

Data File : VU034961.D
Acq On : 07 Oct 2019 15:46
Operator : JC/SP
Sample : K5219-05 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01MS

Quant Time: Oct 09 04:00:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	197517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	194489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	82415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86436	7.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	148.00%#
7) Chloroethane-d5	1.67	69	77206	7.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.60%#
11) 1,1-Dichloroethene-d2	2.26	63	118299	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.18	46	206674	60.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.22%
24) Chloroform-d	4.62	84	125554	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.29	65	81675	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.00%
32) Benzene-d6	5.32	84	293427	6.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.60%#
36) 1,2-Dichloropropane-d6	6.31	67	96760	6.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.00%
41) Toluene-d8	7.54	98	262104	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
43) trans-1,3-Dichloropropene-	7.84	79	30489	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.30	63	152020	58.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	75184	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	92585	6.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.20%#

Target Compounds

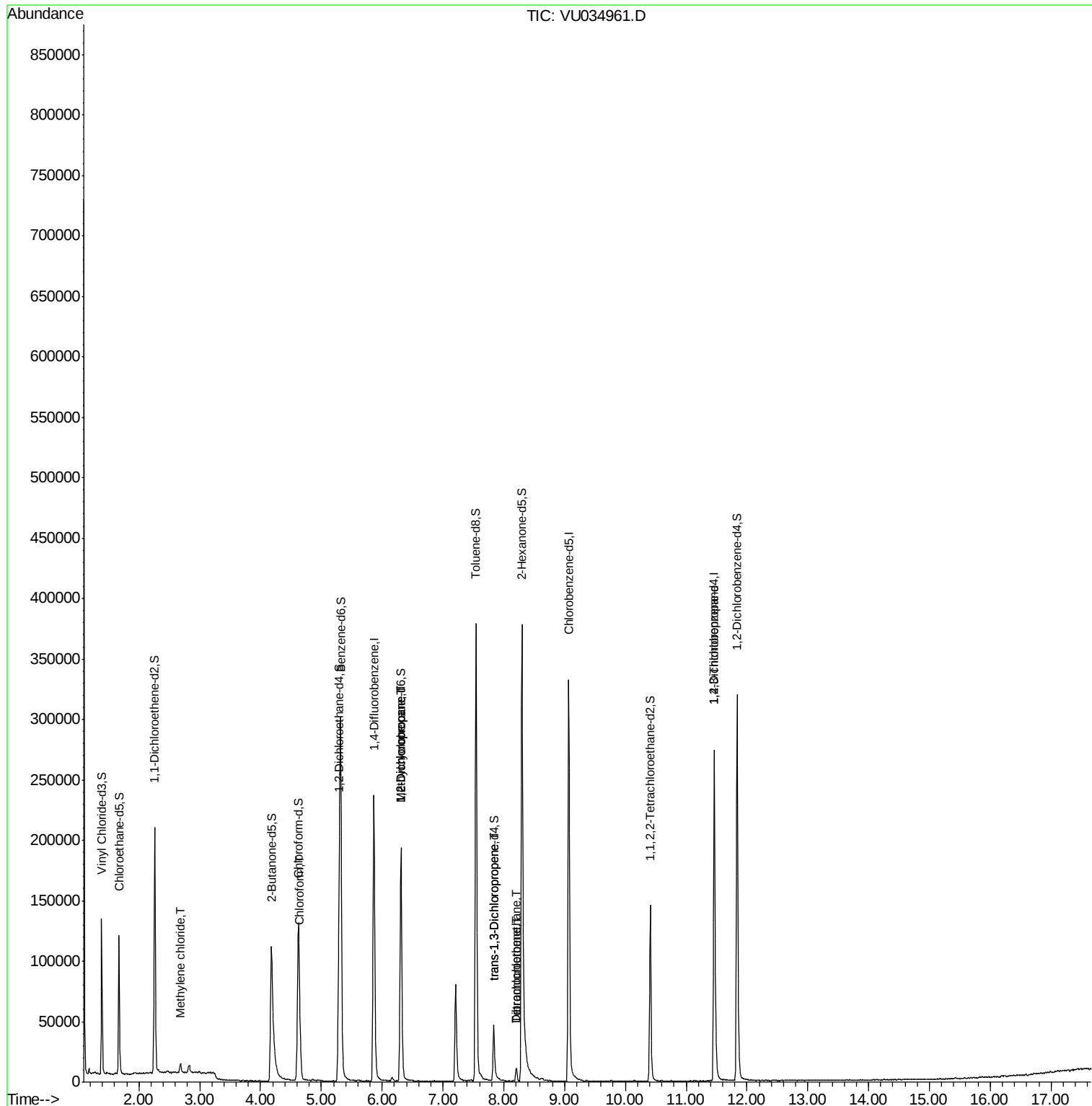
						Qvalue
16) Methylene chloride	2.68	84	3311	0.211	ug/L	94
25) Chloroform	4.65	83	21145	0.697	ug/L	98
35) Methylcyclohexane	6.31	83	21285	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	10696	0.677	ug/L #	89
44) trans-1,3-Dichloropropene	7.83	75	1330	0.080	ug/L	93
47) Tetrachloroethene	8.21	164	2355	0.193	ug/L	93
49) Dibromochloromethane	8.21	129	2391	0.197	ug/L #	13
59) 1,2,3-Trichloropropane	11.46	75	10491	1.026	ug/L	91

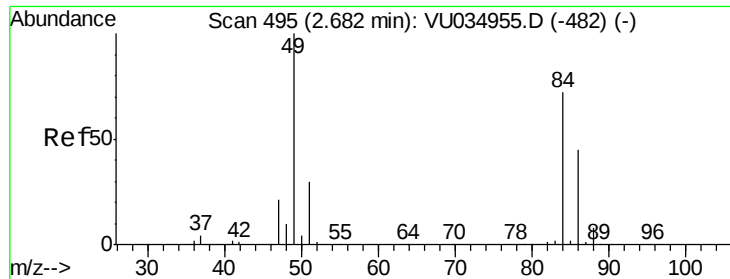
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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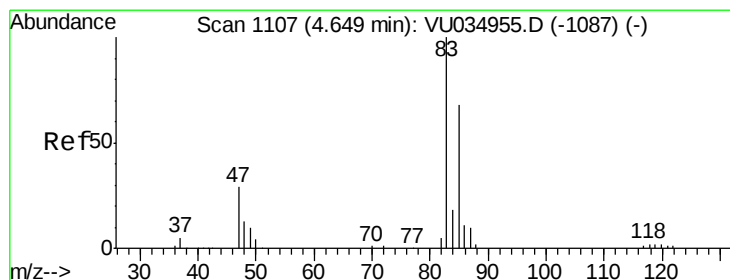
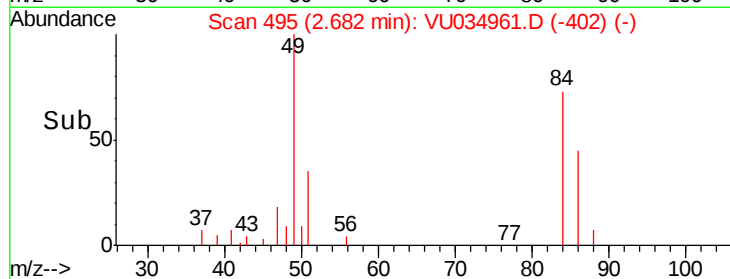
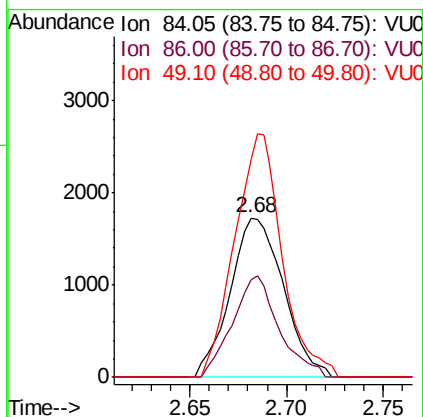
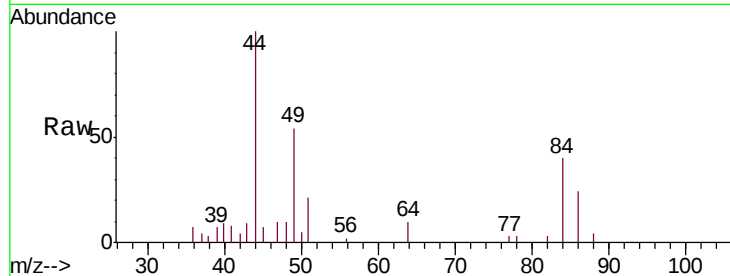




#16
Methylene chloride
Concen: 0.211 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034961.D
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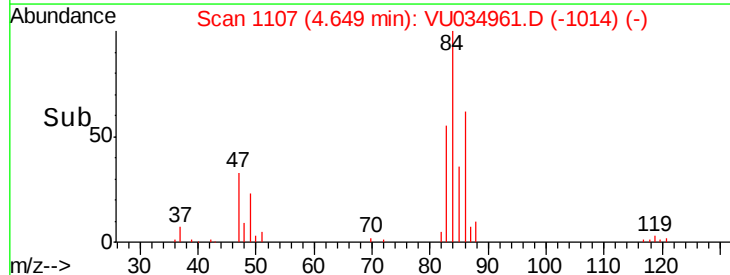
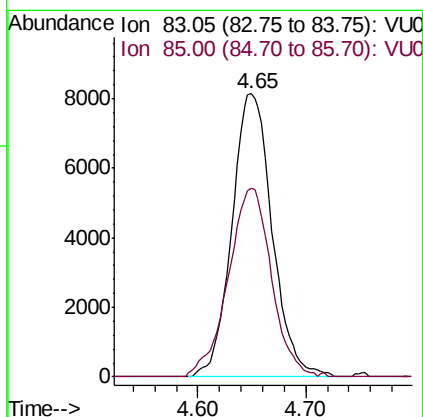
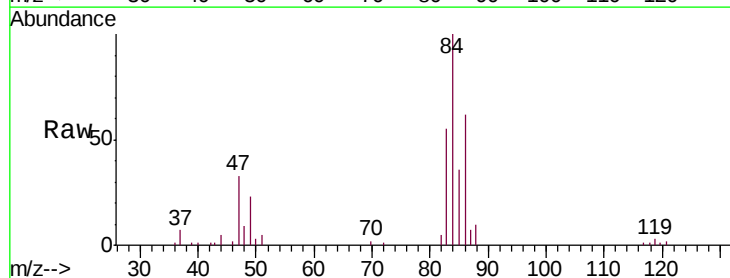
Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01MS

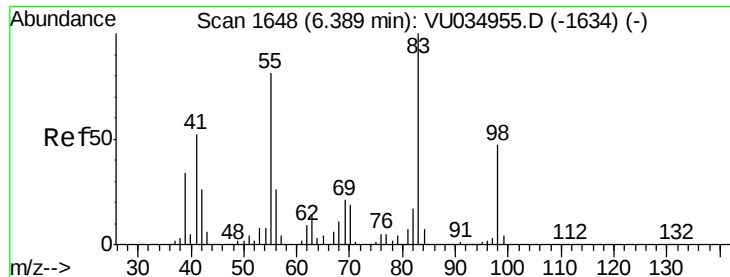
Tgt Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
86 61.8 46.3 86.1
49 136.7 101.4 188.4



#25
Chloroform
Concen: 0.697 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034961.D
Acq: 07 Oct 2019 15:46

Tgt Ion: 83 Resp: 21145
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4

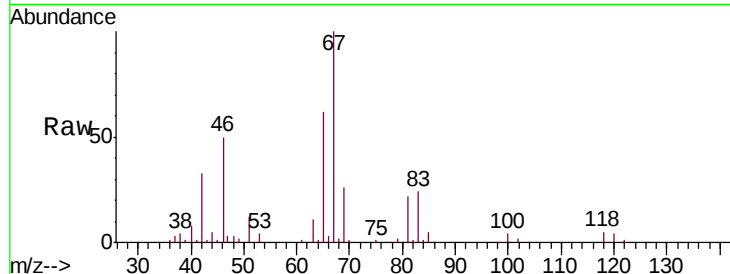




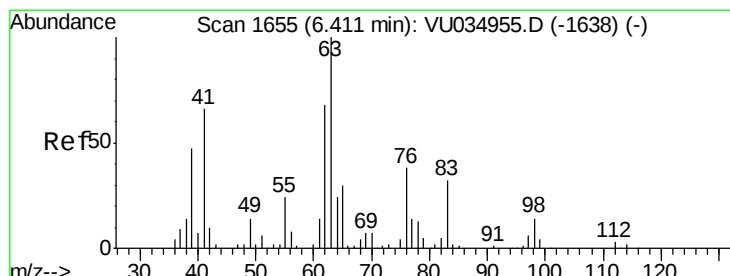
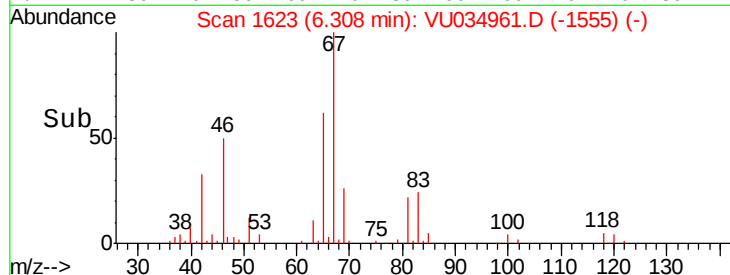
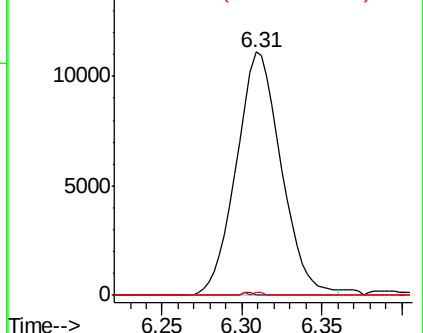
#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034961.D
Acq: 07 Oct 2019 15:46

Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01MS

Tgt Ion: 83 Resp: 21285
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 0.3 35.5 53.3#

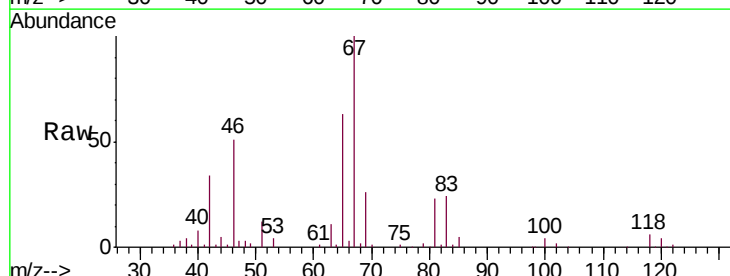


Abundance Ion 83.15 (82.85 to 83.85): VU0
15000 Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

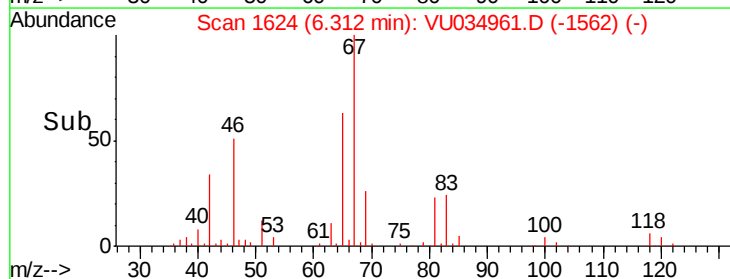
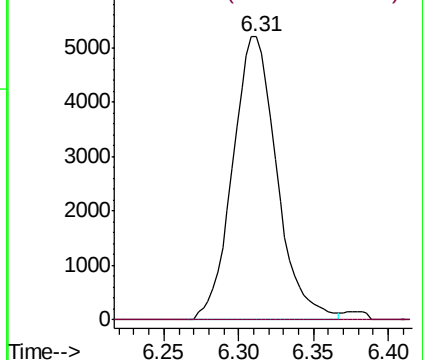


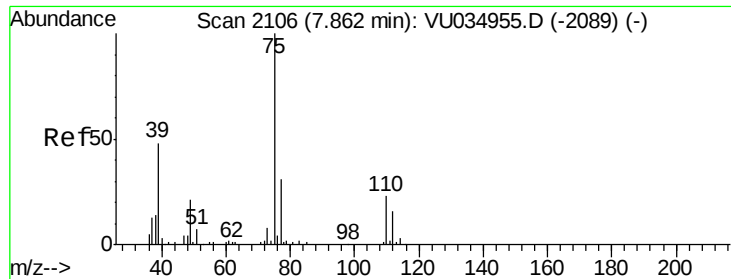
#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034961.D
Acq: 07 Oct 2019 15:46

Tgt Ion: 63 Resp: 10696
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
6000 Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU034961.D

Acq: 07 Oct 2019 15:46

Instrument :

MSVOA_U

ClientSampleId :

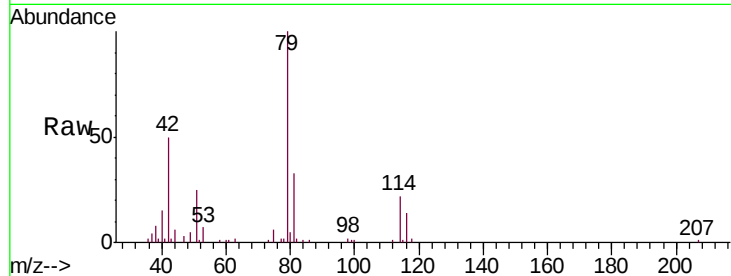
MW-12D-001-01MS

Tgt Ion: 75 Resp: 1330

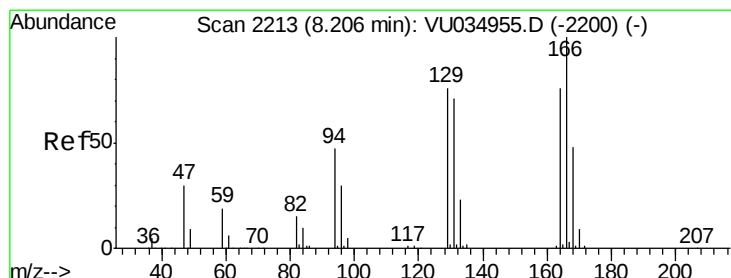
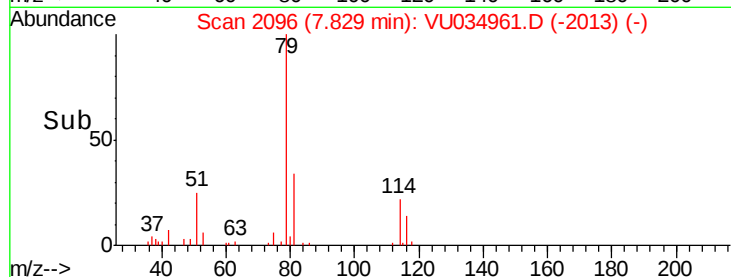
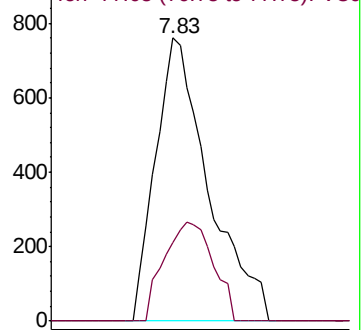
Ion Ratio Lower Upper

75 100

77 27.9 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VU034955.D (-2089) (-)



#47

Tetrachloroethene

Concen: 0.193 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034961.D

Acq: 07 Oct 2019 15:46

Tgt Ion: 164 Resp: 2355

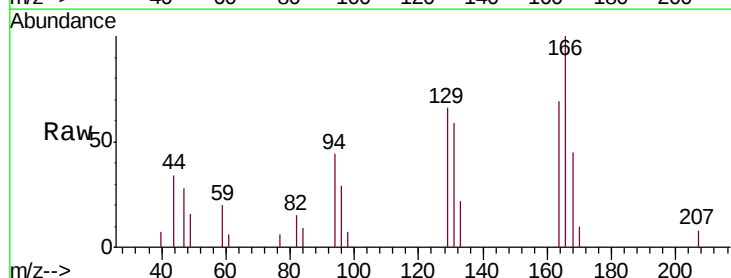
Ion Ratio Lower Upper

164 100

129 95.6 66.5 123.5

131 84.9 63.3 117.7

166 144.9 91.6 170.2

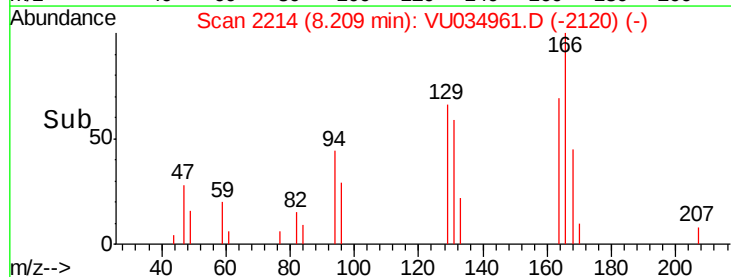
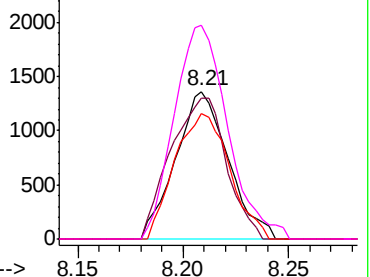


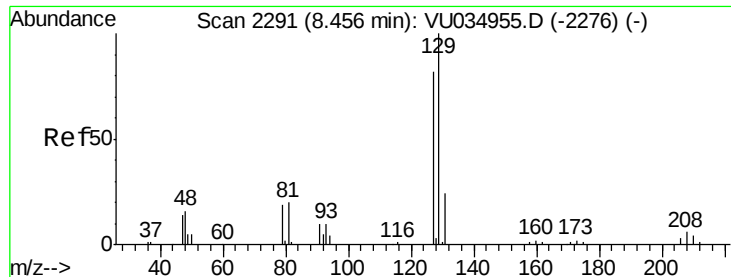
Abundance Ion 163.90 (163.60 to 164.60): VU034955.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU034955.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU034955.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU034955.D (-2200) (-)





#49

Dibromochloromethane

Concen: 0.197 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. -0.24 min

Lab File: VU034961.D

Acq: 07 Oct 2019 15:46

Instrument :

MSVOA_U

ClientSampleId :

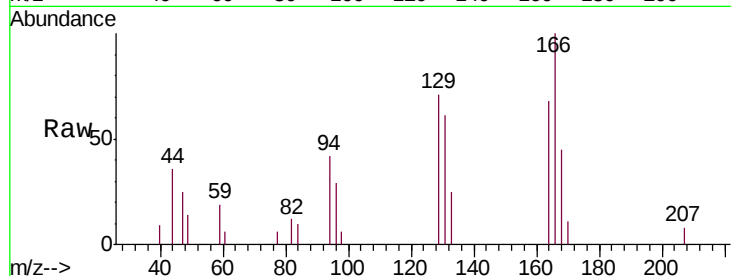
MW-12D-001-01MS

Tgt Ion: 129 Resp: 2391

Ion Ratio Lower Upper

129 100

127 0.0 51.2 95.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.21

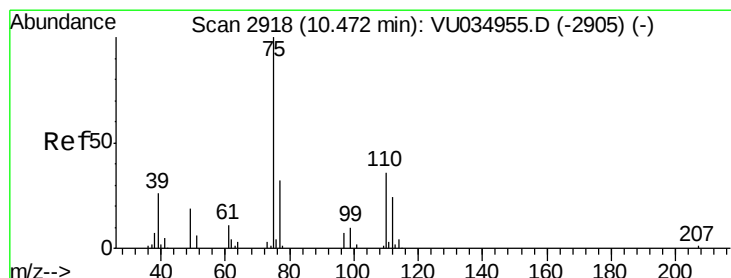
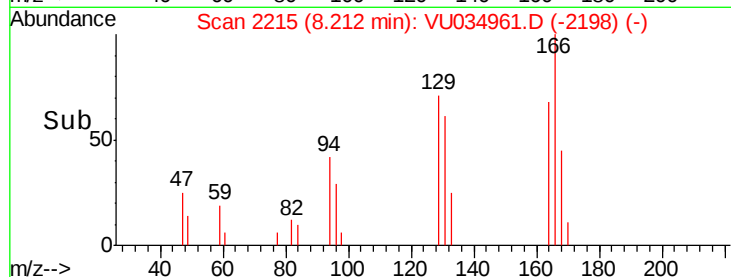
1500

1000

500

0

Time--> 8.15 8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 1.026 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034961.D

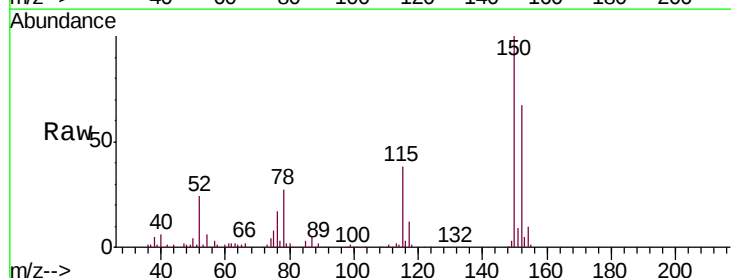
Acq: 07 Oct 2019 15:46

Tgt Ion: 75 Resp: 10491

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.46

6000

5000

4000

3000

2000

1000

0

Time--> 11.40 11.45 11.50 11.55

