

Data File : VU035104.D
Acq On : 11 Oct 2019 21:10
Operator : JC/SP
Sample : K5310-10DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-15-001-01DL

Quant Time: Oct 12 02:47:58 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	166362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51497	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.68	69	50078	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.26	63	77497	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.17	46	151997	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	4.62	84	100058	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.29	65	55179	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.32	84	195076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.31	67	66989	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	166623	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.84	79	18172	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.30	63	104330	43.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54270	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	55300	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

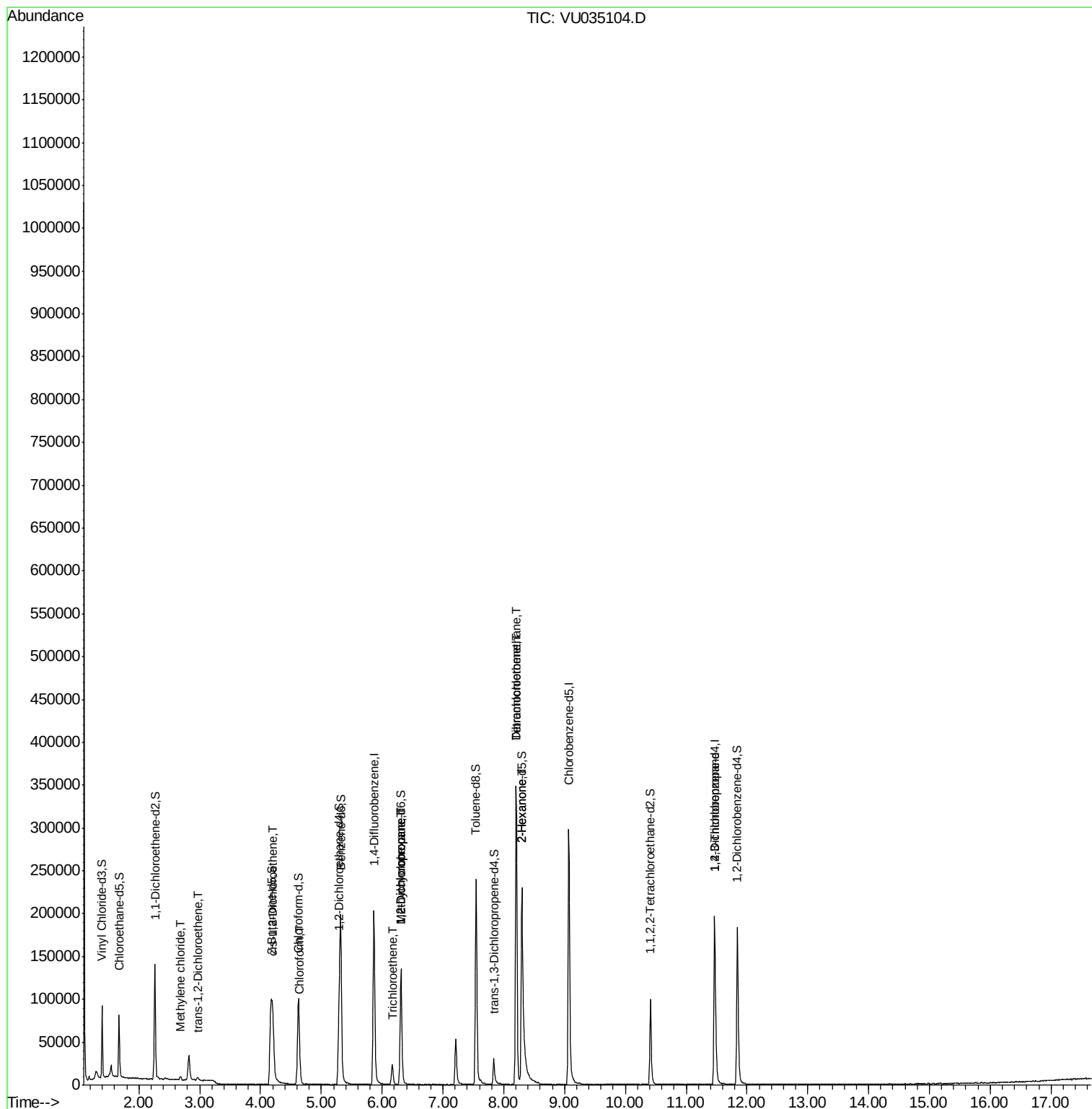
					Qvalue
16) Methylene chloride	2.69	84	1690	0.128 ug/L	84
18) trans-1,2-Dichloroethene	2.96	96	915	0.080 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	33918	2.657 ug/L	91
25) Chloroform	4.65	83	4235	0.166 ug/L	93
34) Trichloroethene	6.17	95	8317	0.605 ug/L	98
35) Methylcyclohexane	6.31	83	14213	0.638 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7480	0.520 ug/L #	90
47) Tetrachloroethene	8.21	164	76947	6.912 ug/L	96
48) 2-Hexanone	8.30	43	11191	1.803 ug/L #	67
49) Dibromochloromethane	8.21	129	73263	6.637 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7742	0.832 ug/L	90

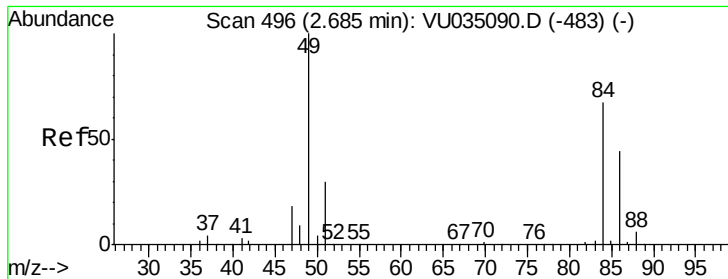
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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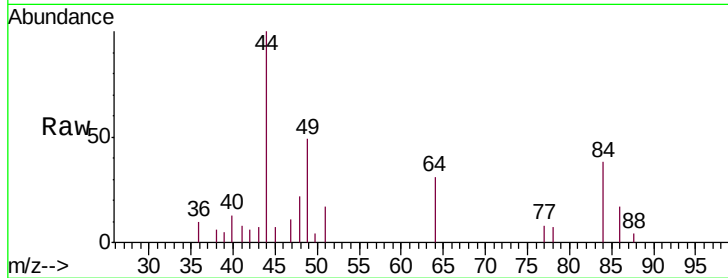




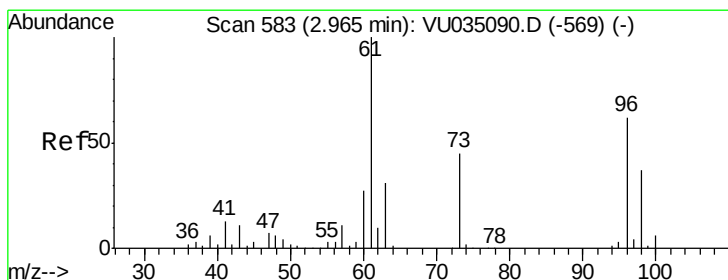
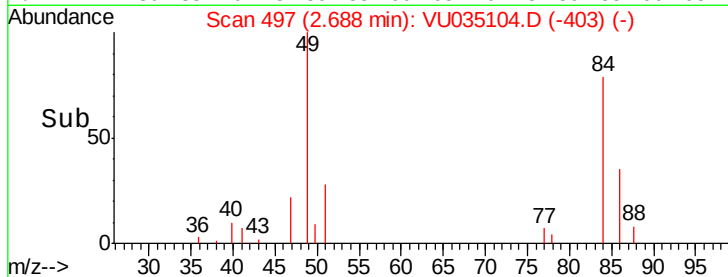
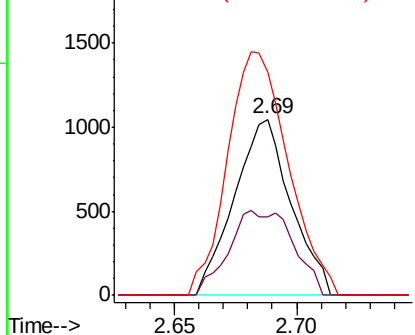
#16
Methylene chloride
Concen: 0.128 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035104.D
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Instrument :
MSVOA_U
ClientSampleId :
MW-15-001-01DL

Tgt Ion: 84 Resp: 1690
Ion Ratio Lower Upper
84 100
86 44.4 42.5 78.9
49 138.7 86.9 161.3

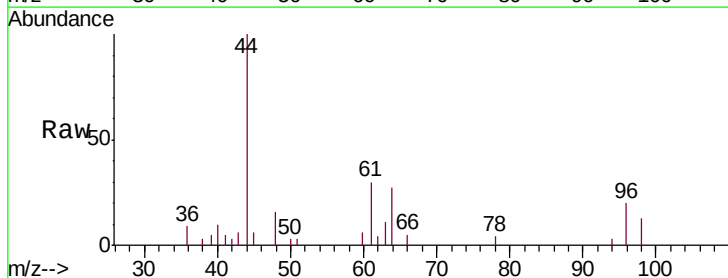


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

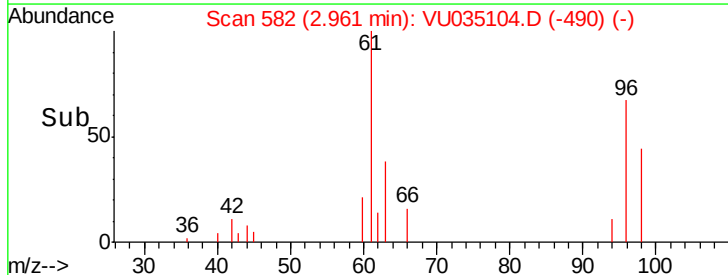
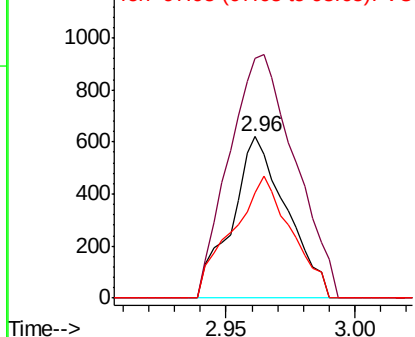


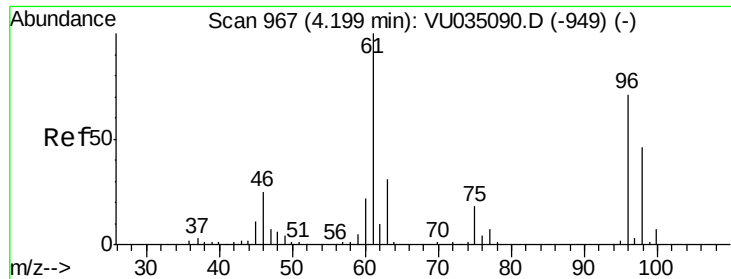
#18
trans-1,2-Dichloroethene
Concen: 0.080 ug/L
RT: 2.96 min Scan# 582
Delta R.T. -0.00 min
Lab File: VU035104.D
Acq: 11 Oct 2019 21:10

Tgt Ion: 96 Resp: 915
Ion Ratio Lower Upper
96 100
61 149.0 107.1 198.9
98 65.6 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.657 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035104.D

Acq: 11 Oct 2019 21:10

Instrument :

MSVOA_U

ClientSampleId :

MW-15-001-01DL

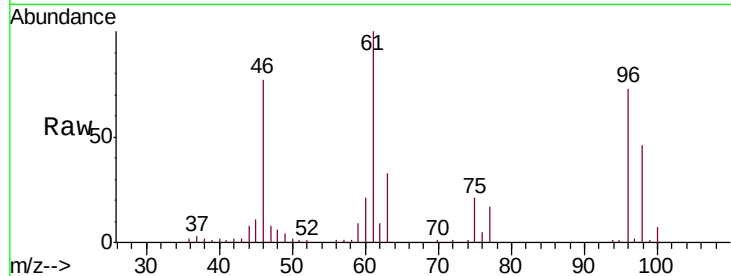
Tgt Ion: 96 Resp: 33918

Ion Ratio Lower Upper

96 100

61 137.3 89.2 165.6

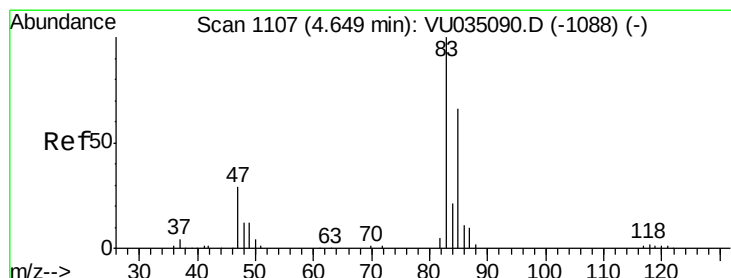
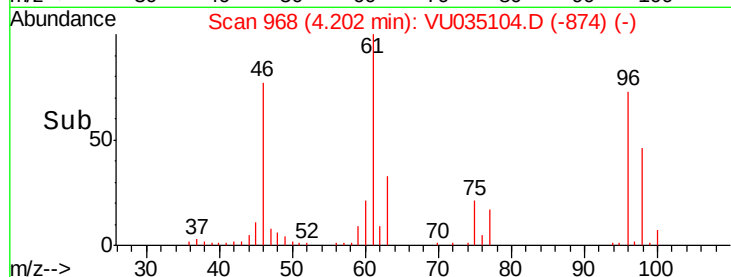
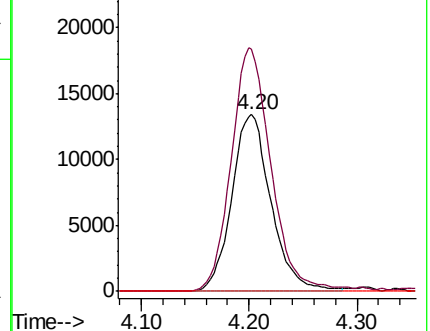
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035104.D (-968) (-)

Ion 61.05 (60.75 to 61.75): VU035104.D (-968) (-)

Ion 68.15 (67.85 to 68.85): VU035104.D (-968) (-)



#25

Chloroform

Concen: 0.166 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035104.D

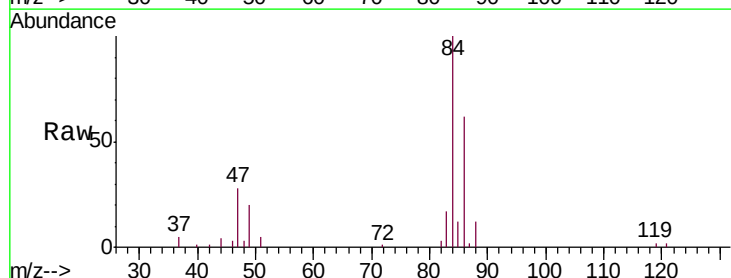
Acq: 11 Oct 2019 21:10

Tgt Ion: 83 Resp: 4235

Ion Ratio Lower Upper

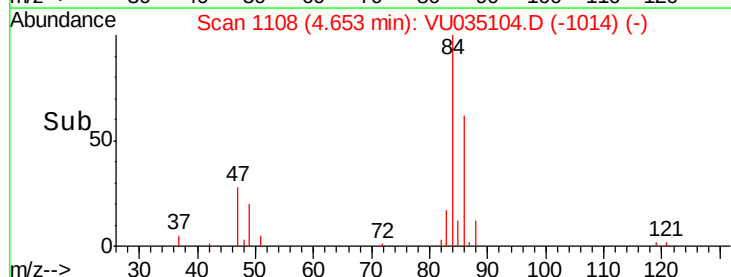
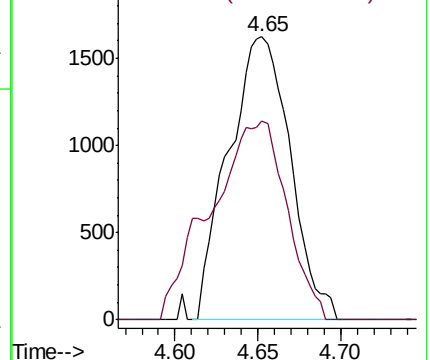
83 100

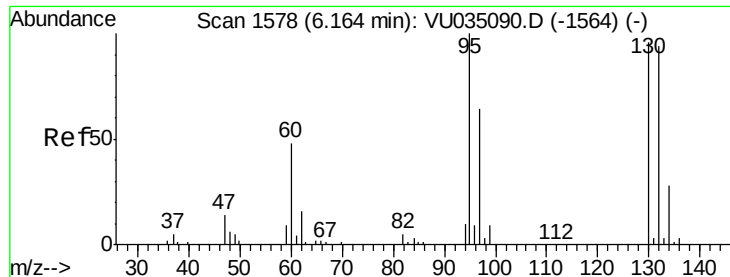
85 70.5 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035104.D (-1107) (-)

Ion 85.00 (84.70 to 85.70): VU035104.D (-1107) (-)





#34

Trichloroethene

Concen: 0.605 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035104.D

Acq: 11 Oct 2019 21:10

Instrument :

MSVOA_U

ClientSampleId :

MW-15-001-01DL

Tgt Ion: 95 Resp: 8317

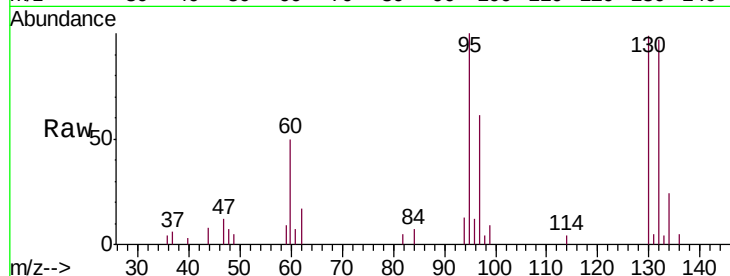
Ion Ratio Lower Upper

95 100

97 61.1 44.5 82.7

132 97.4 66.6 123.8

130 99.0 68.9 127.9

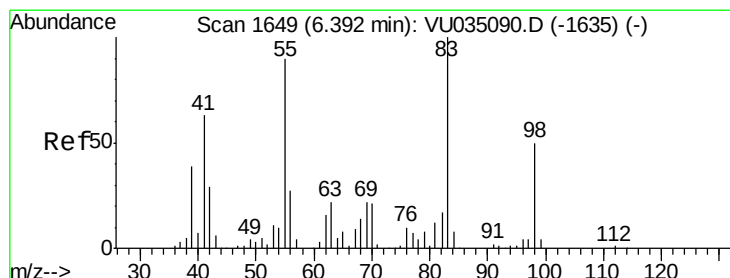
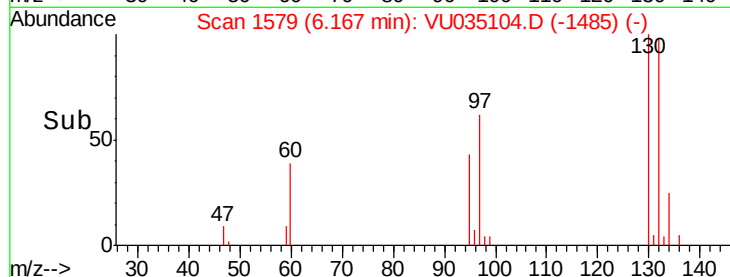
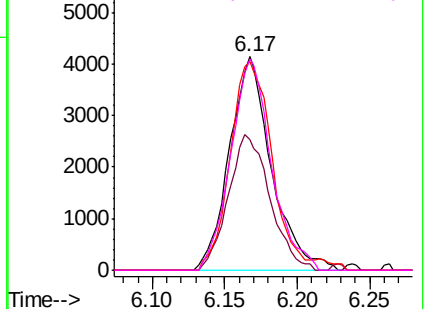


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035104.D

Acq: 11 Oct 2019 21:10

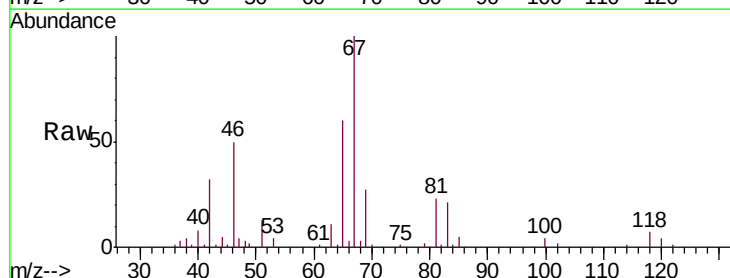
Tgt Ion: 83 Resp: 14213

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

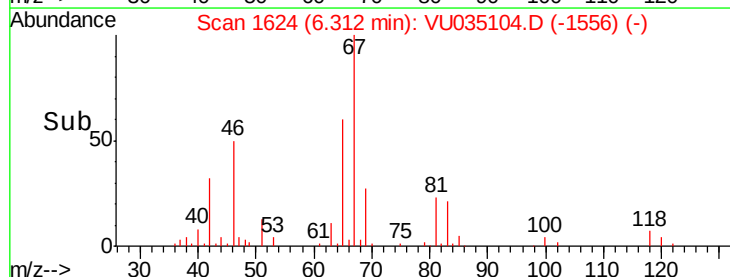
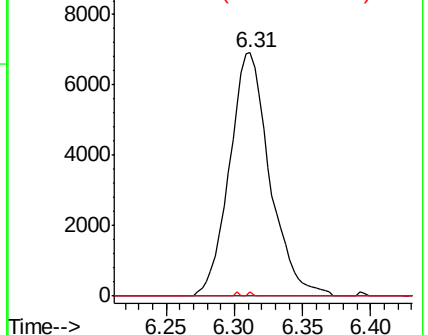
98 0.1 36.2 54.2#

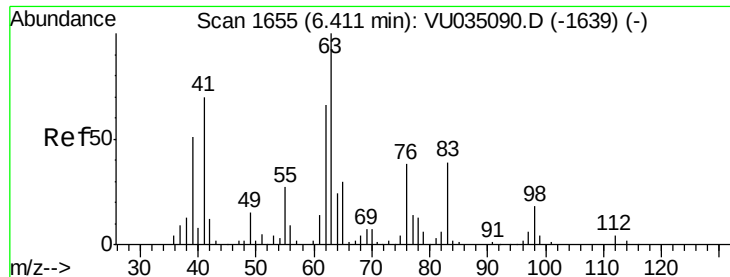


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

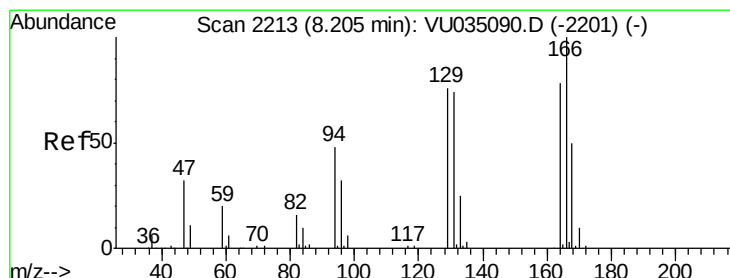
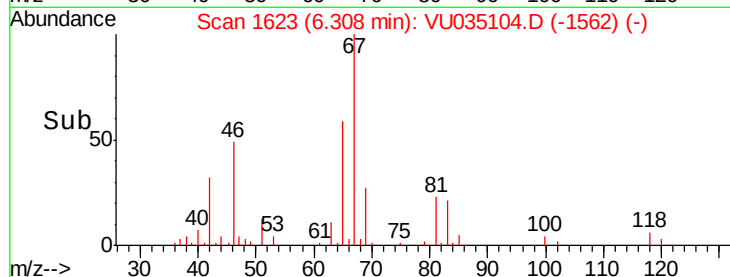
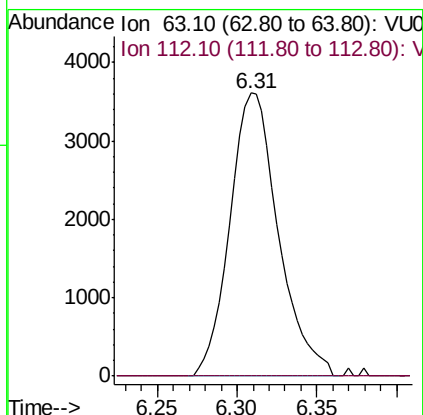
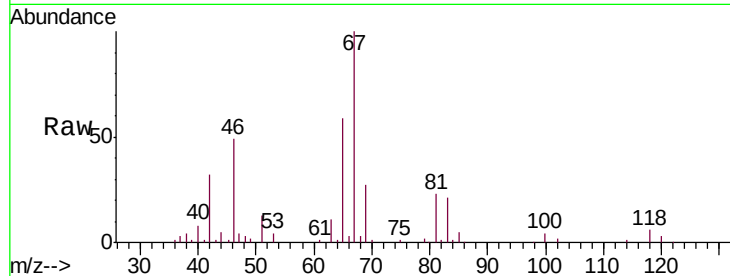




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035104.D
 Acq: 11 Oct 2019 21:10

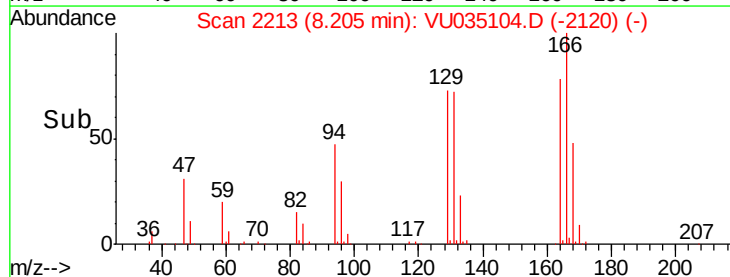
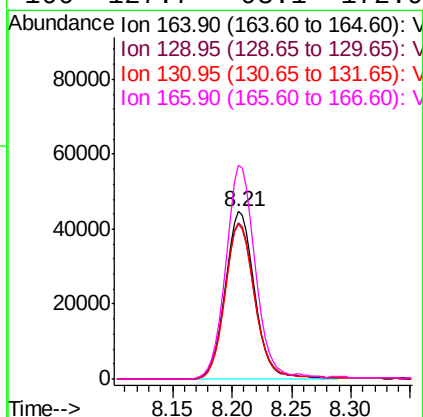
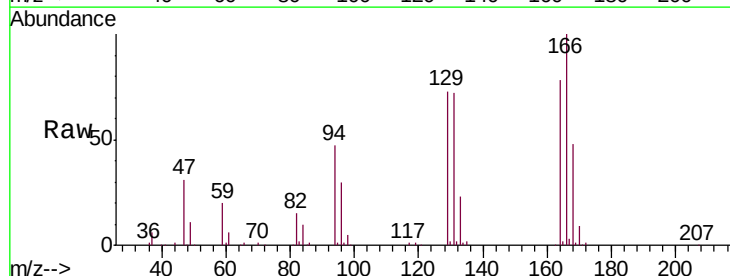
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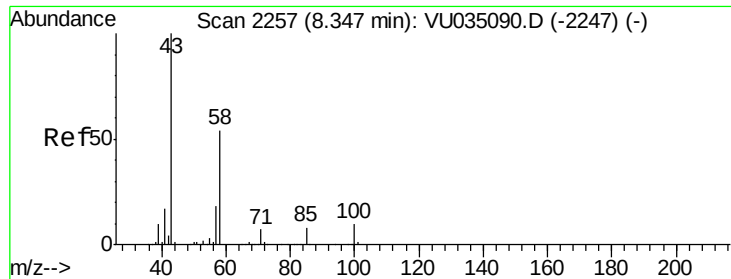
Tgt Ion: 63 Resp: 7480
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.1 4.7#



#47
 Tetrachloroethene
 Concen: 6.912 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU035104.D
 Acq: 11 Oct 2019 21:10

Tgt Ion: 164 Resp: 76947
 Ion Ratio Lower Upper
 164 100
 129 93.6 68.5 127.1
 131 92.5 67.3 124.9
 166 127.7 93.1 172.9

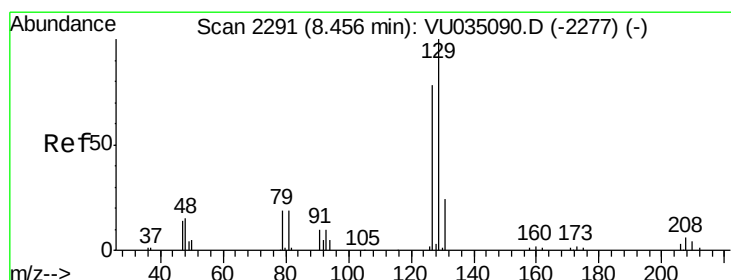
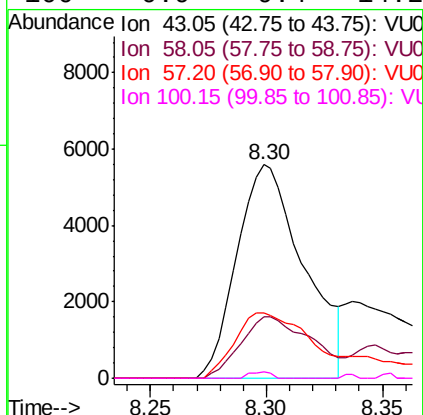
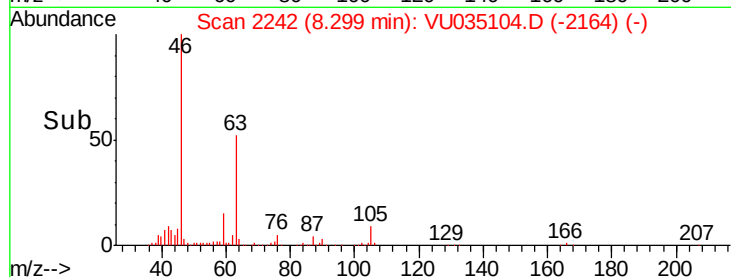
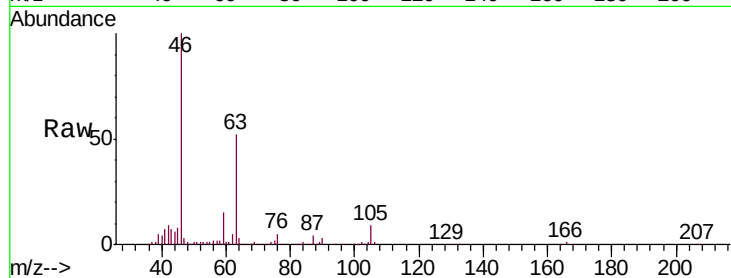




#48
2-Hexanone
Concen: 1.803 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU035104.D
Acq: 11 Oct 2019 21:10

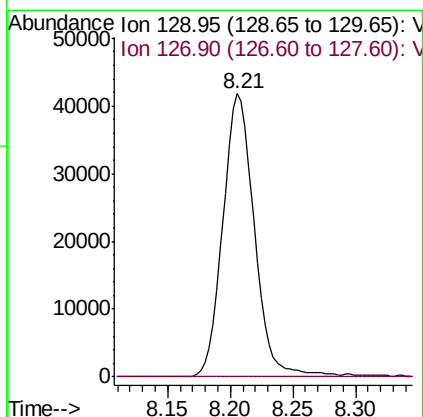
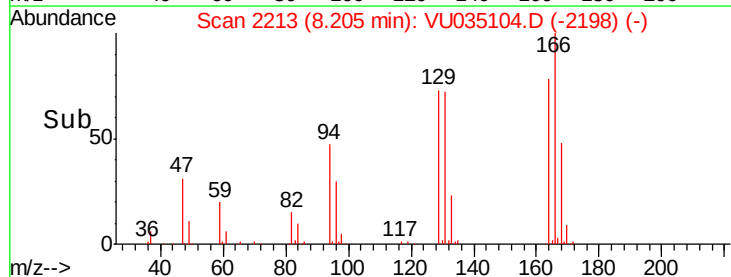
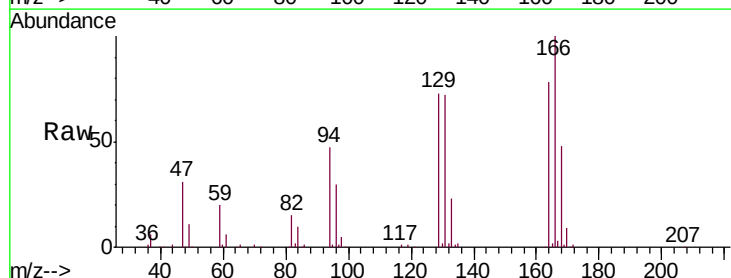
Instrument :
MSVOA_U
ClientSampleId :
MW-15-001-01DL

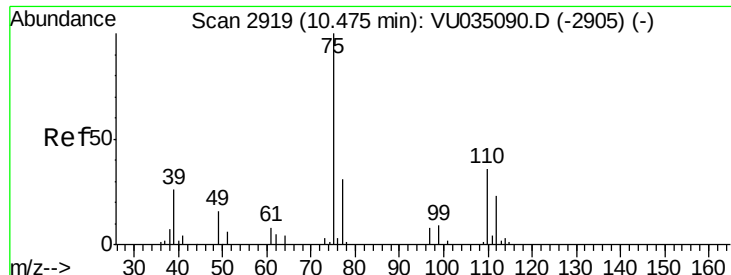
Tgt Ion: 43 Resp: 11191
Ion Ratio Lower Upper
43 100
58 30.3 44.1 66.1#
57 34.6 15.8 23.8#
100 0.9 9.4 14.2#



#49
Dibromochloromethane
Concen: 6.637 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035104.D
Acq: 11 Oct 2019 21:10

Tgt Ion: 129 Resp: 73263
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.832 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035104.D

Acq: 11 Oct 2019 21:10

Instrument :

MSVOA_U

ClientSampleId :

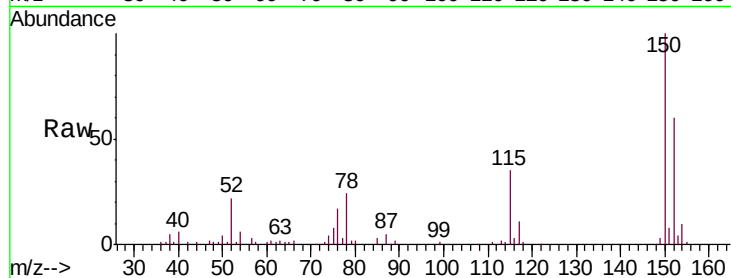
MW-15-001-01DL

Tgt Ion: 75 Resp: 7742

Ion Ratio Lower Upper

75 100

77 38.9 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

