

Data File : VU031964.D
Acq On : 13 May 2019 12:04
Operator : JC/SP
Sample : K2744-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D13

Quant Time: May 14 02:41:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	439118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462834	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111439	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.68	69	115131	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	171034	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.21	46	512621	43.87	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	4.64	84	270060	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	154433	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.33	84	484610	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.33	67	176951	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	349615	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	7.86	79	47119	3.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.80%
46) 2-Hexanone-d5	8.31	63	350330	45.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160501	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	136241	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

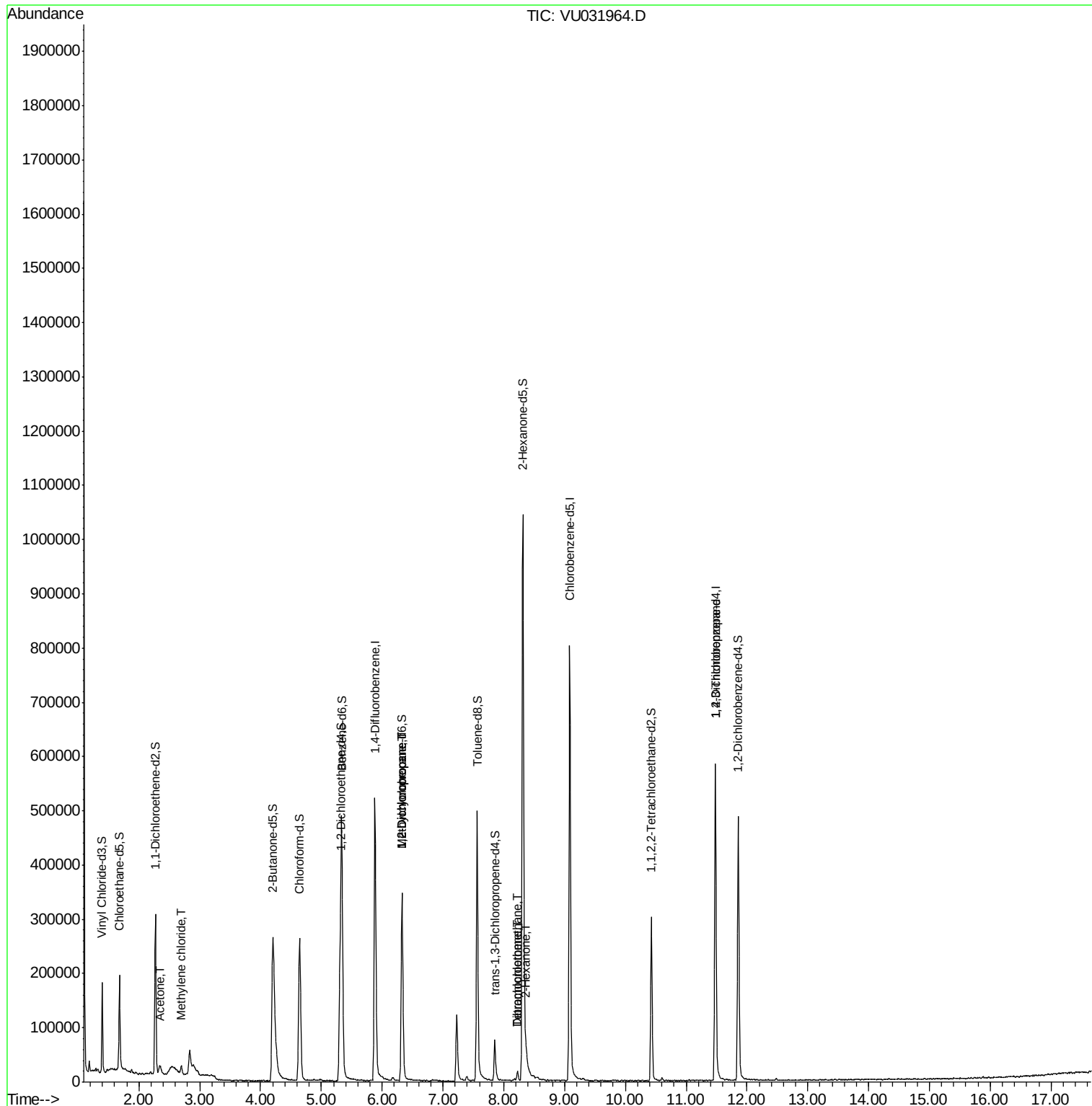
						Qvalue
13) Acetone	2.34	43	11972	1.500	ug/L	78
16) Methylene chloride	2.70	84	5927	0.143	ug/L	88
35) Methylcyclohexane	6.33	83	39465	0.675	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	18988	0.411	ug/L #	92
47) Tetrachloroethene	8.22	164	3882	0.147	ug/L	80
48) 2-Hexanone	8.37	43	23288	1.054	ug/L #	46
49) Dibromochloromethane	8.22	129	4028	0.127	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	20356	0.745	ug/L	100

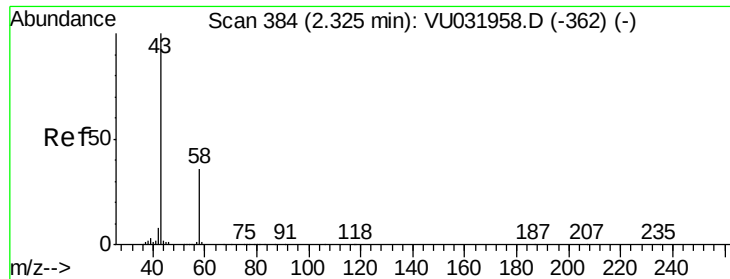
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.500 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU031964.D

Acq: 13 May 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

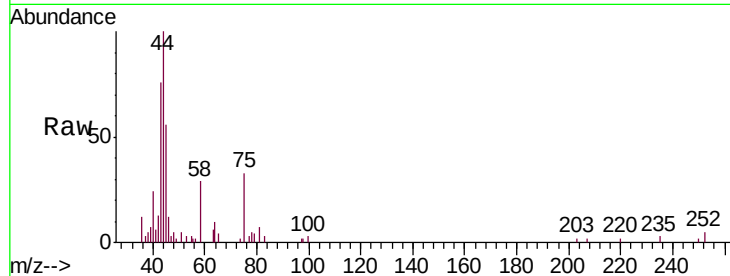
F9D13

Tgt Ion: 43 Resp: 11972

Ion Ratio Lower Upper

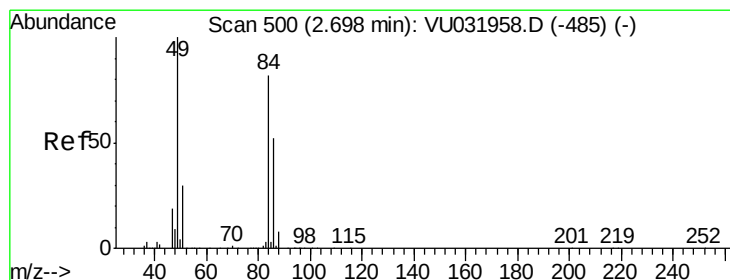
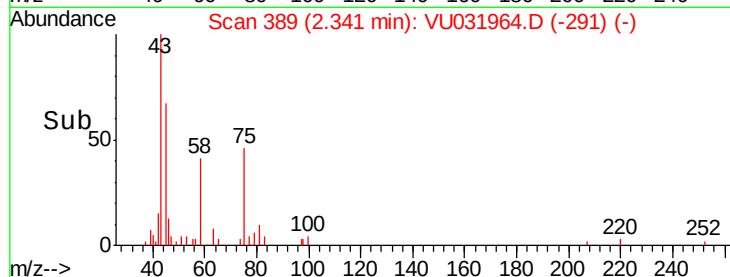
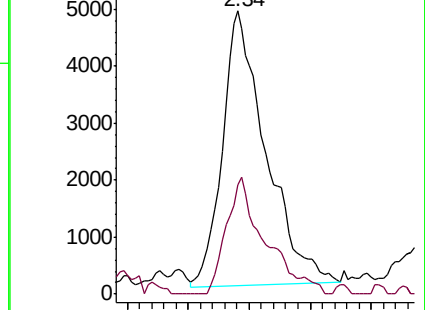
43 100

58 38.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU031958.D (-362) (-)



#16

Methylene chloride

Concen: 0.143 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031964.D

Acq: 13 May 2019 12:04

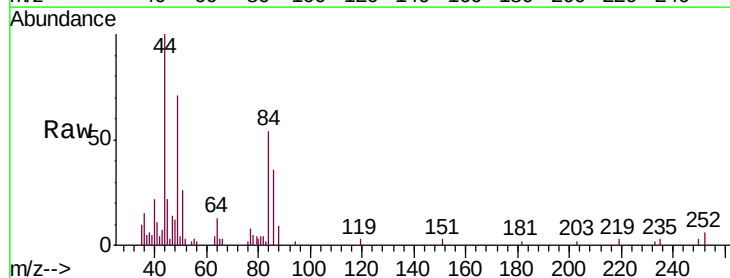
Tgt Ion: 84 Resp: 5927

Ion Ratio Lower Upper

84 100

86 67.1 45.6 84.8

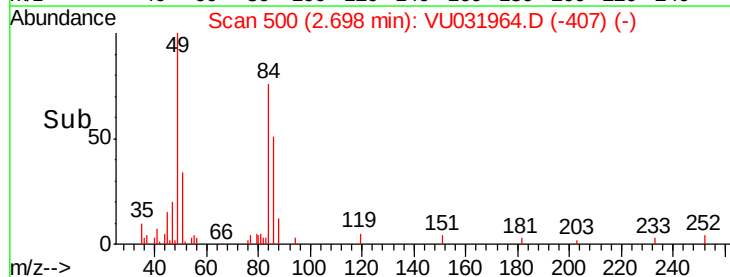
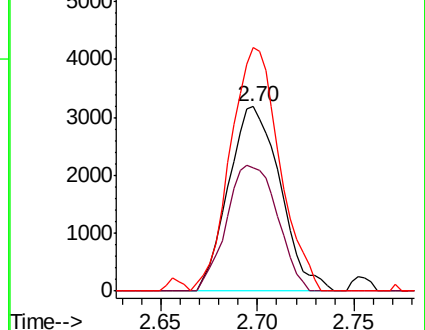
49 132.1 106.7 198.1

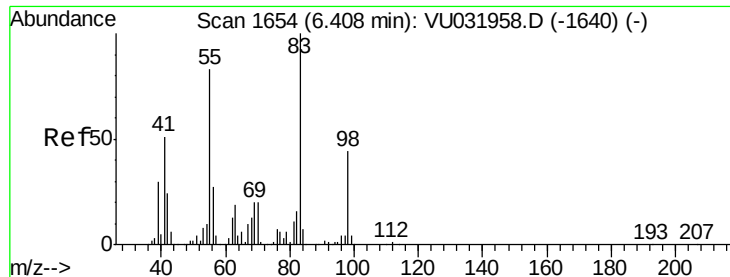


Abundance Ion 84.05 (83.75 to 84.75): VU031958.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU031958.D (-485) (-)

Ion 49.10 (48.80 to 49.80): VU031958.D (-485) (-)

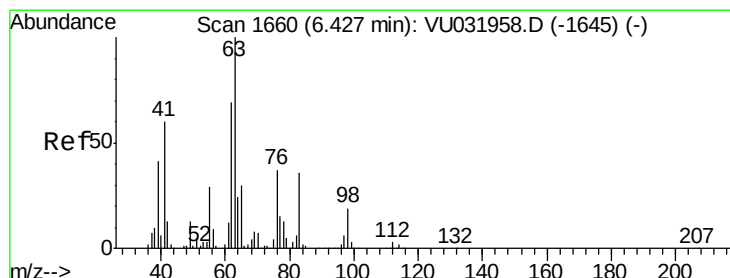
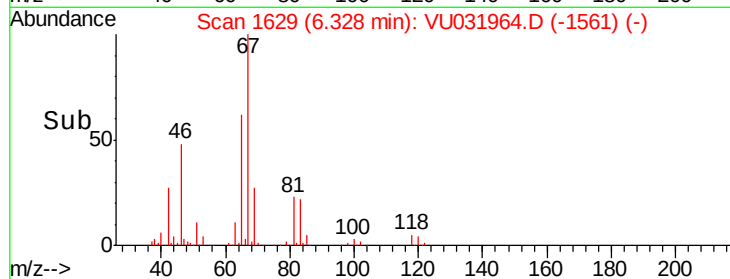
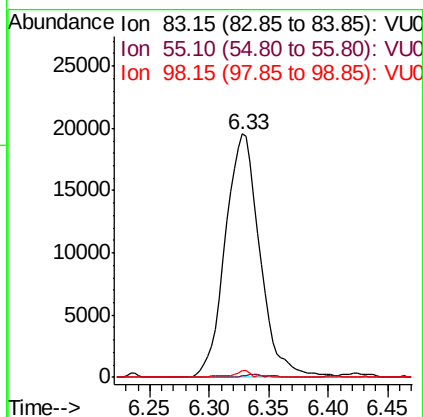
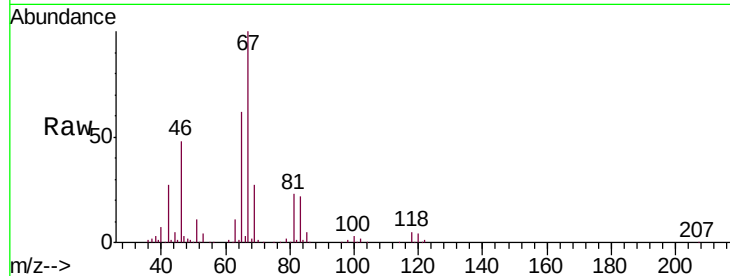




#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031964.D
Acq: 13 May 2019 12:04

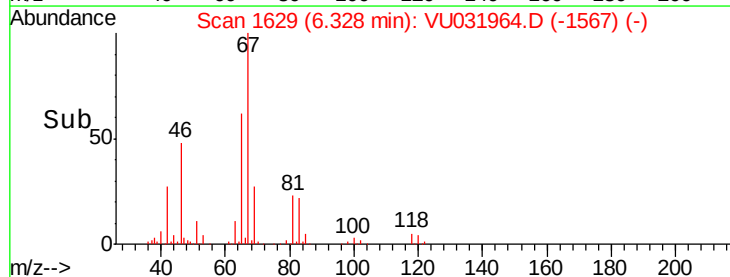
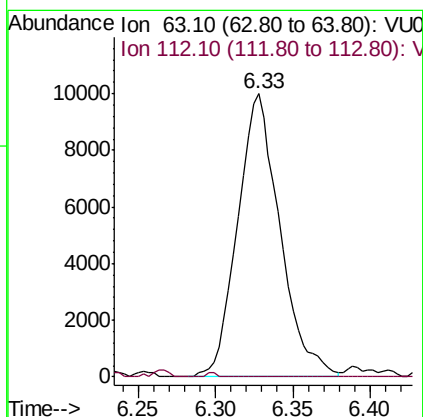
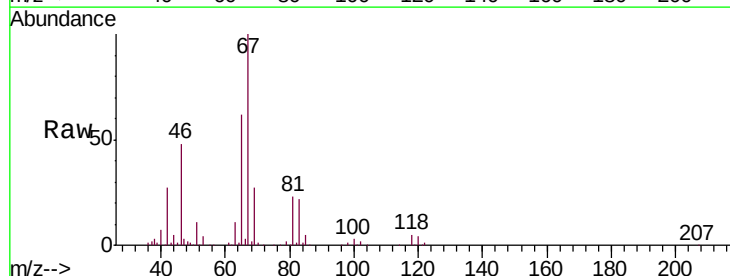
Instrument :
MSVOA_U
ClientSampleId :
F9D13

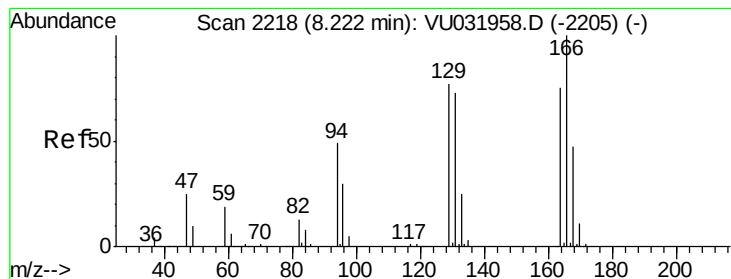
Tgt Ion: 83 Resp: 39465
Ion Ratio Lower Upper
83 100
55 0.6 79.2 118.8#
98 1.2 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031964.D
Acq: 13 May 2019 12:04

Tgt Ion: 63 Resp: 18988
Ion Ratio Lower Upper
63 100
112 0.3 2.5 3.7#





#47

Tetrachloroethene

Concen: 0.147 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031964.D

Acq: 13 May 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

F9D13

Tgt Ion: 164 Resp: 3882

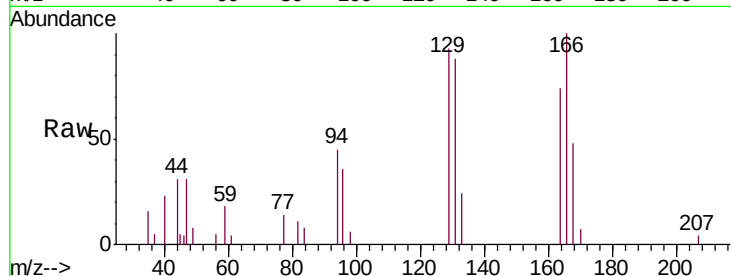
Ion Ratio Lower Upper

164 100

129 125.3 70.3 130.5

131 118.1 65.4 121.4

166 134.7 86.0 159.8

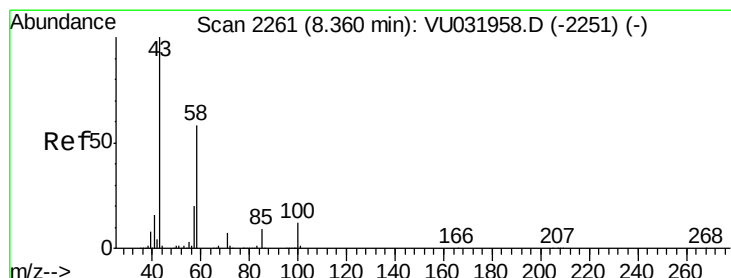
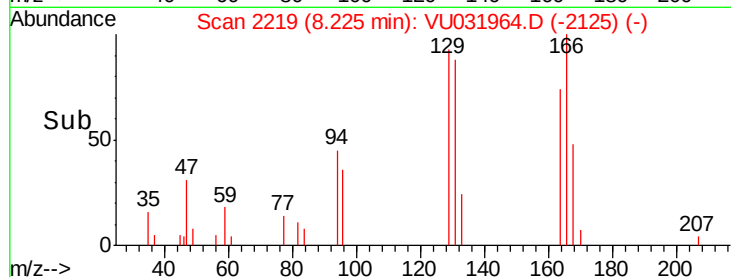
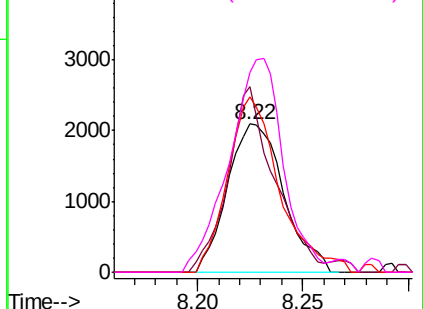


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 1.054 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031964.D

Acq: 13 May 2019 12:04

Tgt Ion: 43 Resp: 23288

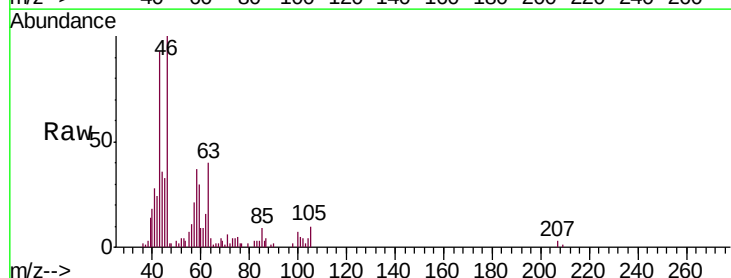
Ion Ratio Lower Upper

43 100

58 0.0 40.2 60.2#

57 22.8 13.8 20.6#

100 0.9 6.4 9.6#

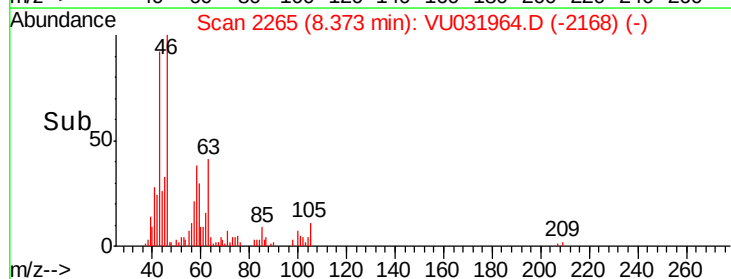
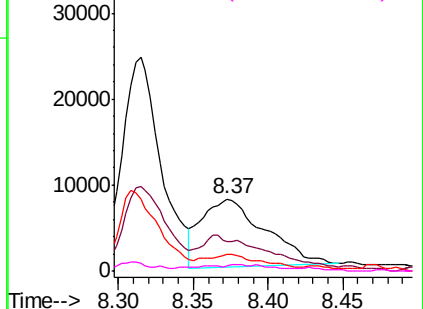


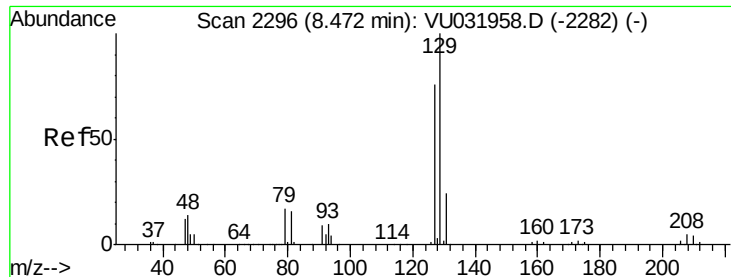
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.127 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031964.D

Acq: 13 May 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

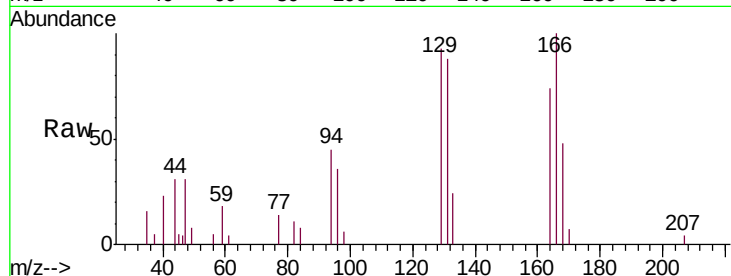
F9D13

Tgt Ion:129 Resp: 4028

Ion Ratio Lower Upper

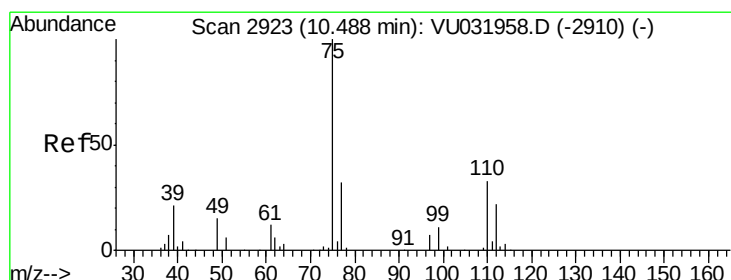
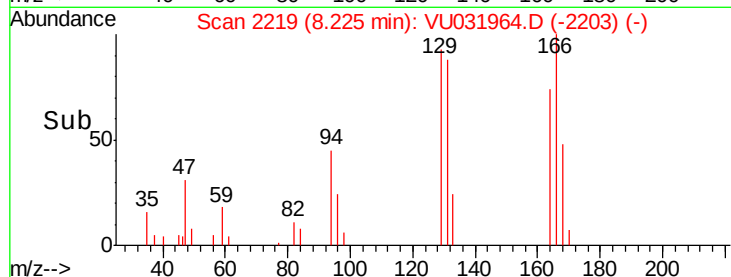
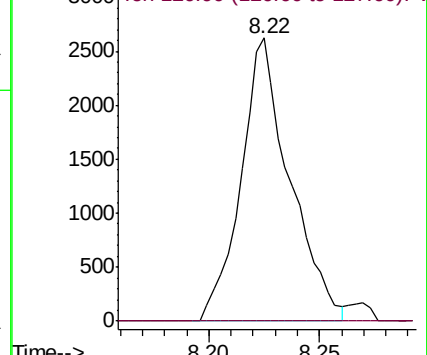
129 100

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: 0.745 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031964.D

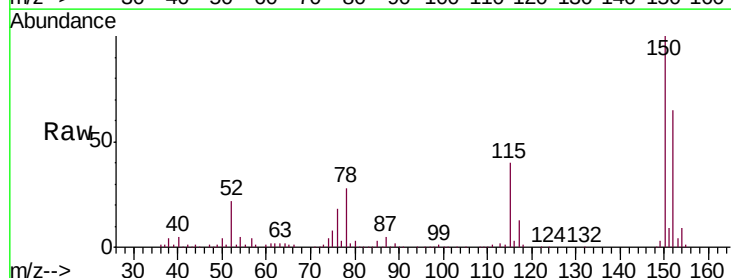
Acq: 13 May 2019 12:04

Tgt Ion: 75 Resp: 20356

Ion Ratio Lower Upper

75 100

77 32.8 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

