : VU031857.D
Acq On : 09 May 2019 06:32
Operator : JC/SP
Sample : K2743-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D31

Quant Time: May 09 07:04:13 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	423931	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129508	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.67	69	121475	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	200813	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.18	46	520928	46.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	4.64	84	278545	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	158119	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.33	84	535260	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	195044	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	397419	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.85	79	54240	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.31	63	333711	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156263	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	139631	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

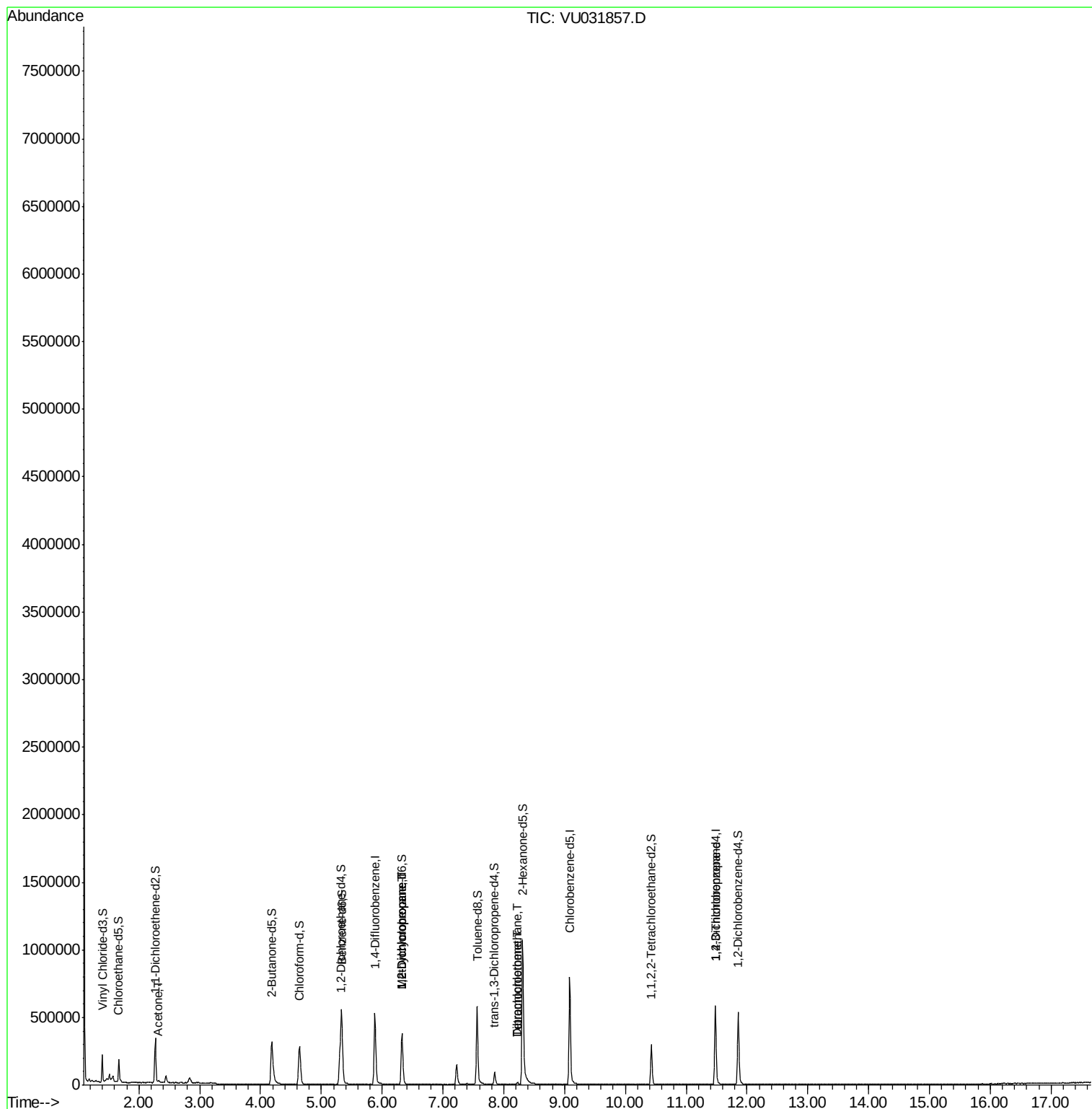
					Qvalue
13) Acetone	2.31	43	12237	1.588 ug/L	84
35) Methylcyclohexane	6.32	83	41510	0.748 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20476	0.467 ug/L #	93
47) Tetrachloroethene	8.22	164	3744	0.149 ug/L	79
49) Dibromochloromethane	8.23	129	3891	0.129 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21030	0.810 ug/L #	86

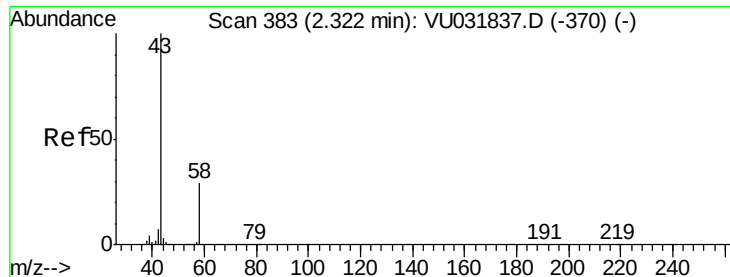
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.588 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU031857.D

Acq: 09 May 2019 06:32

Instrument :

MSVOA_U

ClientSampleId :

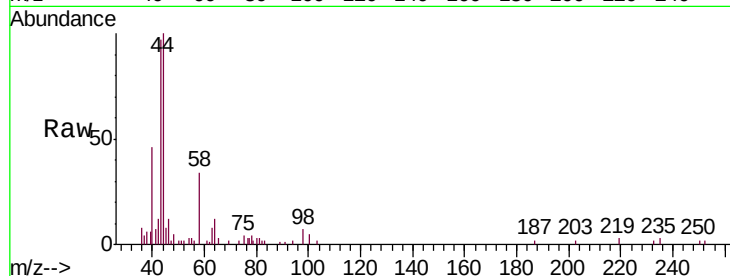
F9D31

Tgt Ion: 43 Resp: 12237

Ion Ratio Lower Upper

43 100

58 34.9 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) (-)

8000

6000

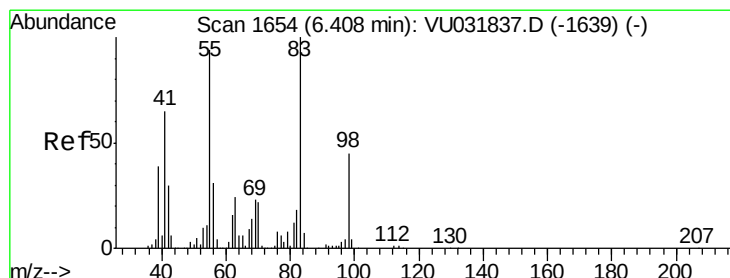
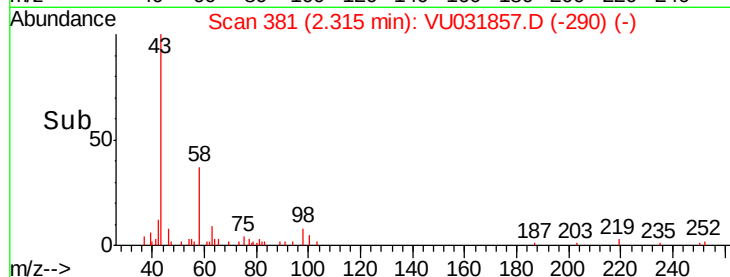
4000

2000

0

2.25 2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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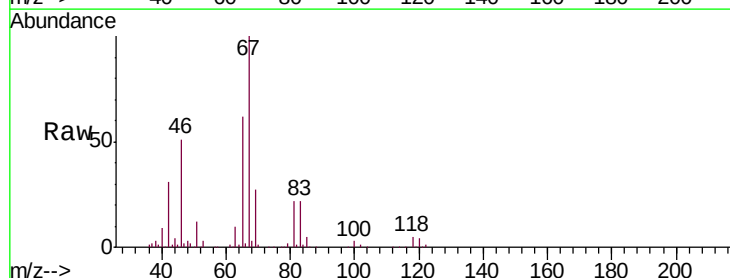
Tgt Ion: 83 Resp: 41510

Ion Ratio Lower Upper

83 100

55 0.4 79.2 118.8#

98 1.1 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) (-)

25000

20000

15000

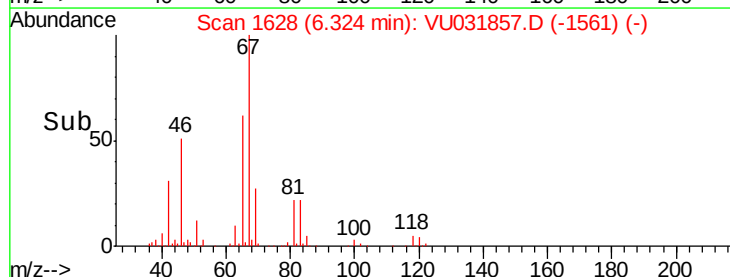
10000

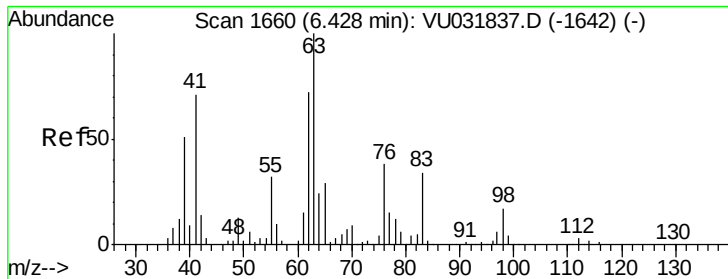
5000

0

6.25 6.30 6.35 6.40

Time-->

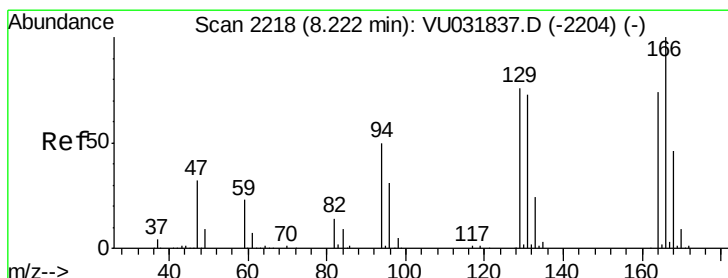
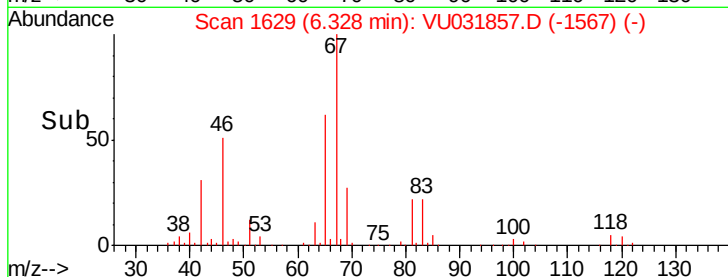
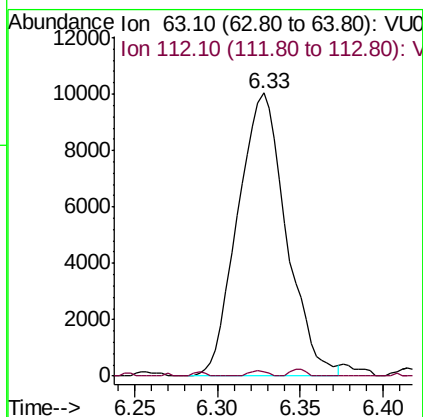
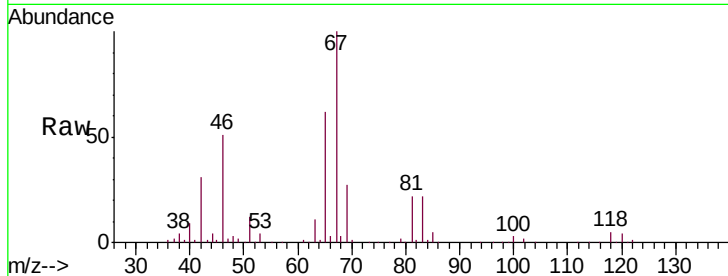




#37
 1,2-Dichloropropane
 Concen: 0.467 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031857.D
 Acq: 09 May 2019 06:32

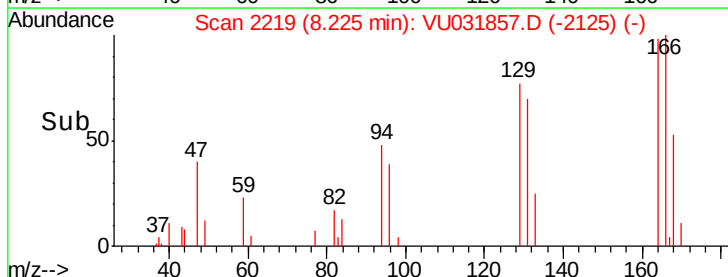
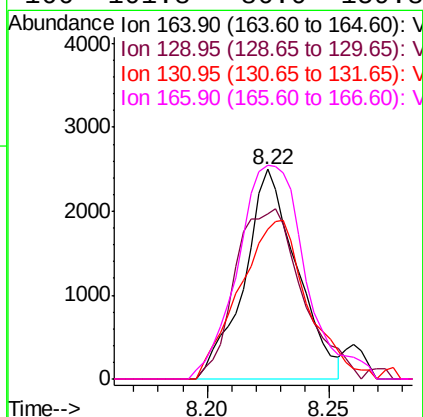
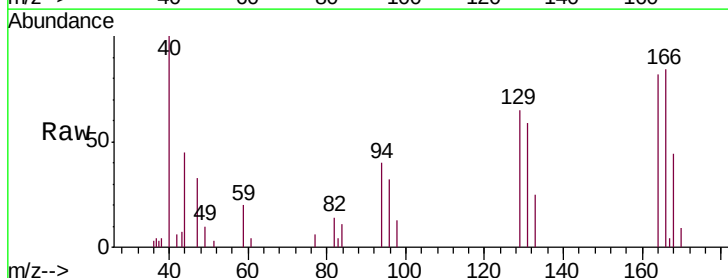
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 F9D31

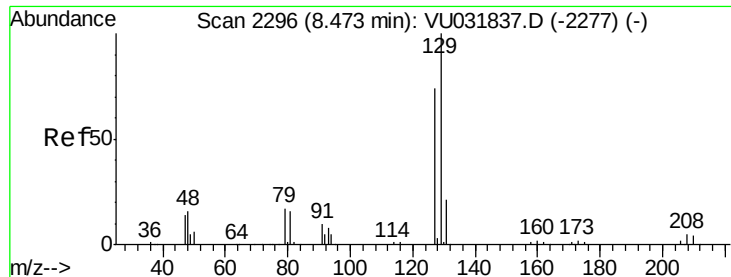
Tgt Ion: 63 Resp: 20476
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.149 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031857.D
 Acq: 09 May 2019 06:32

Tgt Ion: 164 Resp: 3744
 Ion Ratio Lower Upper
 164 100
 129 78.4 70.3 130.5
 131 71.6 65.4 121.4
 166 101.8 86.0 159.8

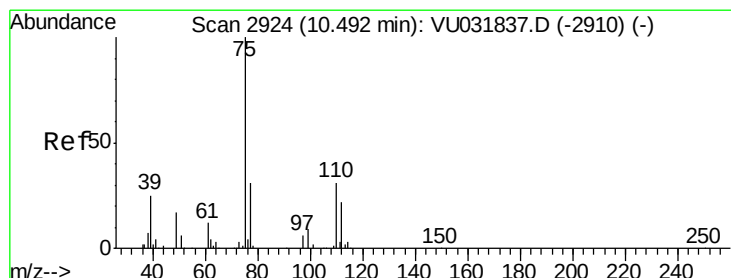
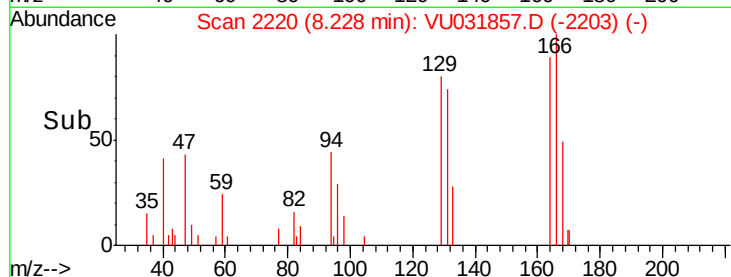
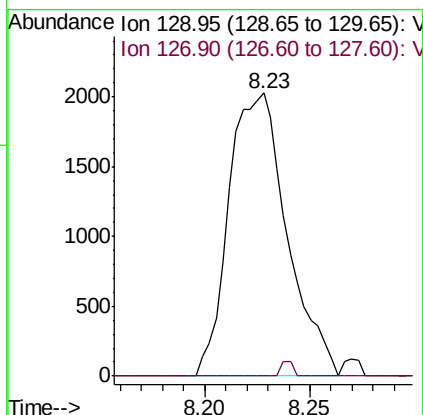
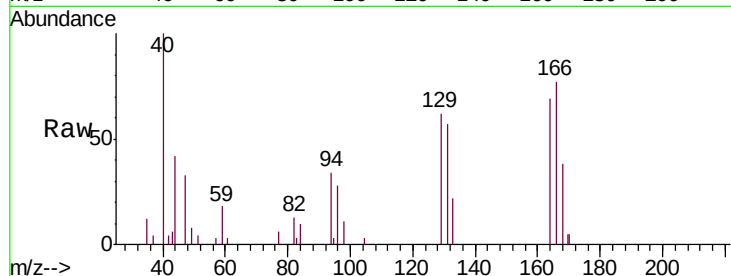




#49
 Dibromochloromethane
 Concen: 0.129 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. -0.24 min
 Lab File: VU031857.D
 Acq: 09 May 2019 06:32

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D31

Tgt Ion: 129 Resp: 3891
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.7 101.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.810 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031857.D
 Acq: 09 May 2019 06:32

Tgt Ion: 75 Resp: 21030
 Ion Ratio Lower Upper
 75 100
 77 40.8 26.3 39.5#

