

Data File : VU035114.D
Acq On : 12 Oct 2019 01:14
Operator : JC/SP
Sample : K5310-22 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 12 02:50:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	172871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52107	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	51148	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.26	63	78945	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.17	46	146156	48.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.14%
24) Chloroform-d	4.62	84	92557	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.29	65	57052	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	193455	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	69918	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.55	98	169200	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.84	79	19493	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.30	63	102368	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57280	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55984	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

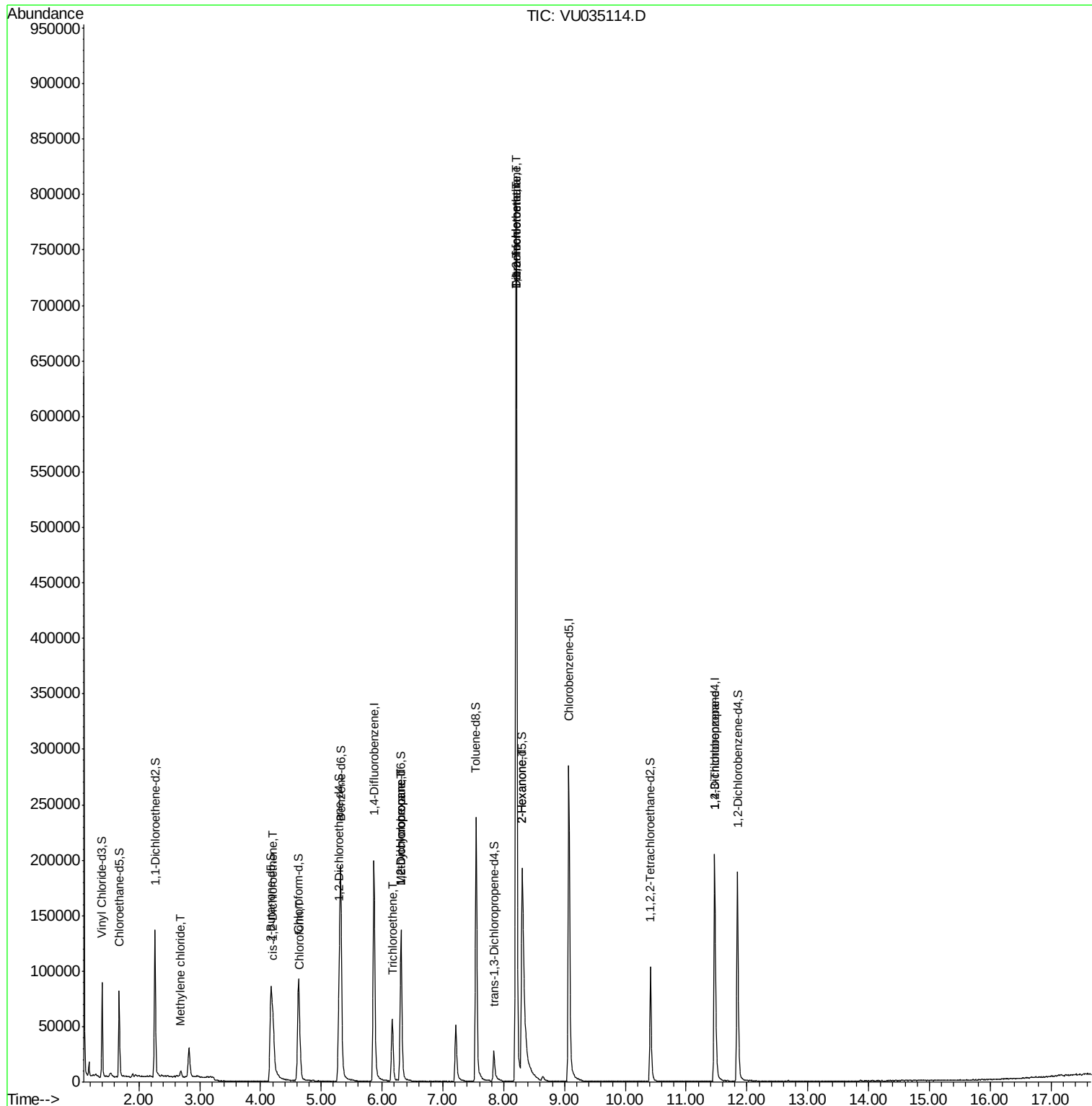
					Qvalue
16) Methylene chloride	2.68	84	2110	0.153 ug/L	80
22) cis-1,2-Dichloroethene	4.21	96	17493	1.319 ug/L	93
25) Chloroform	4.65	83	12650	0.476 ug/L	93
34) Trichloroethene	6.17	95	20374	1.465 ug/L	96
35) Methylcyclohexane	6.31	83	15185	0.674 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7792	0.536 ug/L #	88
45) 1,1,2-Trichloroethane	8.21	97	1614	0.167 ug/L #	10
47) Tetrachloroethene	8.21	164	182199	16.190 ug/L	95
48) 2-Hexanone	8.30	43	13422	2.139 ug/L #	61
49) Dibromochloromethane	8.21	129	172498	15.457 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8620	0.916 ug/L	95

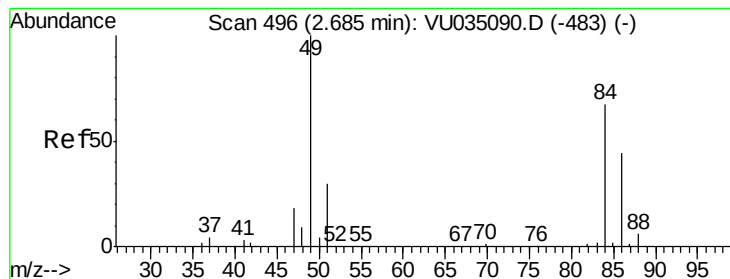
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.153 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035114.D

Acq: 12 Oct 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-4-001-01

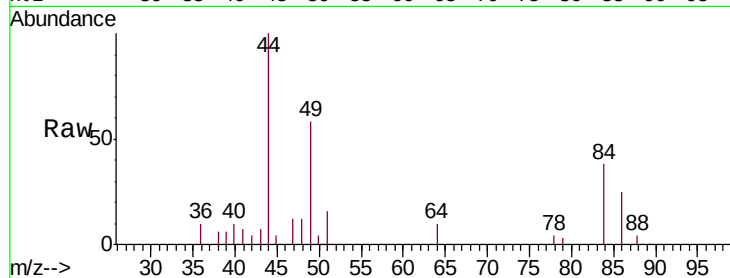
Tgt Ion: 84 Resp: 2110

Ion Ratio Lower Upper

84 100

86 65.4 42.5 78.9

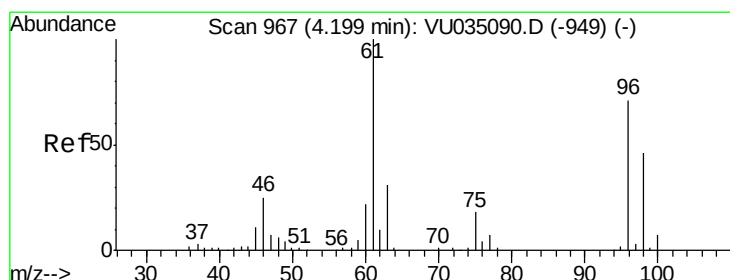
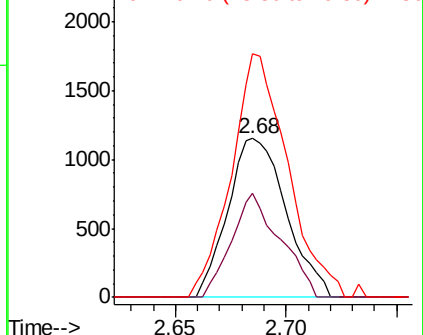
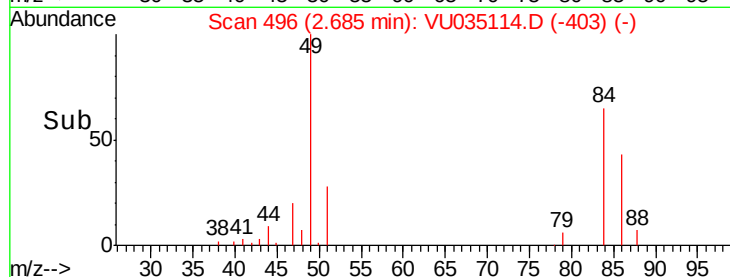
49 153.6 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035114.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035114.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035114.D (-403) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.319 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU035114.D

Acq: 12 Oct 2019 01:14

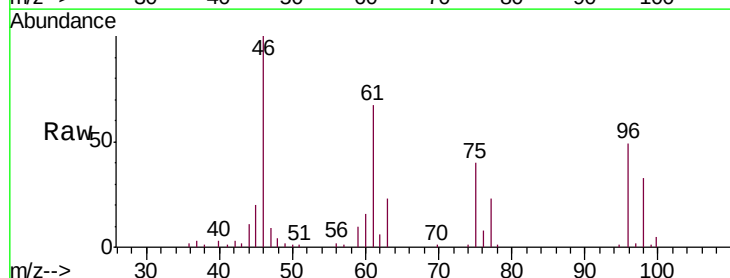
Tgt Ion: 96 Resp: 17493

Ion Ratio Lower Upper

96 100

61 134.9 89.2 165.6

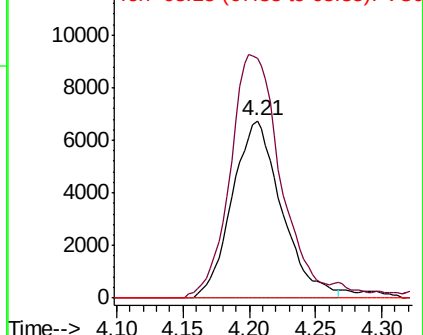
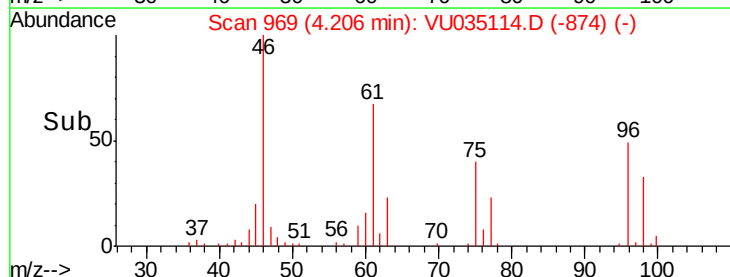
68 0.0 0.0 0.0

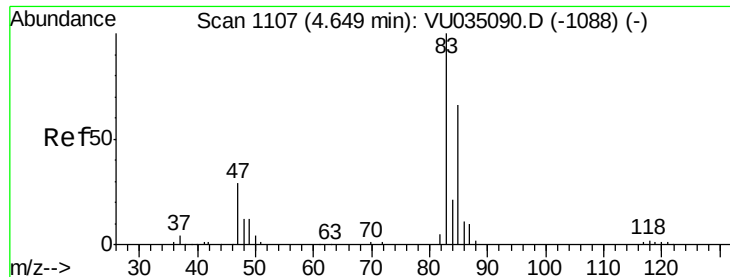


Abundance Ion 96.00 (95.70 to 96.70): VU035114.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035114.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035114.D (-874) (-)

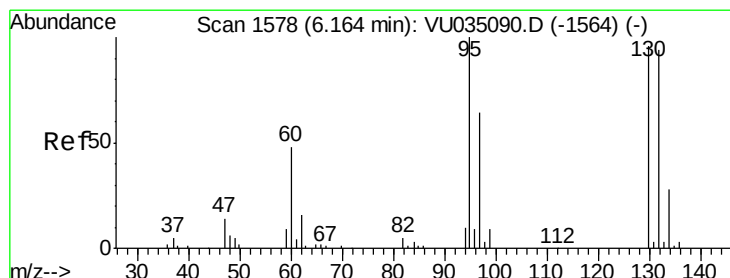
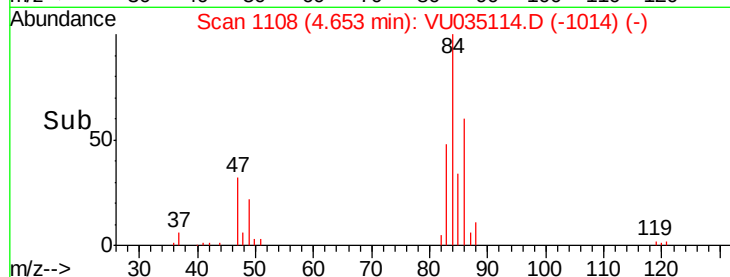
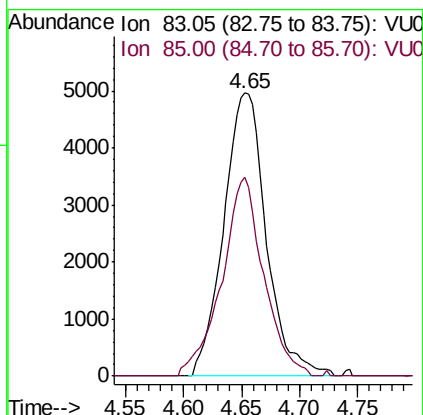
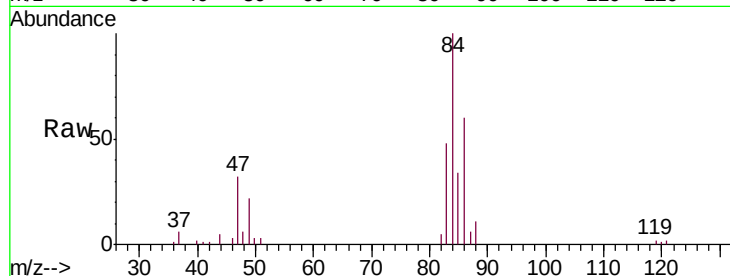




#25
Chloroform
Concen: 0.476 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

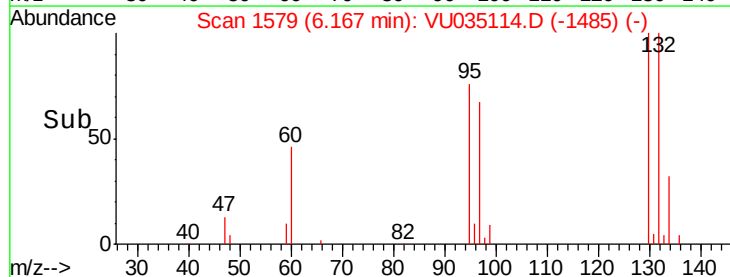
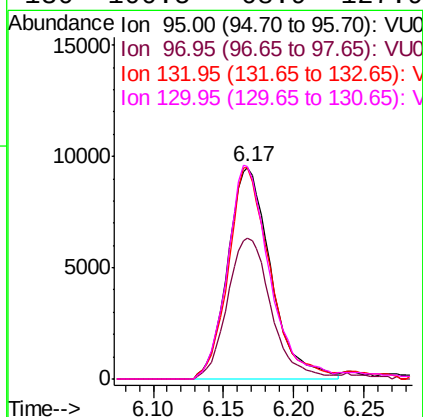
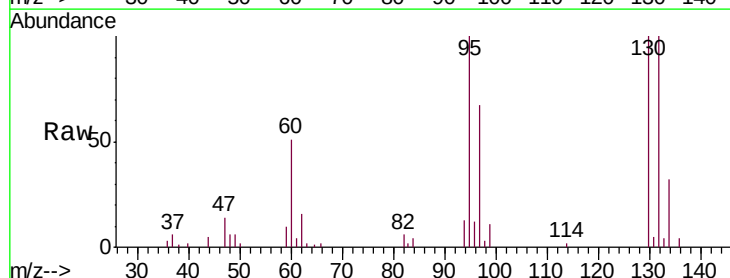
Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-4-001-01

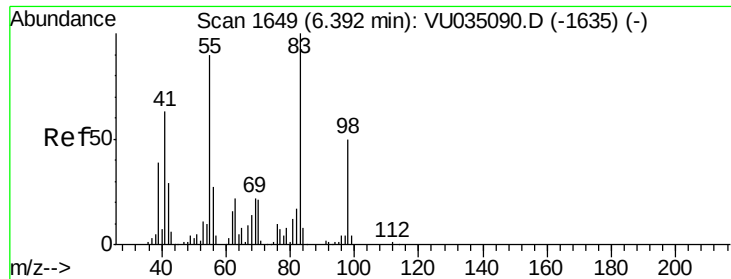
Tgt Ion: 83 Resp: 12650
Ion Ratio Lower Upper
83 100
85 70.1 45.4 84.4



#34
Trichloroethene
Concen: 1.465 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

Tgt Ion: 95 Resp: 20374
Ion Ratio Lower Upper
95 100
97 66.8 44.5 82.7
132 100.1 66.6 123.8
130 100.5 68.9 127.9

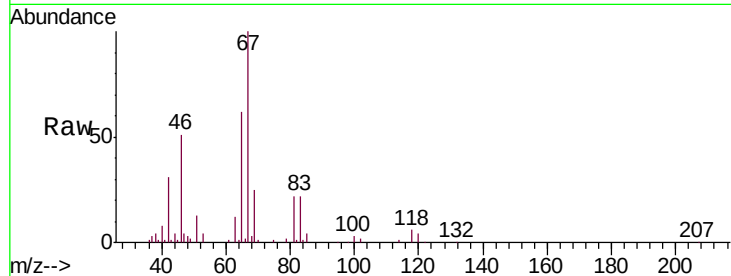




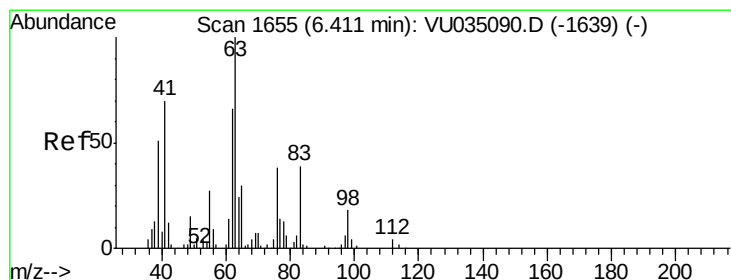
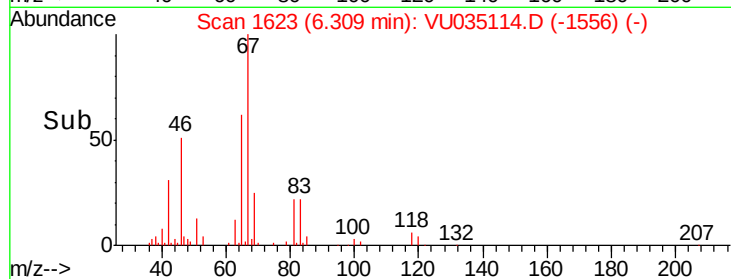
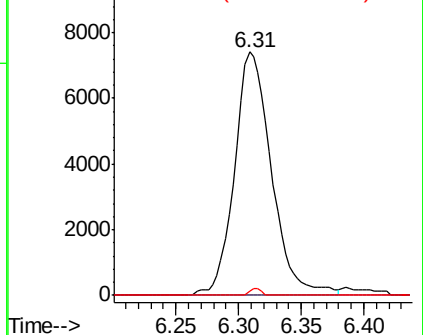
#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

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

Tgt Ion: 83 Resp: 15185
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.8 36.2 54.2#

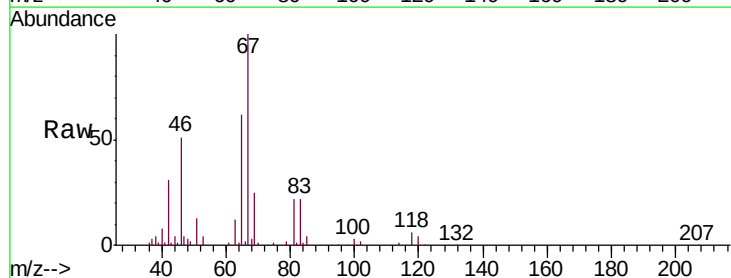


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

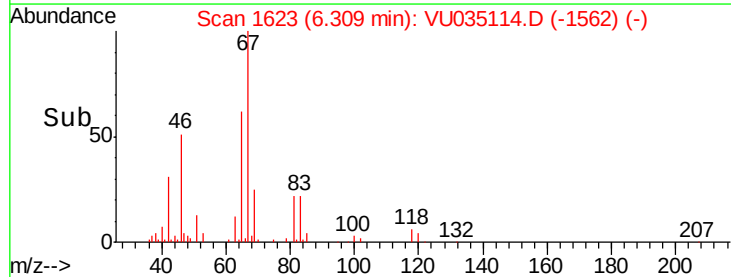
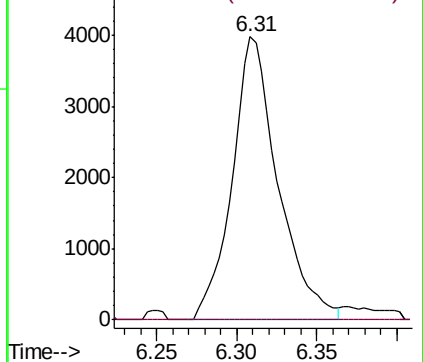


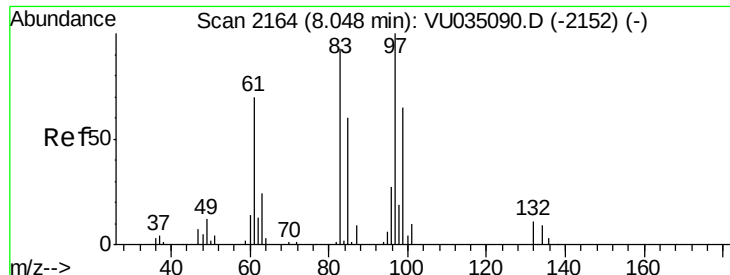
#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

Tgt Ion: 63 Resp: 7792
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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





#45

1,1,2-Trichloroethane

Concen: 0.167 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.16 min

Lab File: VU035114.D

Acq: 12 Oct 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-4-001-01

Tgt Ion: 97 Resp: 1614

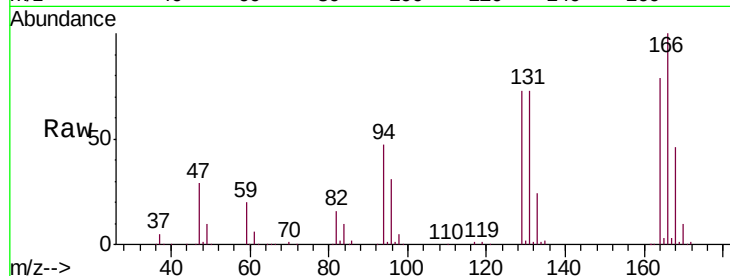
Ion Ratio Lower Upper

97 100

99 11.4 42.3 78.5#

83 213.0 58.0 107.6#

85 29.6 37.8 70.2#

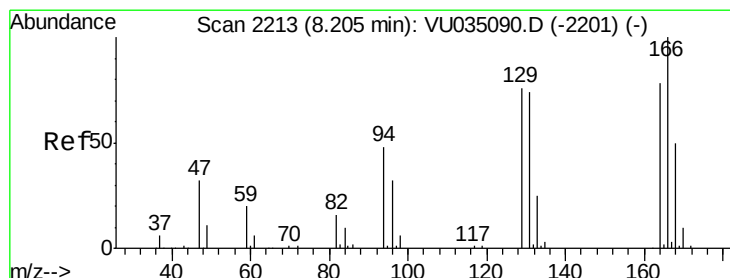
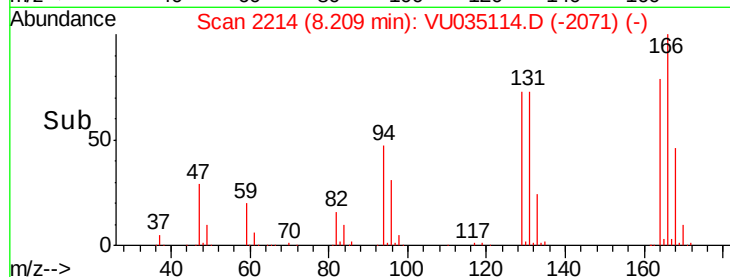
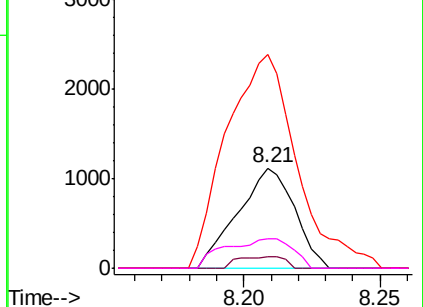


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 16.190 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035114.D

Acq: 12 Oct 2019 01:14

Tgt Ion:164 Resp: 182199

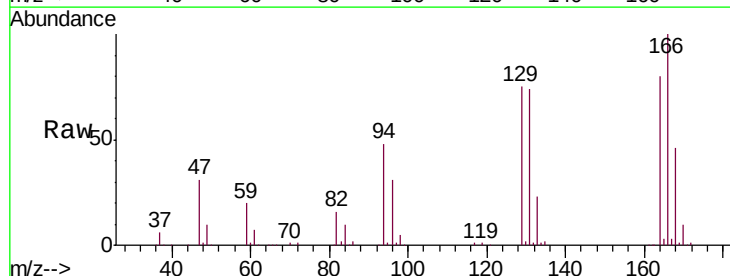
Ion Ratio Lower Upper

164 100

129 93.3 68.5 127.1

131 92.5 67.3 124.9

166 124.5 93.1 172.9

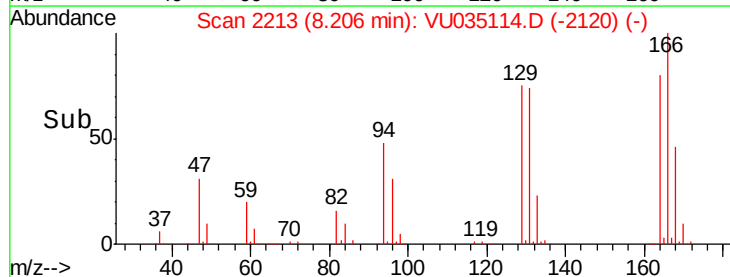
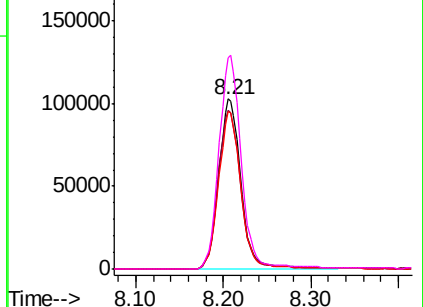


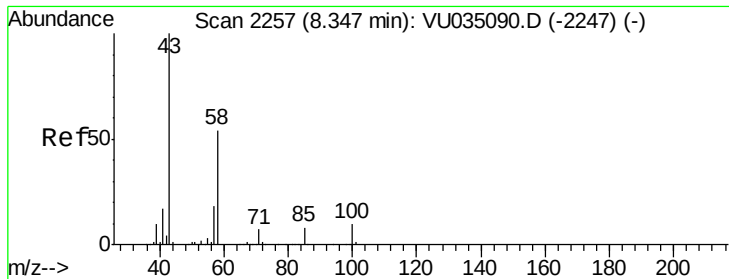
Abundance Ion 163.90 (163.60 to 164.60): V

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

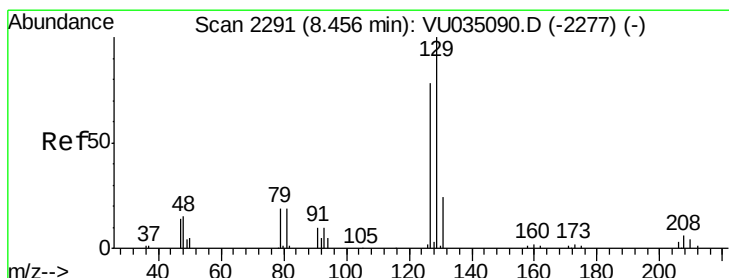
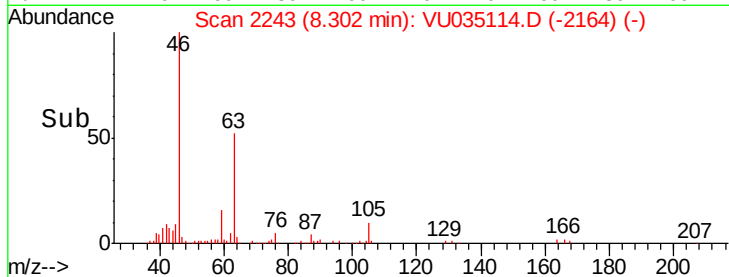
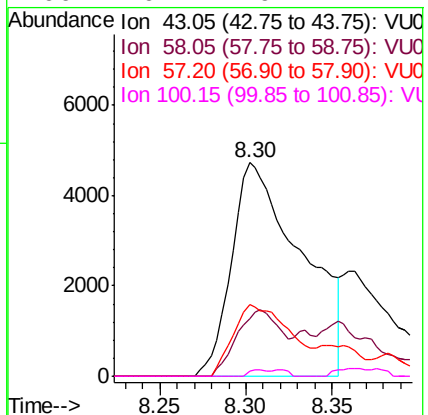
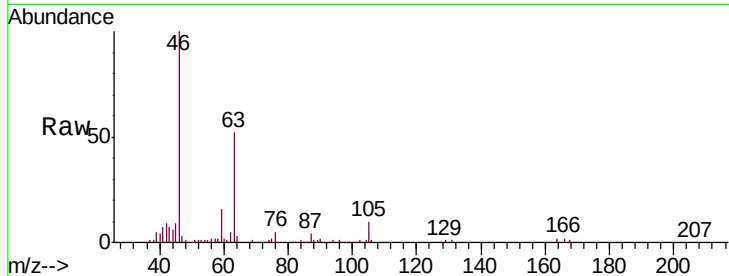




#48
2-Hexanone
Concen: 2.139 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

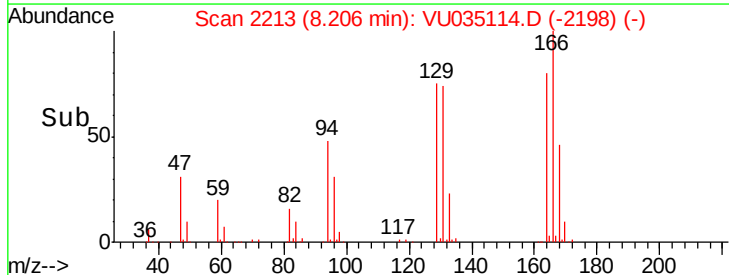
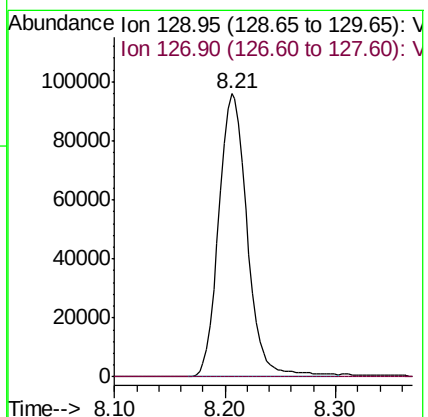
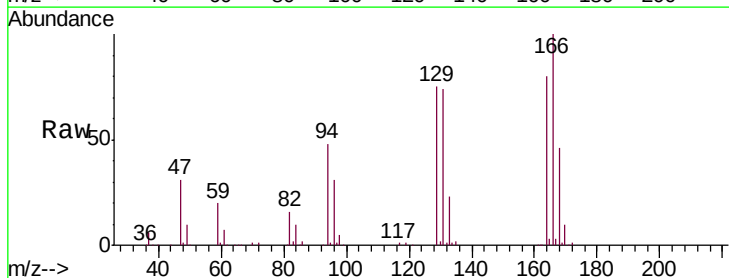
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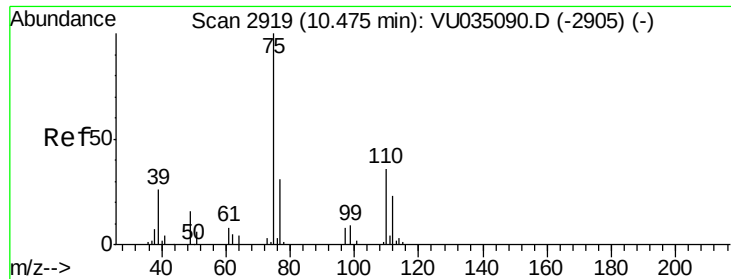
Tgt Ion: 43 Resp: 13422
Ion Ratio Lower Upper
43 100
58 19.5 44.1 66.1#
57 27.8 15.8 23.8#
100 0.7 9.4 14.2#



#49
Dibromochloromethane
Concen: 15.457 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035114.D
Acq: 12 Oct 2019 01:14

Tgt Ion: 129 Resp: 172498
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59
 1,2,3-Trichloropropane
 Concen: 0.916 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035114.D
 Acq: 12 Oct 2019 01:14

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

Tgt Ion: 75 Resp: 8620
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.5 39.7

