

Data File : VU035070.D
Acq On : 11 Oct 2019 00:40
Operator : JC/SP
Sample : K5310-21 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

Quant Time: Oct 11 04:47:16 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	162816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35628	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.68	69	37526	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.26	63	55443	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.17	46	152362	53.76	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	4.63	84	82917	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.29	65	52121	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.32	84	167927	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.31	67	62848	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.55	98	144153	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.84	79	18660	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.30	63	108875	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56893	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	54859	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

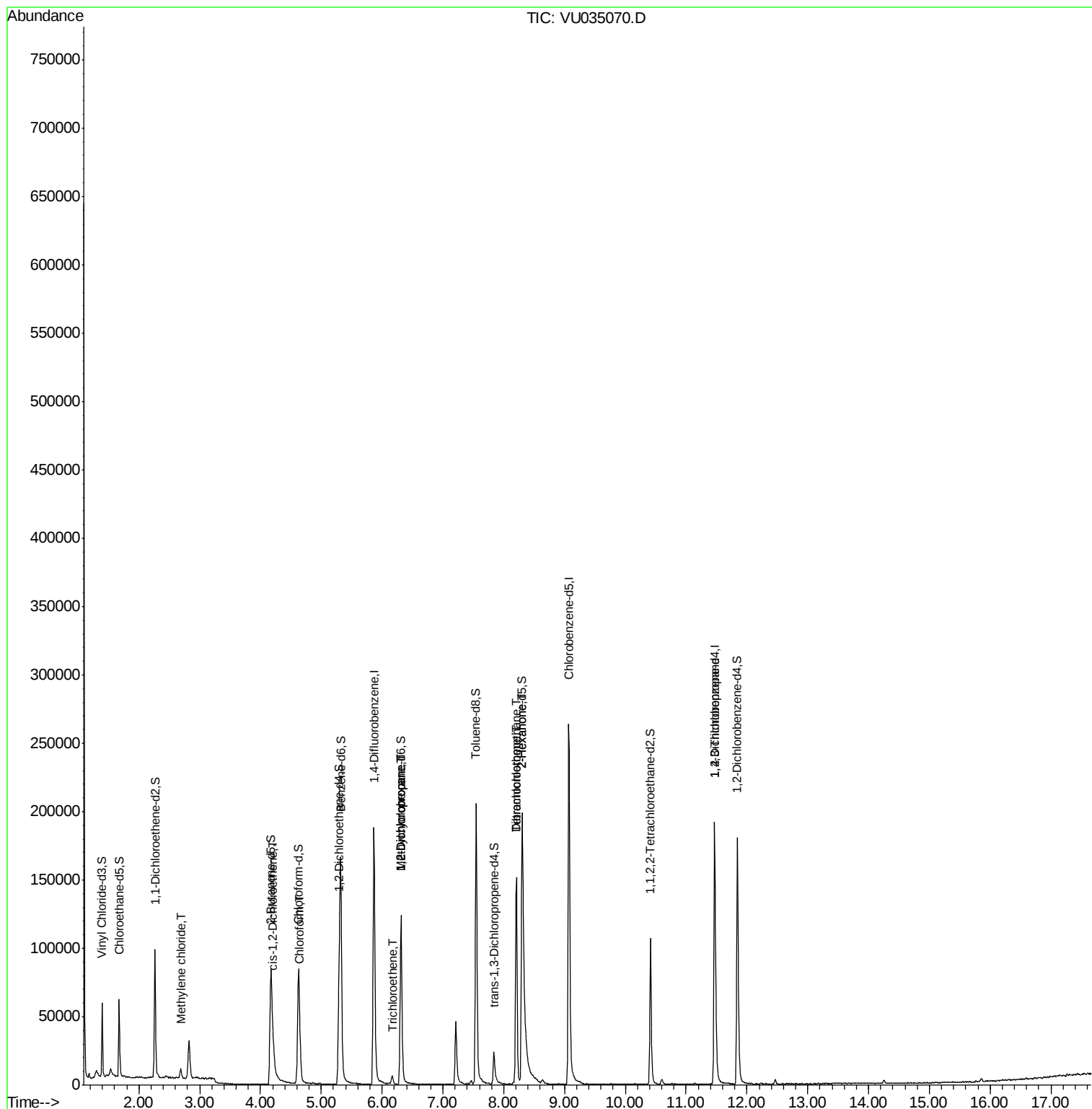
					Qvalue
16) Methylene chloride	2.69	84	2504	0.193 ug/L	82
22) cis-1,2-Dichloroethene	4.21	96	4153	0.332 ug/L	98
25) Chloroform	4.65	83	13046	0.522 ug/L	96
34) Trichloroethene	6.17	95	1849	0.139 ug/L	90
35) Methylcyclohexane	6.31	83	13982	0.651 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7214	0.520 ug/L #	88
47) Tetrachloroethene	8.21	164	34823	3.243 ug/L	92
48) 2-Hexanone	8.30	43	9574	1.599 ug/L #	69
49) Dibromochloromethane	8.21	129	32986	3.097 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8032	0.894 ug/L	95

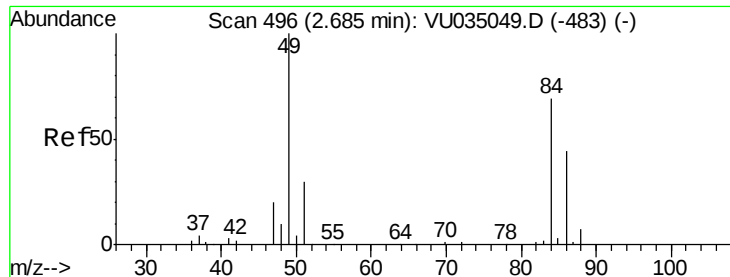
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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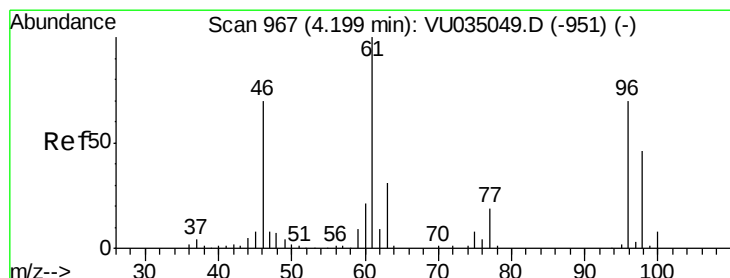
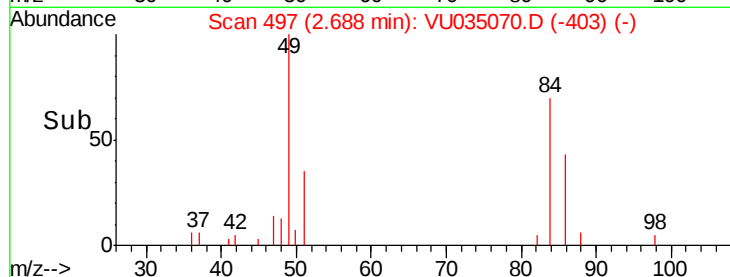
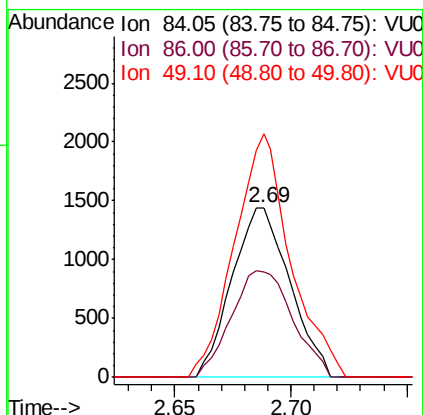
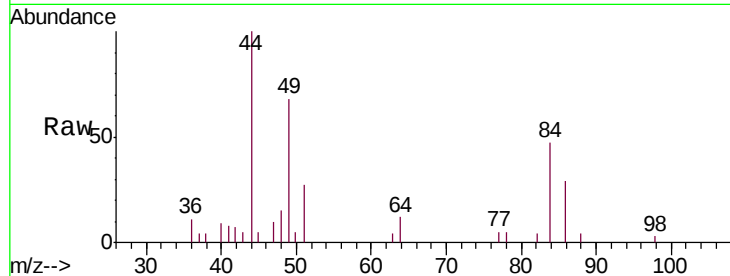




#16
Methylene chloride
Concen: 0.193 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

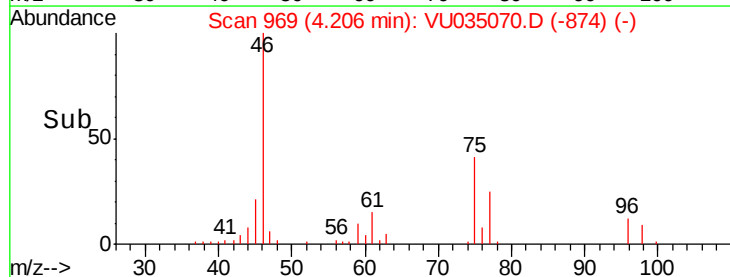
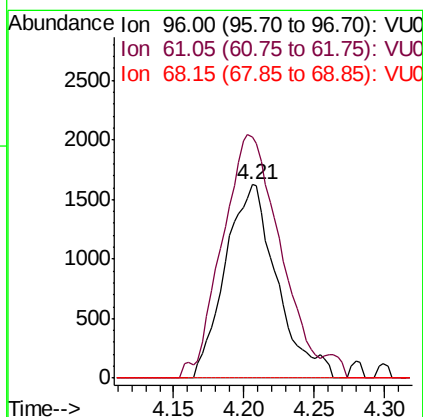
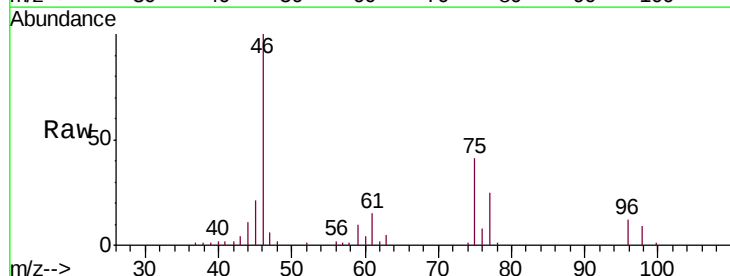
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

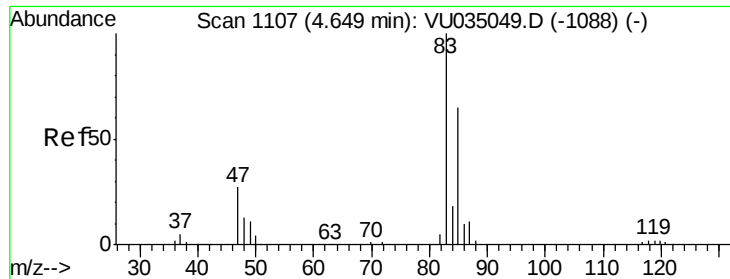
Tgt Ion: 84 Resp: 2504
Ion Ratio Lower Upper
84 100
86 61.7 42.5 78.9
49 153.4 86.9 161.3



#22
cis-1,2-Dichloroethene
Concen: 0.332 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

Tgt Ion: 96 Resp: 4153
Ion Ratio Lower Upper
96 100
61 124.8 89.2 165.6
68 0.0 0.0 0.0

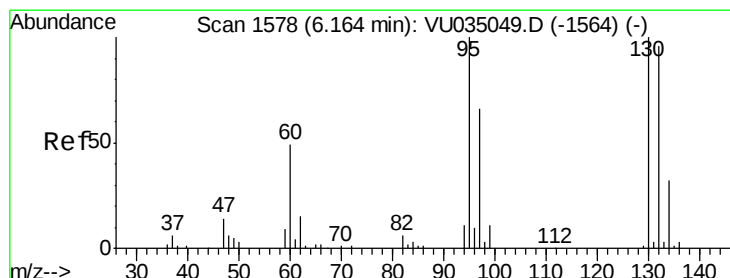
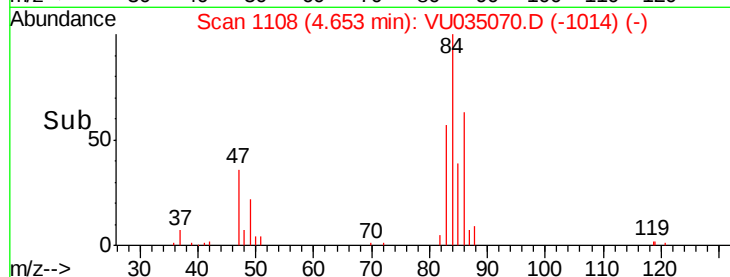
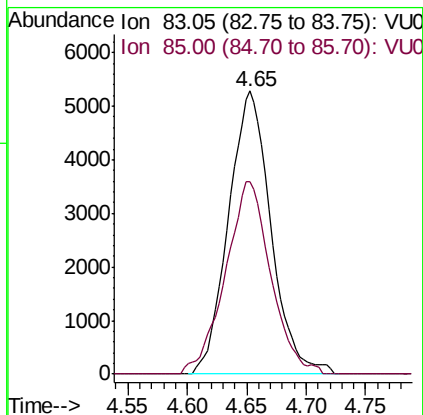
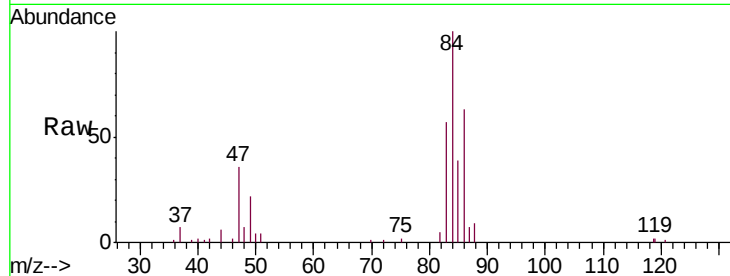




#25
Chloroform
Concen: 0.522 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

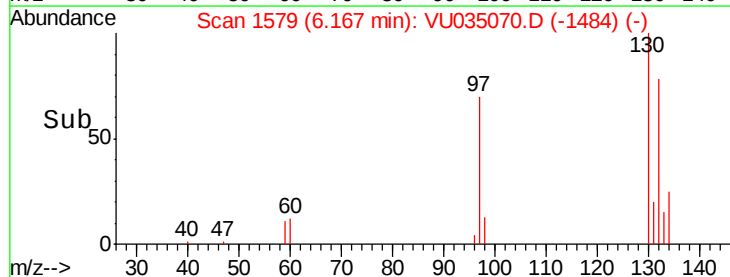
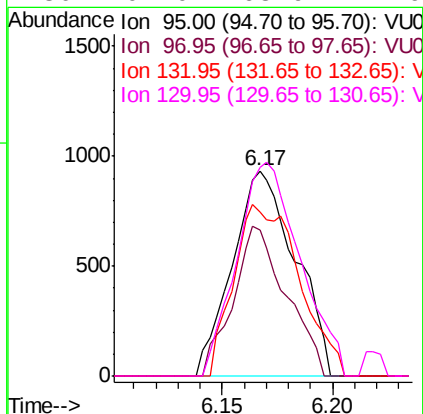
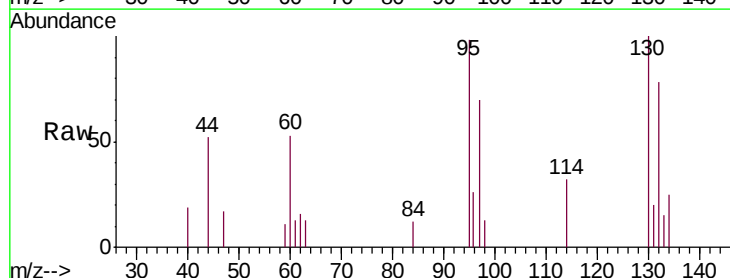
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

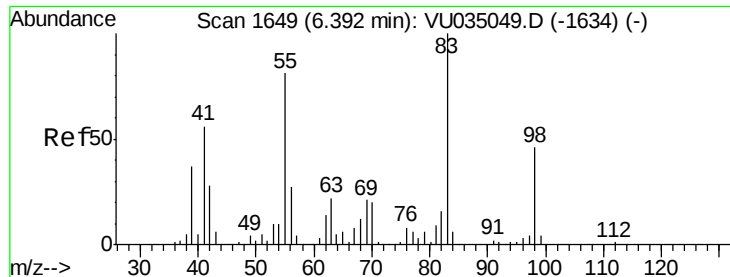
Tgt Ion: 83 Resp: 13046
Ion Ratio Lower Upper
83 100
85 68.0 45.4 84.4



#34
Trichloroethene
Concen: 0.139 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

Tgt Ion: 95 Resp: 1849
Ion Ratio Lower Upper
95 100
97 71.4 44.5 82.7
132 80.0 66.6 123.8
130 102.0 68.9 127.9

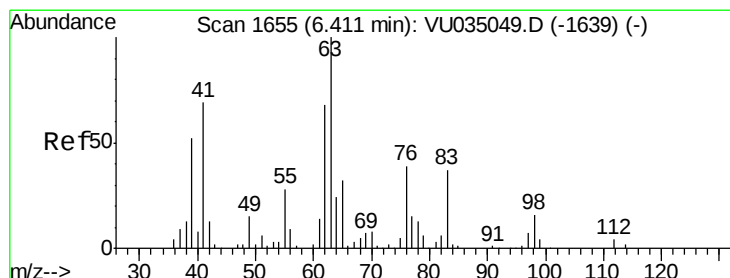
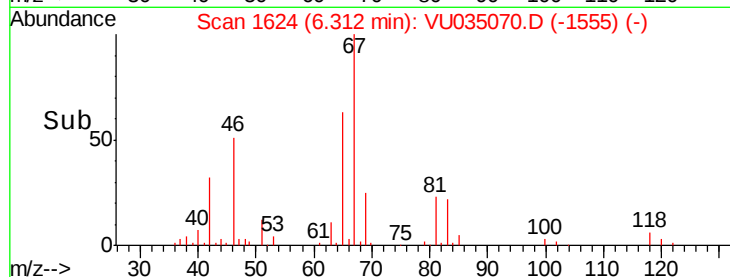
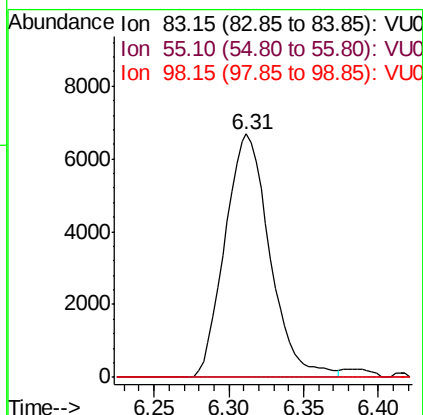
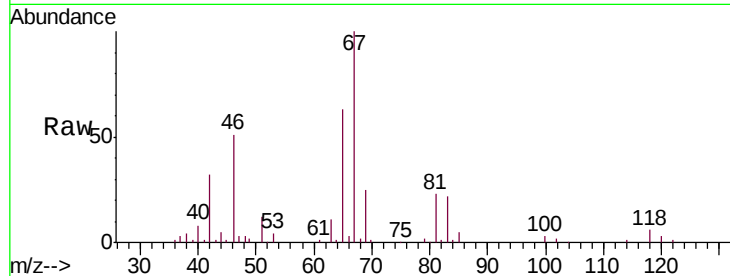




#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

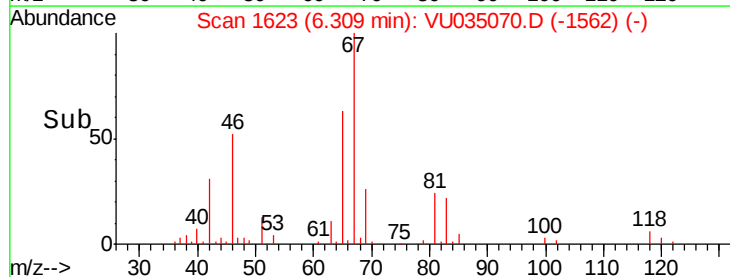
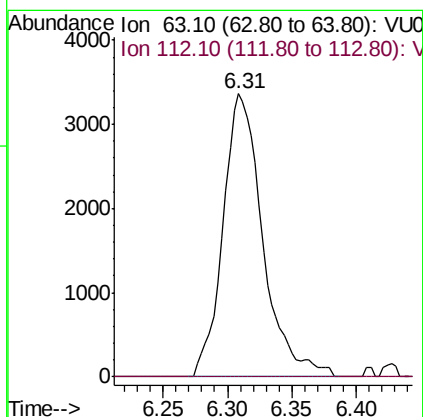
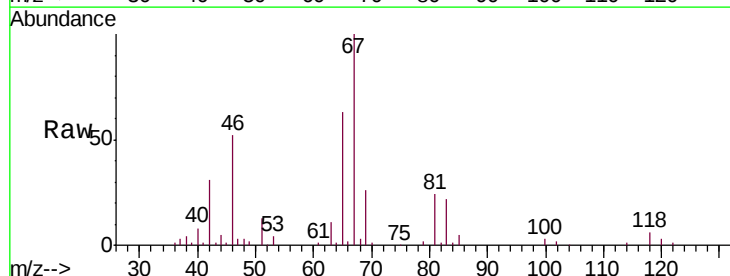
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

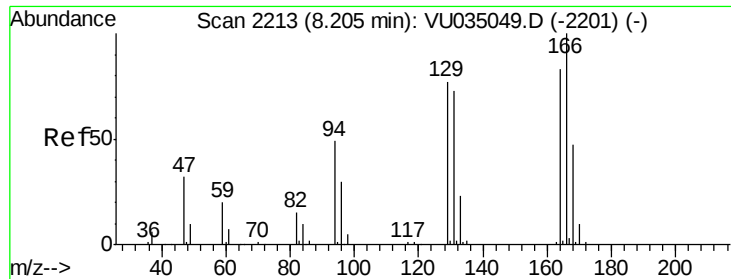
Tgt Ion: 83 Resp: 13982
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

Tgt Ion: 63 Resp: 7214
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

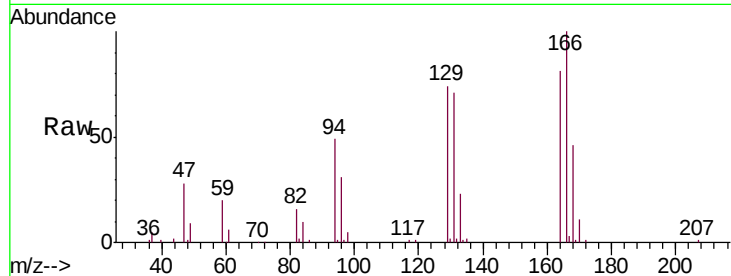




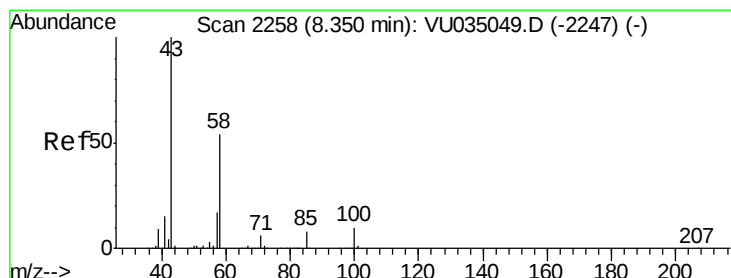
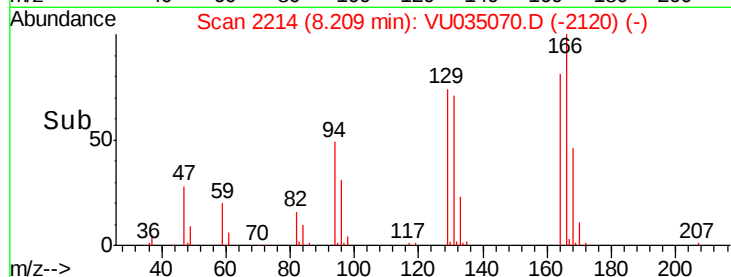
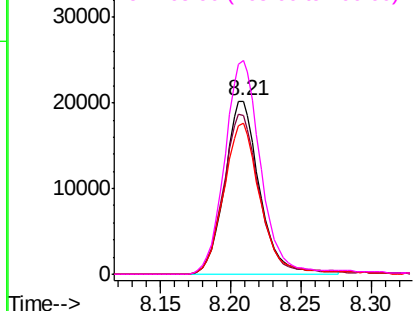
#47
Tetrachloroethene
Concen: 3.243 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-3-001-01

Tgt Ion:164 Resp: 34823
Ion Ratio Lower Upper
164 100
129 91.5 68.5 127.1
131 87.3 67.3 124.9
166 123.3 93.1 172.9

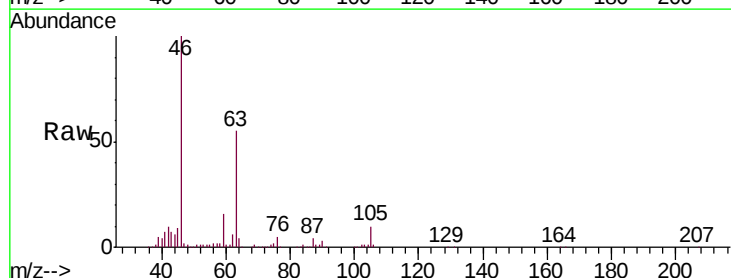


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

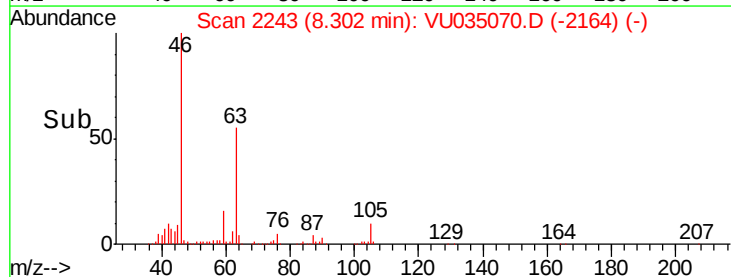
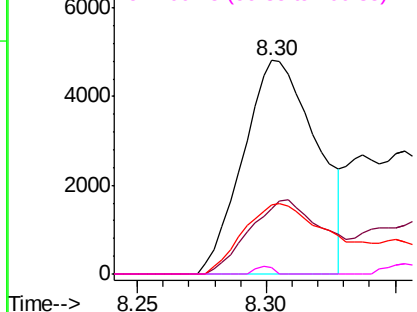


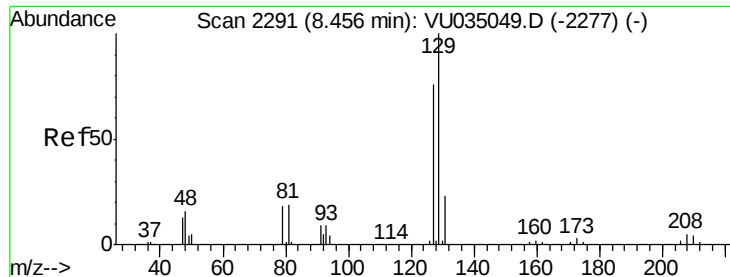
#48
2-Hexanone
Concen: 1.599 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035070.D
Acq: 11 Oct 2019 00:40

Tgt Ion: 43 Resp: 9574
Ion Ratio Lower Upper
43 100
58 35.1 44.1 66.1#
57 39.9 15.8 23.8#
100 0.9 9.4 14.2#



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: 3.097 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU035070.D

Acq: 11 Oct 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

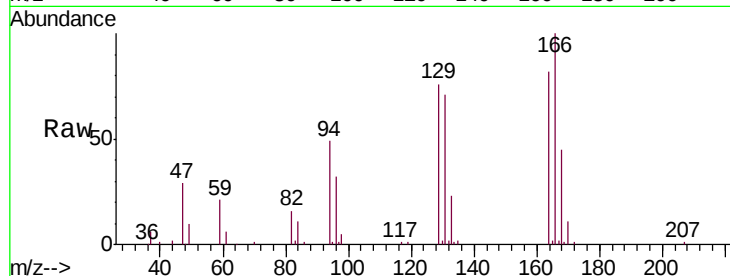
OU2-MW-3-001-01

Tgt Ion:129 Resp: 32986

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

8.21

20000

15000

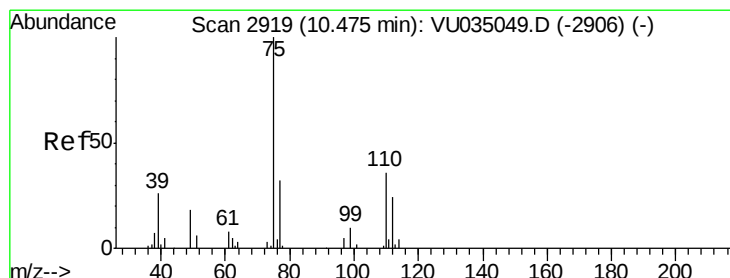
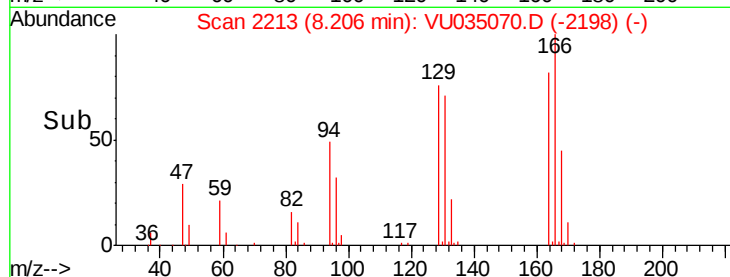
10000

5000

0

8.15 8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.894 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 1.00 min

Lab File: VU035070.D

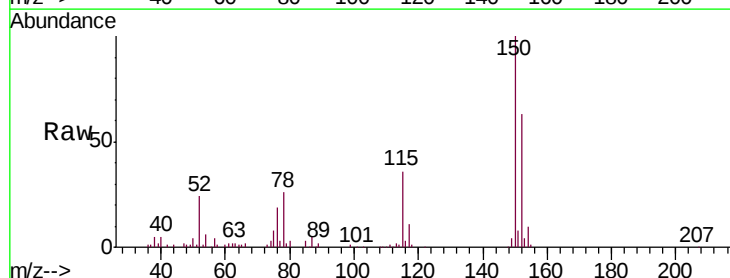
Acq: 11 Oct 2019 00:40

Tgt Ion: 75 Resp: 8032

Ion Ratio Lower Upper

75 100

77 35.9 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.47

4000

3000

2000

1000

0

11.40 11.50

Time-->

