

Data File : VU035071.D
Acq On : 11 Oct 2019 01:05
Operator : JC/SP
Sample : K5310-22 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01

Quant Time: Oct 11 04:47:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	153586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	157463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35403	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	38231	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.26	63	53937	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.17	46	150575	56.32	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.64%
24) Chloroform-d	4.62	84	81336	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.29	65	52183	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.32	84	165019	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	62190	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.55	98	143490	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	17222	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	104378	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56448	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	52057	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

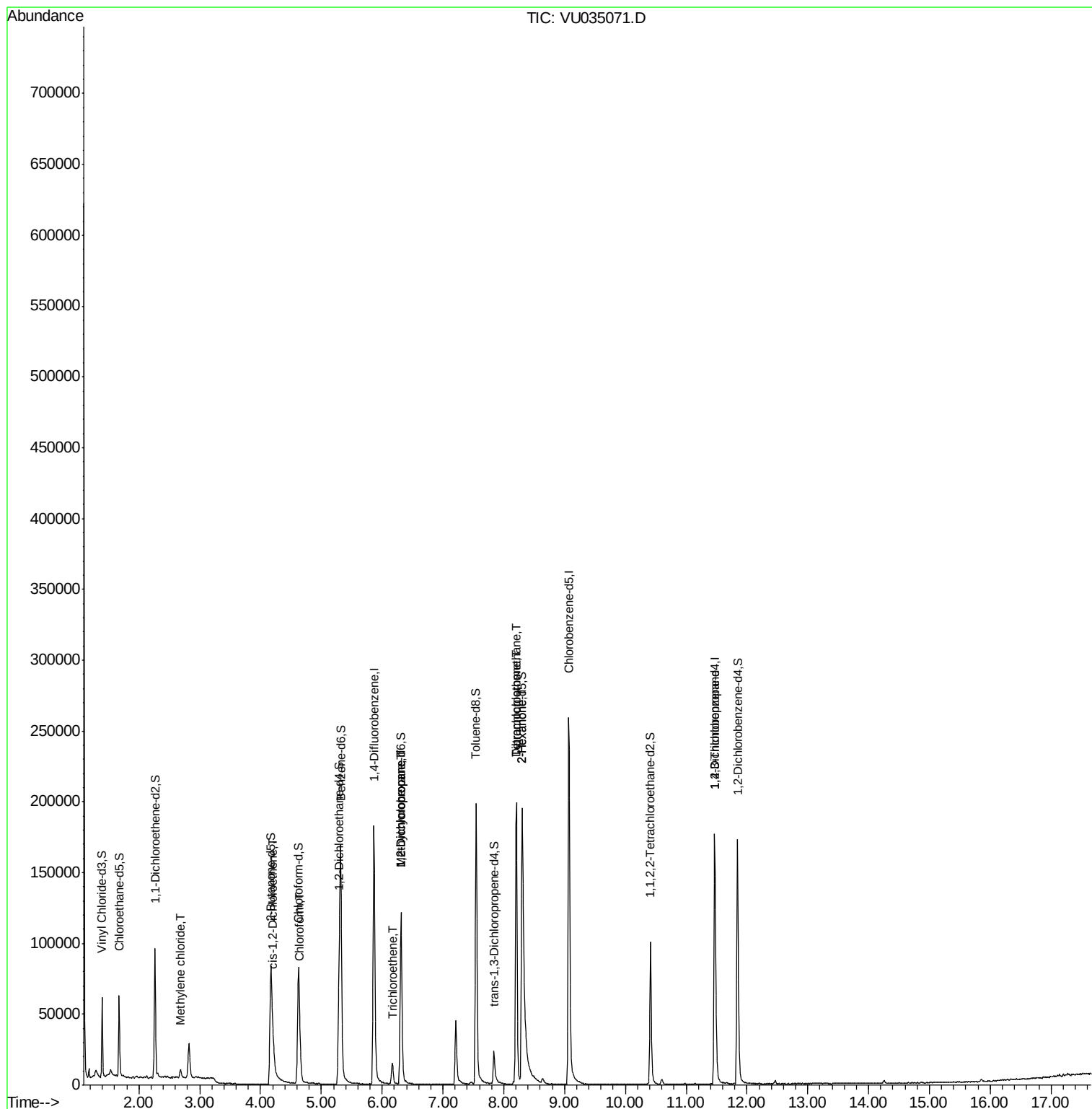
					Qvalue
16) Methylene chloride	2.68	84	2134	0.175 ug/L	82
22) cis-1,2-Dichloroethene	4.21	96	4027	0.342 ug/L	93
25) Chloroform	4.65	83	12743	0.540 ug/L	94
34) Trichloroethene	6.17	95	5361	0.438 ug/L	97
35) Methylcyclohexane	6.31	83	13897	0.701 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6813	0.532 ug/L #	88
47) Tetrachloroethene	8.21	164	45862	4.632 ug/L	96
48) 2-Hexanone	8.31	43	11378	2.061 ug/L #	72
49) Dibromochloromethane	8.21	129	44224	4.504 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7752	0.936 ug/L	91

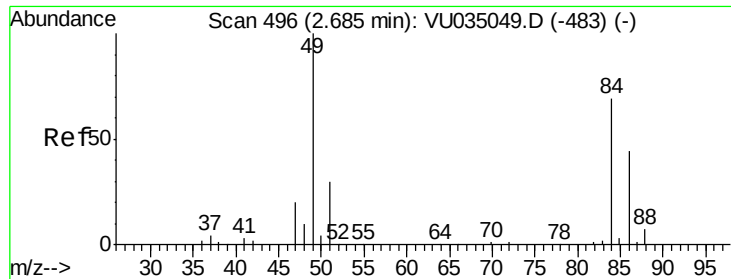
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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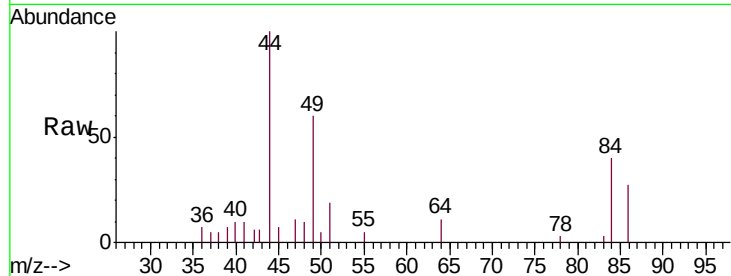




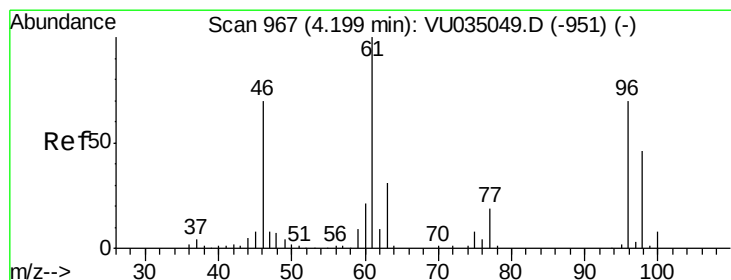
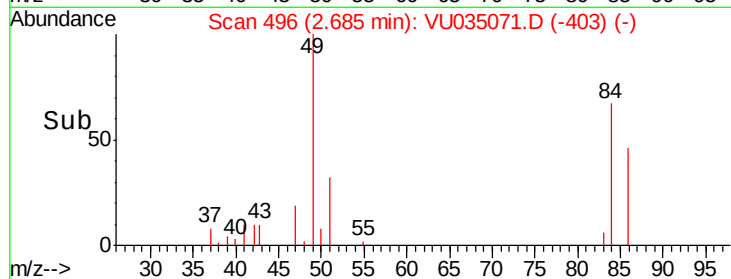
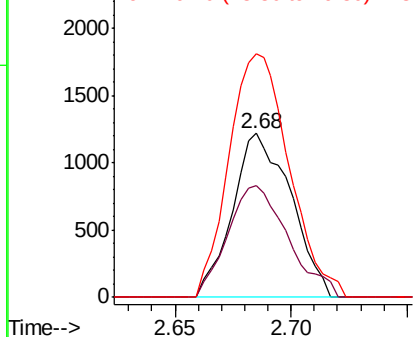
#16
Methylene chloride
Concen: 0.175 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01

Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
86 67.9 42.5 78.9
49 148.5 86.9 161.3

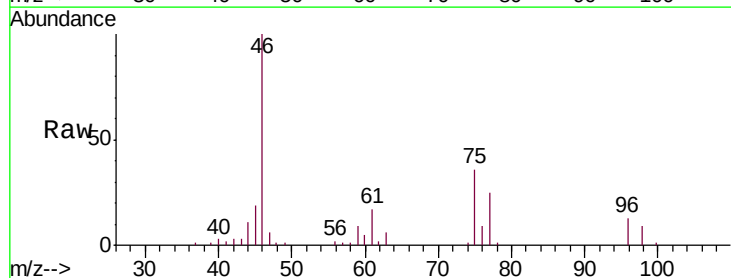


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

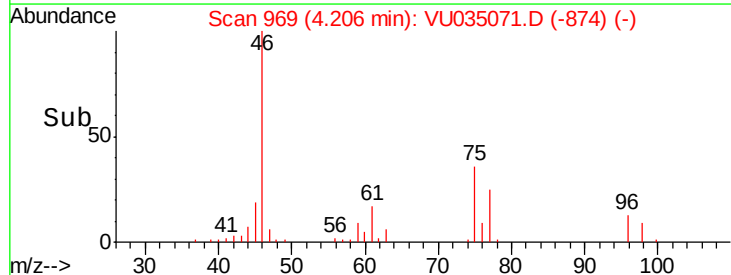
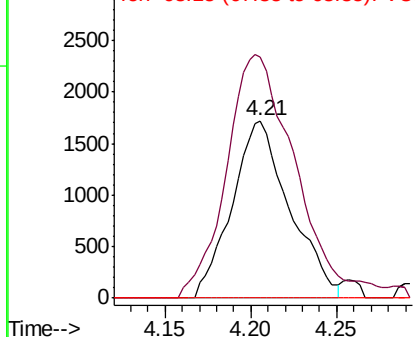


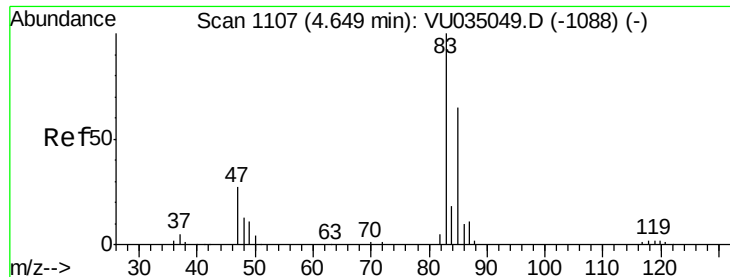
#22
cis-1,2-Dichloroethene
Concen: 0.342 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

Tgt Ion: 96 Resp: 4027
Ion Ratio Lower Upper
96 100
61 135.6 89.2 165.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.540 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035071.D

Acq: 11 Oct 2019 01:05

Instrument :

MSVOA_U

ClientSampleId :

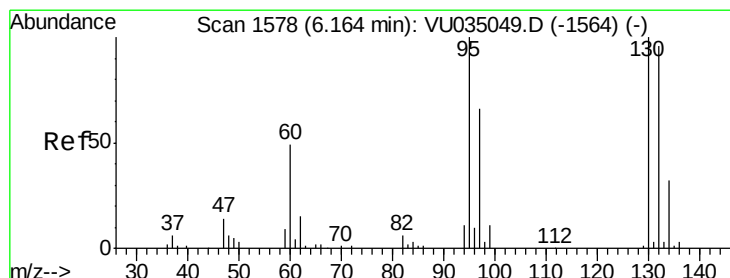
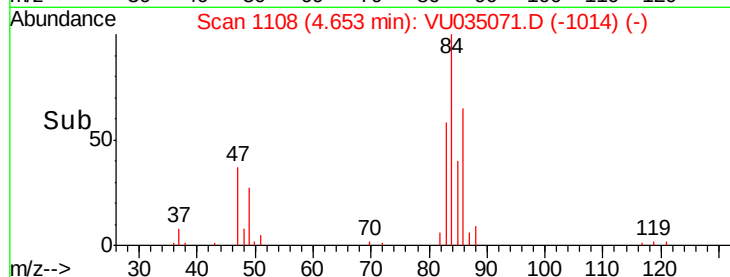
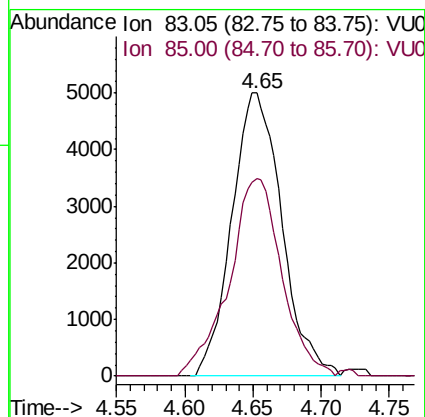
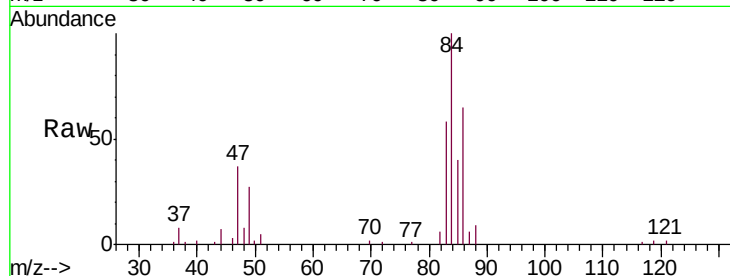
OU2-MW-4-001-01

Tgt Ion: 83 Resp: 12743

Ion Ratio Lower Upper

83 100

85 69.9 45.4 84.4



#34

Trichloroethene

Concen: 0.438 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VU035071.D

Acq: 11 Oct 2019 01:05

Tgt Ion: 95 Resp: 5361

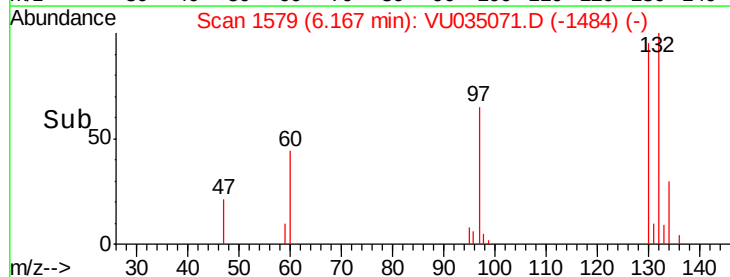
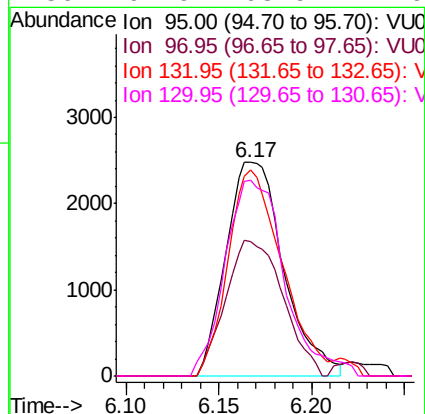
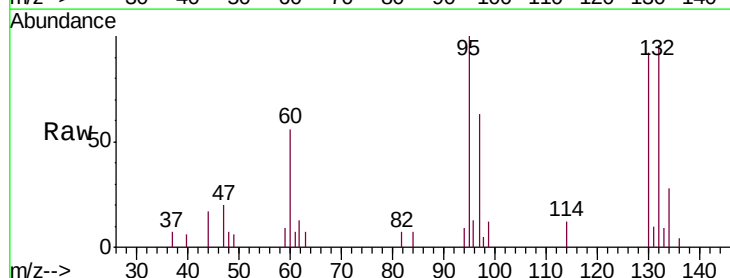
Ion Ratio Lower Upper

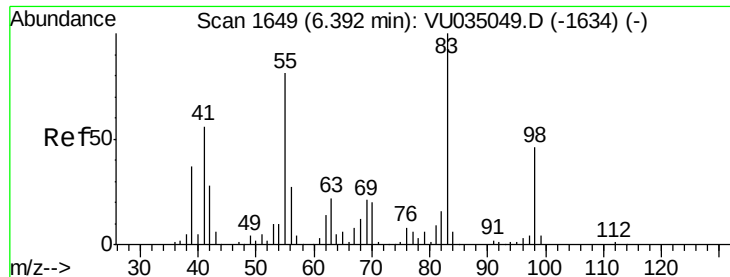
95 100

97 62.9 44.5 82.7

132 96.3 66.6 123.8

130 91.9 68.9 127.9

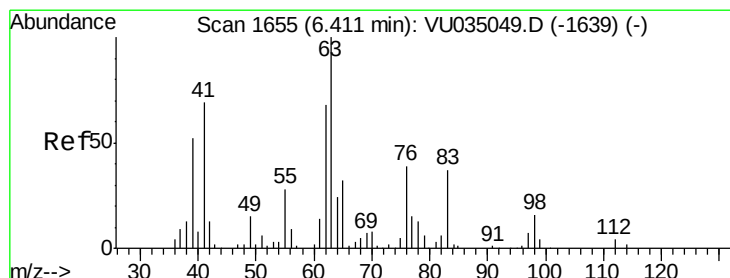
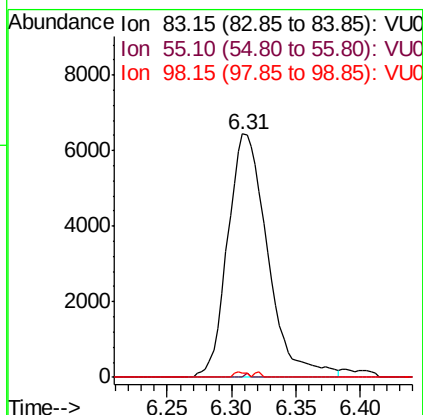
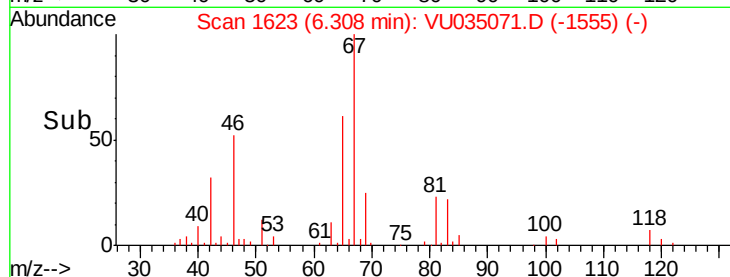
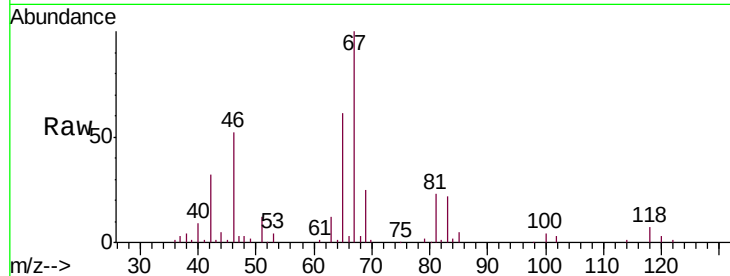




#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

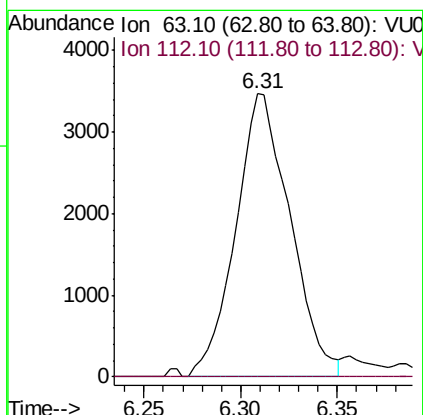
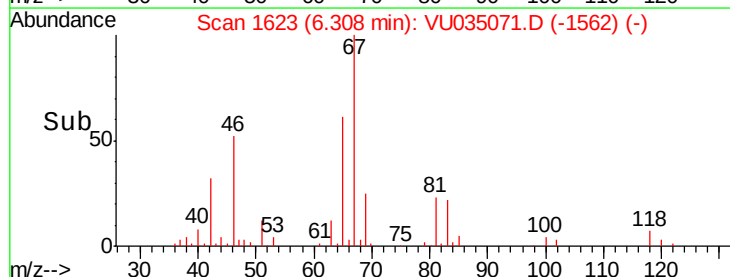
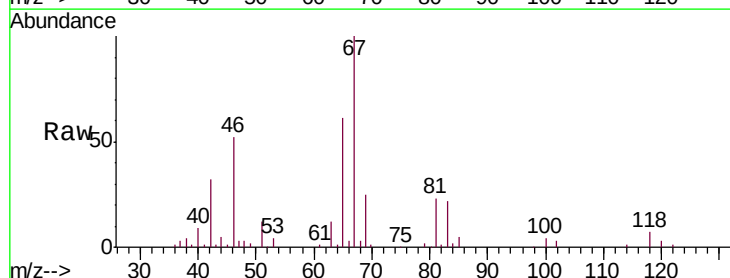
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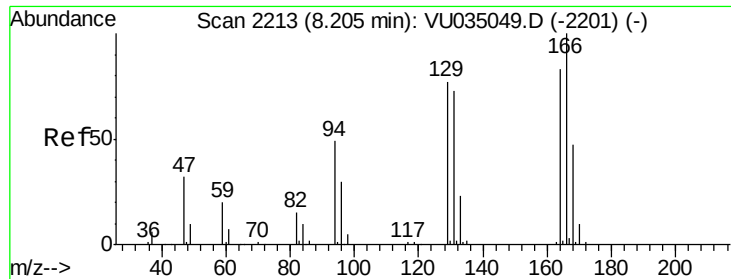
Tgt Ion: 83 Resp: 13897
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.7 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

Tgt Ion: 63 Resp: 6813
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

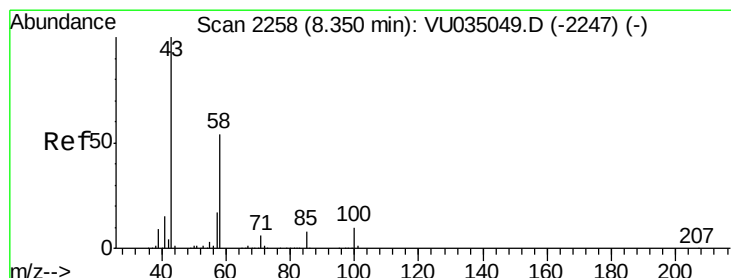
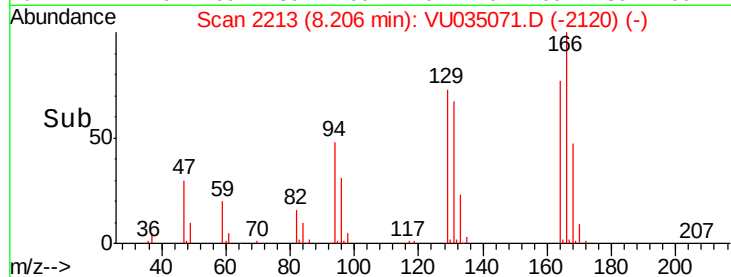
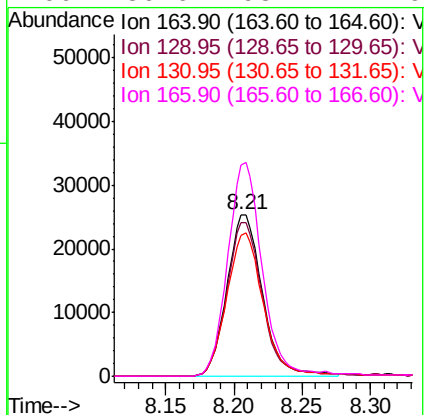
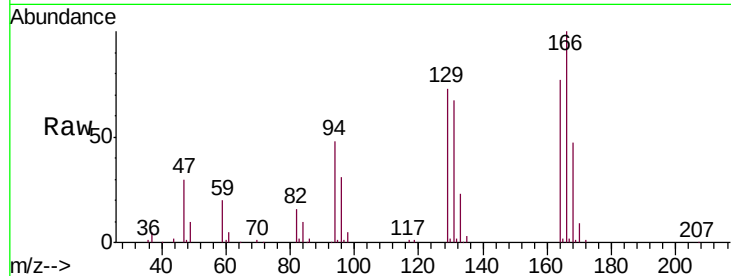




#47
Tetrachloroethene
Concen: 4.632 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

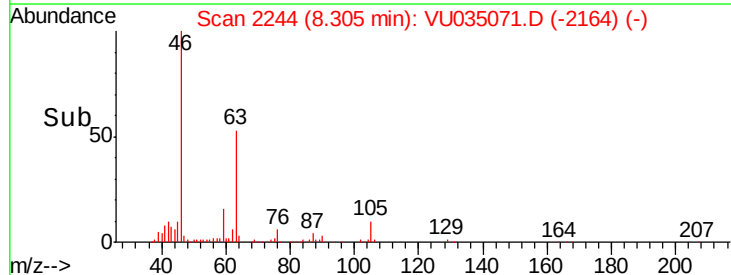
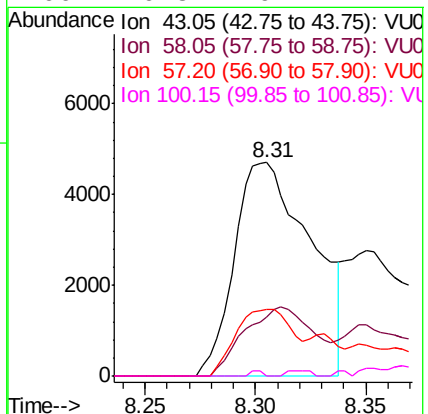
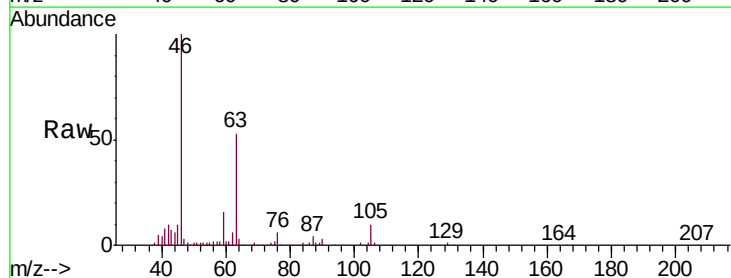
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01

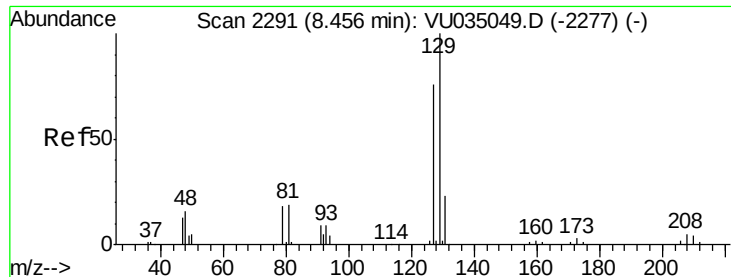
Tgt Ion:	164	Resp:	45862
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.5	127.1
131	87.4	67.3	124.9
166	130.6	93.1	172.9



#48
2-Hexanone
Concen: 2.061 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035071.D
Acq: 11 Oct 2019 01:05

Tgt Ion:	43	Resp:	11378
Ion	Ratio	Lower	Upper
43	100		
58	29.2	44.1	66.1#
57	23.2	15.8	23.8
100	0.8	9.4	14.2#





#49

Dibromochloromethane

Concen: 4.504 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU035071.D

Acq: 11 Oct 2019 01:05

Instrument :

MSVOA_U

ClientSampleId :

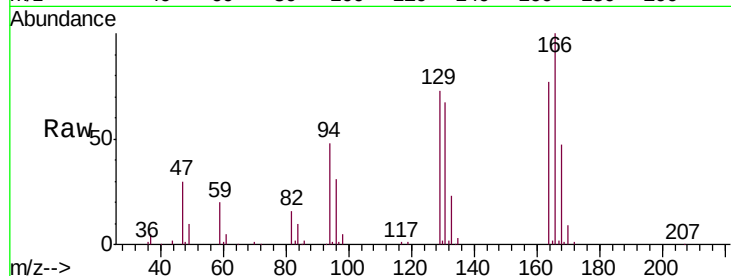
OU2-MW-4-001-01

Tgt Ion:129 Resp: 44224

Ion Ratio Lower Upper

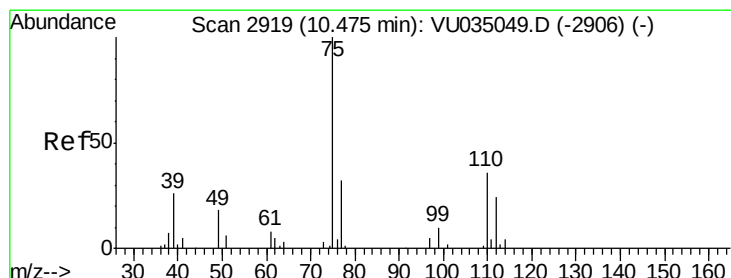
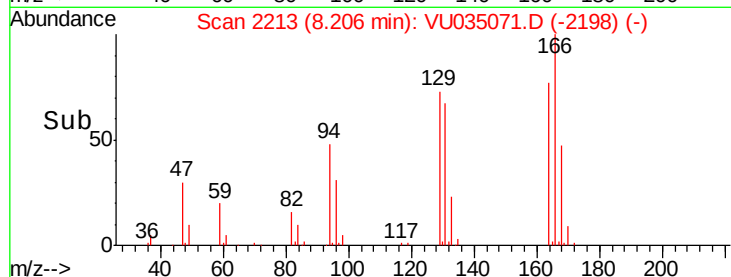
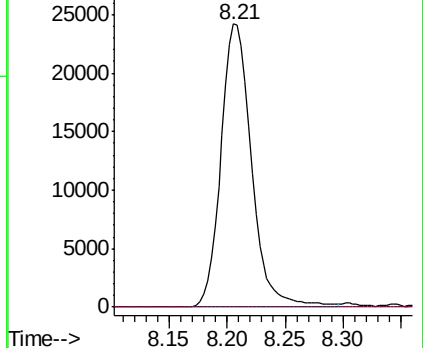
129 100

127 0.0 51.9 96.5#



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: 0.936 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 1.00 min

Lab File: VU035071.D

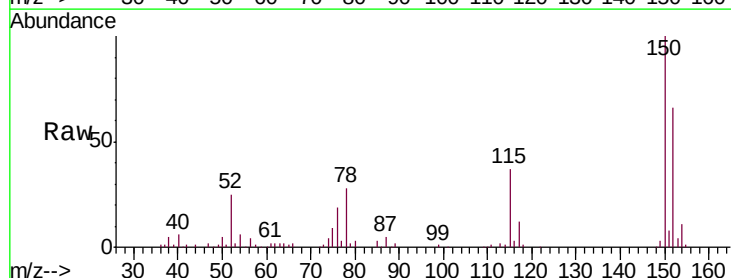
Acq: 11 Oct 2019 01:05

Tgt Ion: 75 Resp: 7752

Ion Ratio Lower Upper

75 100

77 38.1 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

