

Data File : VU031855.D
Acq On : 09 May 2019 05:43
Operator : JC/SP
Sample : K2743-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D28

Quant Time: May 09 07:03:57 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	396939	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135682	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.67	69	124817	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.27	63	206906	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.19	46	533288	50.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	4.64	84	279421	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	165066	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.33	84	526423	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	192011	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.56	98	411064	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	56333	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	324812	46.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151801	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	141655	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

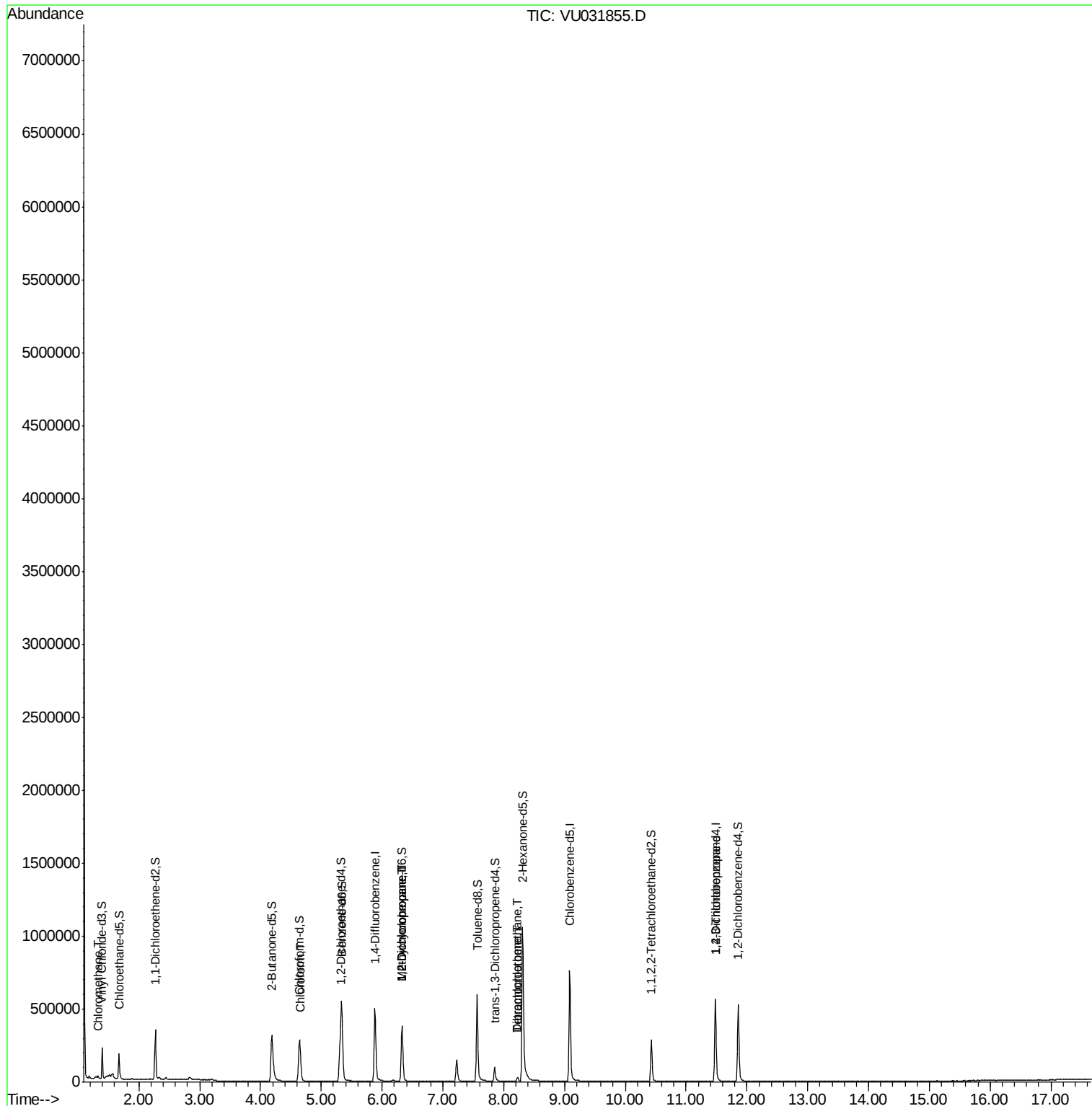
					Qvalue
3) Chloromethane	1.33	50	11452	0.210 ug/L	98
25) Chloroform	4.67	83	13001	0.185 ug/L	93
35) Methylcyclohexane	6.33	83	40642	0.770 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20641	0.495 ug/L #	91
47) Tetrachloroethene	8.22	164	7015	0.293 ug/L	95
49) Dibromochloromethane	8.23	129	7144	0.248 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	20522	0.831 ug/L	99

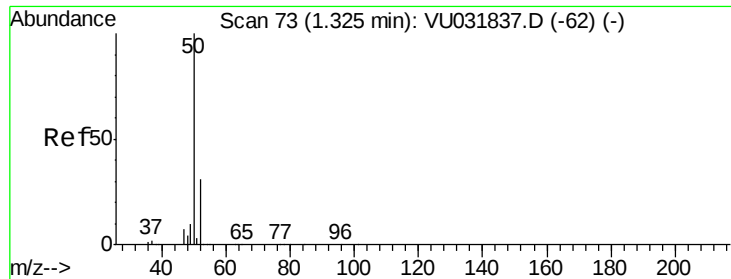
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.210 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU031855.D

Acq: 09 May 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

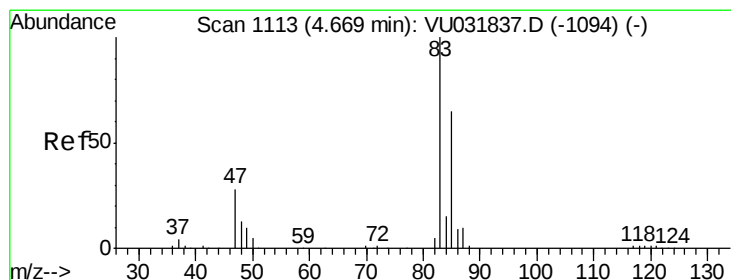
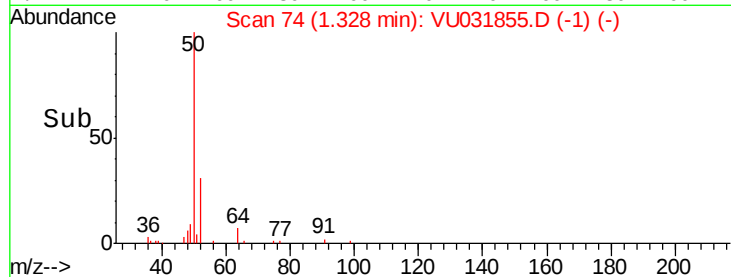
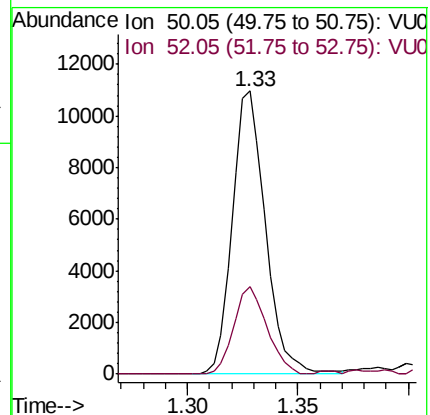
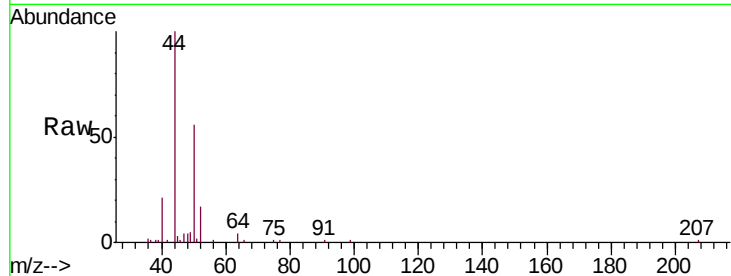
F9D28

Tgt Ion: 50 Resp: 11452

Ion Ratio Lower Upper

50 100

52 30.7 22.5 41.7



#25

Chloroform

Concen: 0.185 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031855.D

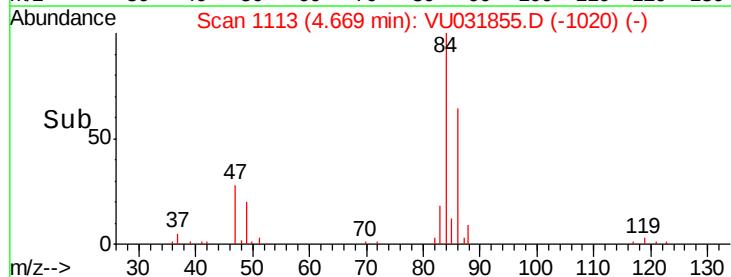
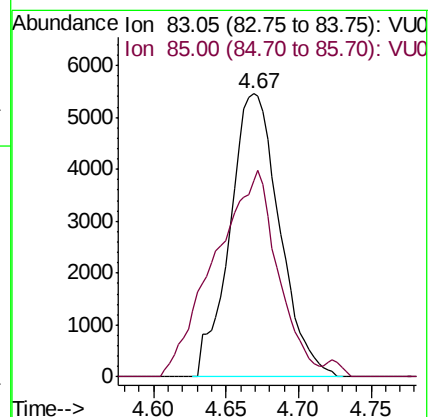
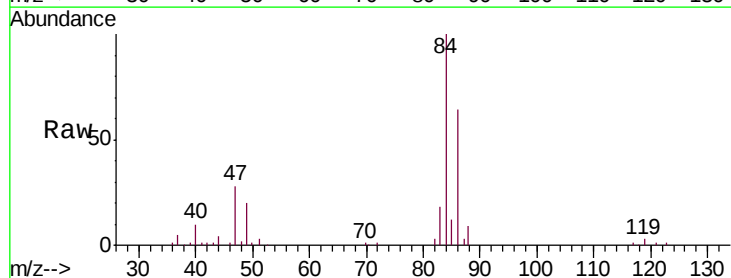
Acq: 09 May 2019 05:43

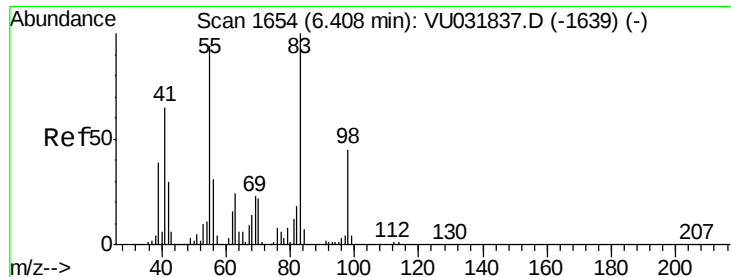
Tgt Ion: 83 Resp: 13001

Ion Ratio Lower Upper

83 100

85 69.3 44.4 82.5

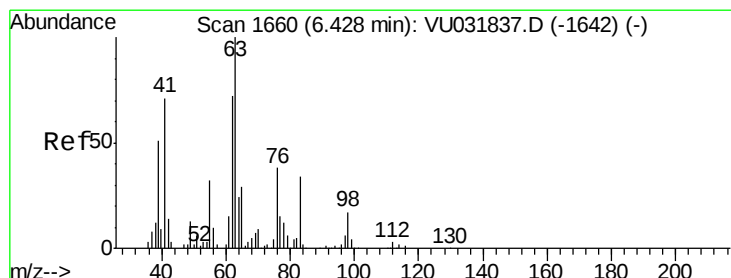
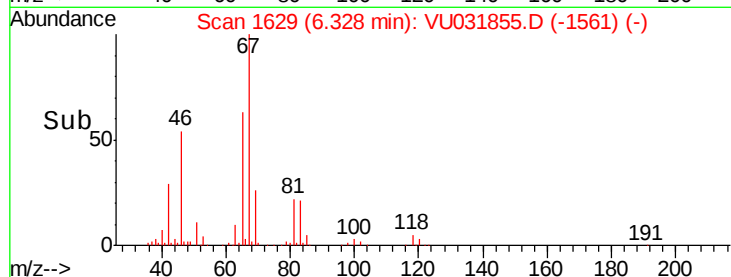
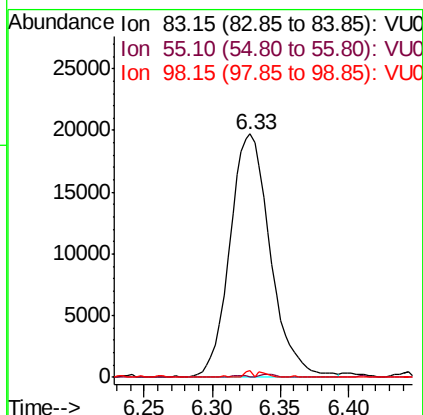
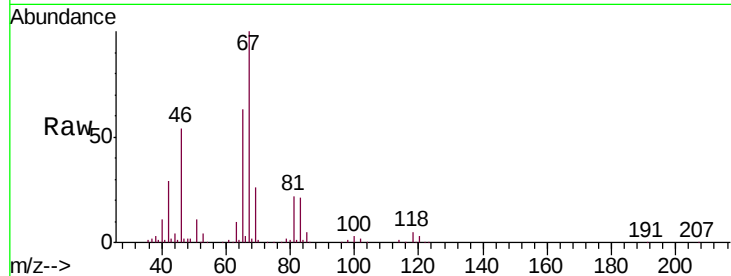




#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031855.D
Acq: 09 May 2019 05:43

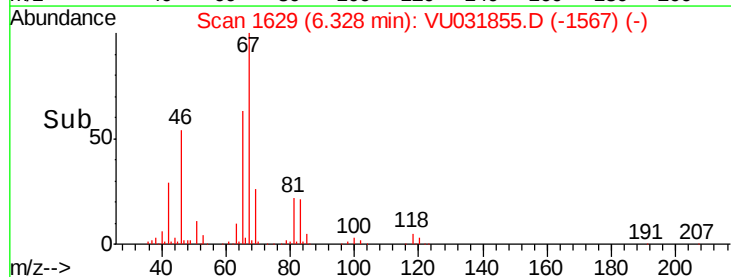
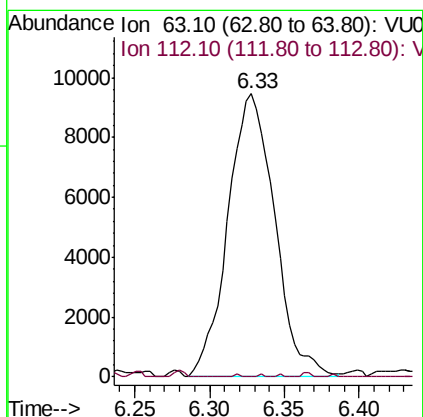
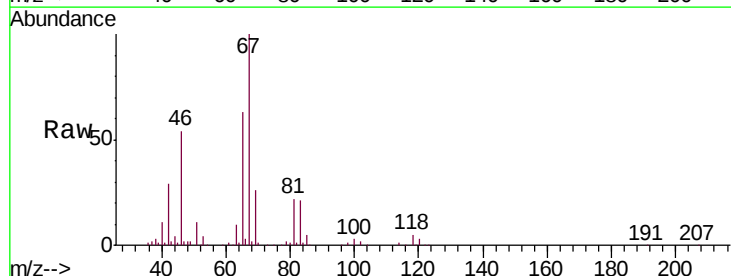
Instrument :
MSVOA_U
ClientSampleId :
F9D28

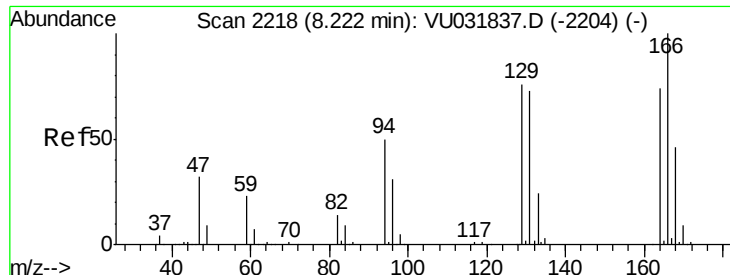
Tgt Ion: 83 Resp: 40642
Ion Ratio Lower Upper
83 100
55 0.3 79.2 118.8#
98 0.5 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031855.D
Acq: 09 May 2019 05:43

Tgt Ion: 63 Resp: 20641
Ion Ratio Lower Upper
63 100
112 0.1 2.5 3.7#





#47

Tetrachloroethene

Concen: 0.293 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031855.D

Acq: 09 May 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

F9D28

Tgt Ion:164 Resp: 7015

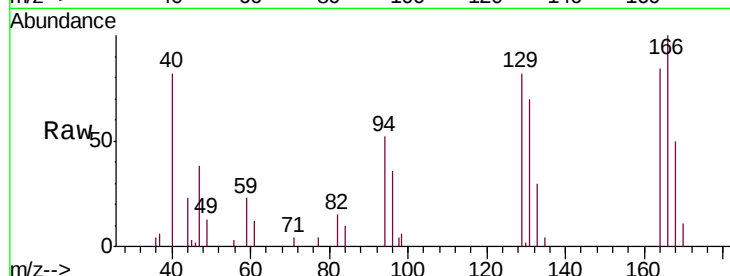
Ion Ratio Lower Upper

164 100

129 97.6 70.3 130.5

131 83.2 65.4 121.4

166 118.6 86.0 159.8

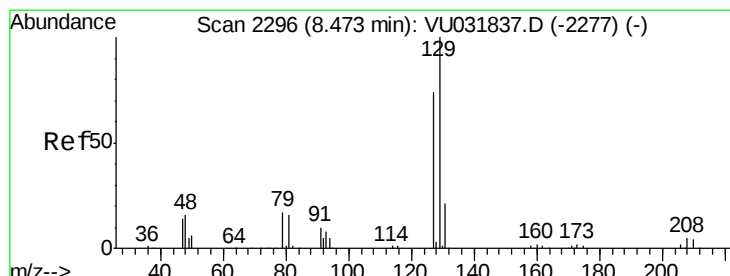
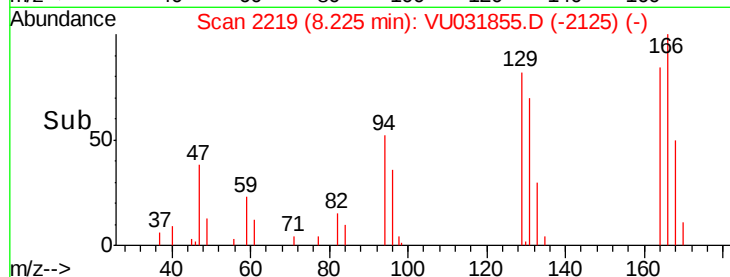
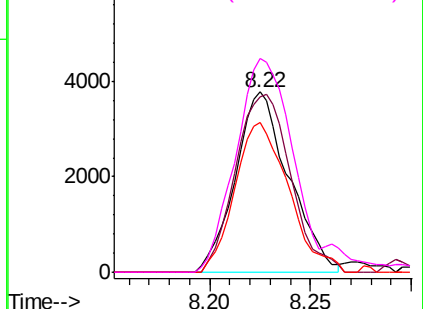


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.248 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU031855.D

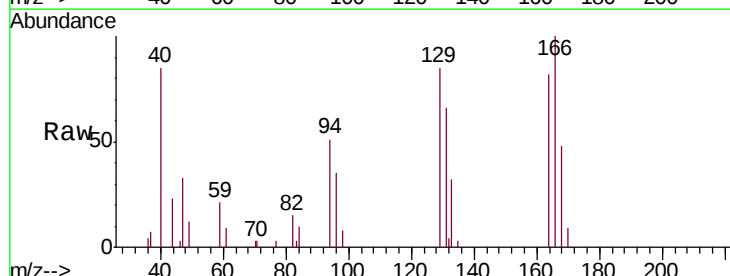
Acq: 09 May 2019 05:43

Tgt Ion:129 Resp: 7144

Ion Ratio Lower Upper

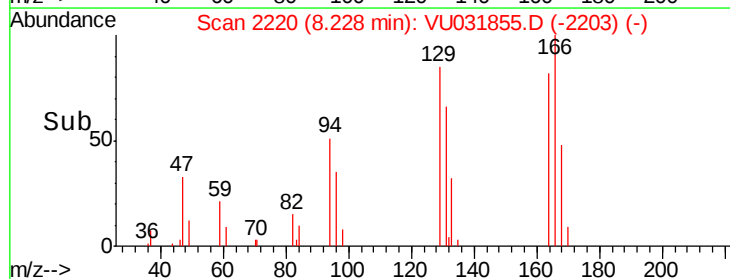
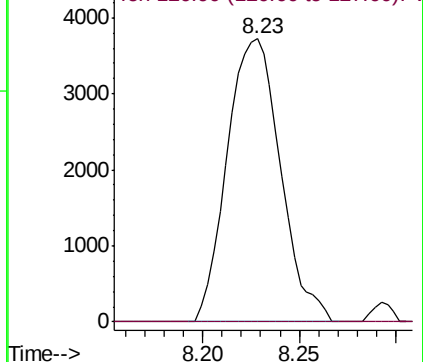
129 100

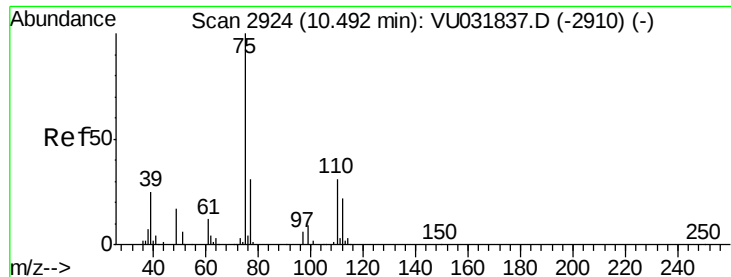
127 0.0 54.7 101.7#



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: 0.831 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031855.D

Acq: 09 May 2019 05:43

Instrument :

MSVOA_U

ClientSampleId :

F9D28

Tgt Ion: 75 Resp: 20522

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5

