

Data File : VU034960.D
Acq On : 07 Oct 2019 15:22
Operator : JC/SP
Sample : K5219-04 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 09 04:00:34 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	190528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	186455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	82381	7.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	146.40%#
7) Chloroethane-d5	1.67	69	72907	6.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.60%#
11) 1,1-Dichloroethene-d2	2.26	63	113838	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.19	46	228059	68.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.52%#
24) Chloroform-d	4.62	84	117613	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.29	65	79716	6.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.40%
32) Benzene-d6	5.32	84	281523	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.80%#
36) 1,2-Dichloropropane-d6	6.31	67	93927	6.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.60%
41) Toluene-d8	7.54	98	252437	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
43) trans-1,3-Dichloropropene-	7.84	79	31150	5.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.40%
46) 2-Hexanone-d5	8.30	63	169847	67.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.78%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	77744	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.20%#
64) 1,2-Dichlorobenzene-d4	11.84	152	89242	6.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.20%#

Target Compounds

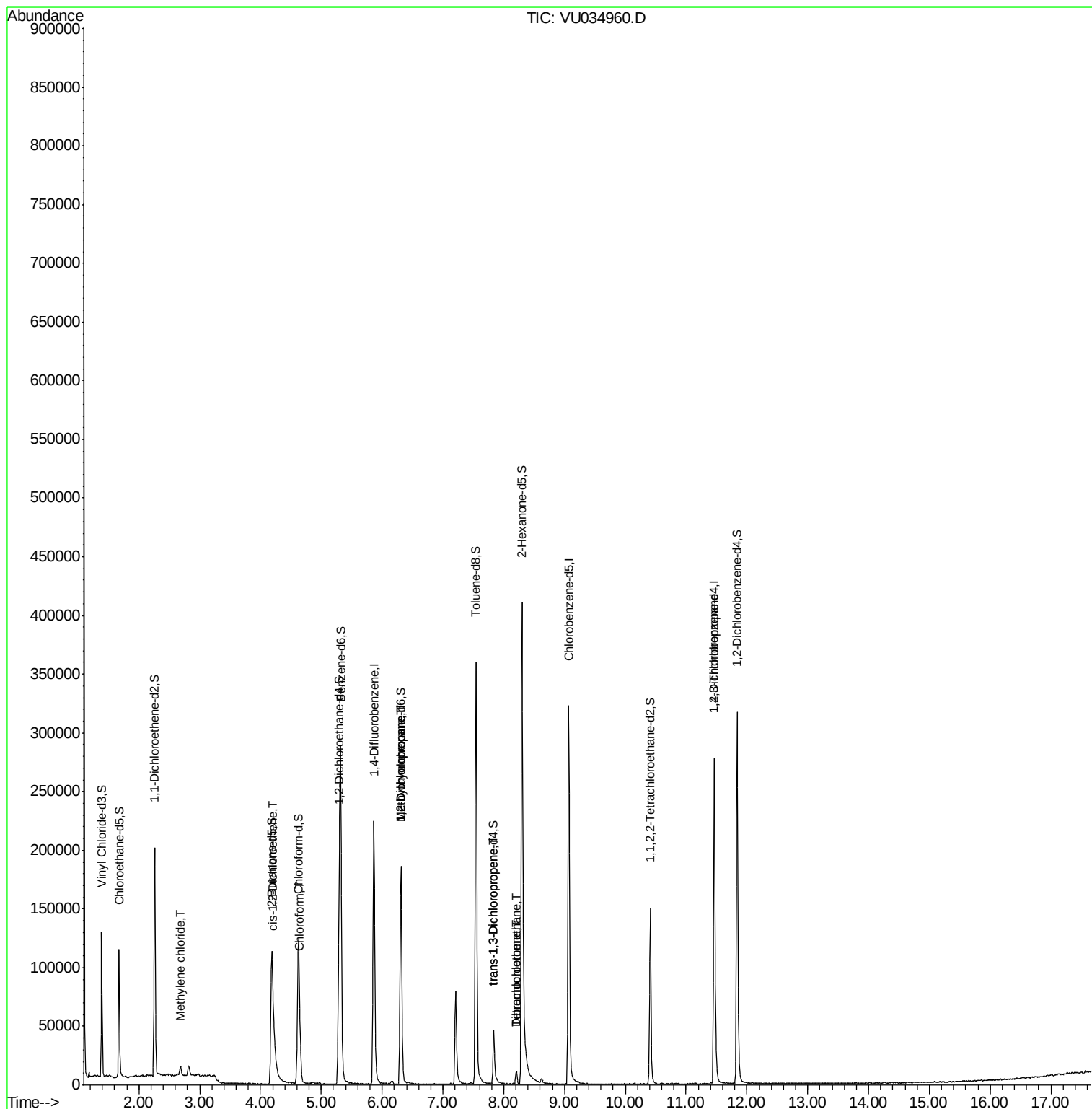
						Qvalue
16) Methylene chloride	2.69	84	2898	0.191	ug/L	90
22) cis-1,2-Dichloroethene	4.21	96	1350	0.092	ug/L	84
25) Chloroform	4.65	83	25327	0.865	ug/L	98
35) Methylcyclohexane	6.31	83	20277	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10233	0.675	ug/L #	89
44) trans-1,3-Dichloropropene	7.83	75	1444	0.091	ug/L #	68
47) Tetrachloroethene	8.21	164	2623	0.224	ug/L	94
49) Dibromochloromethane	8.21	129	2421	0.208	ug/L #	13
59) 1,2,3-Trichloropropane	11.46	75	10537	1.074	ug/L	97

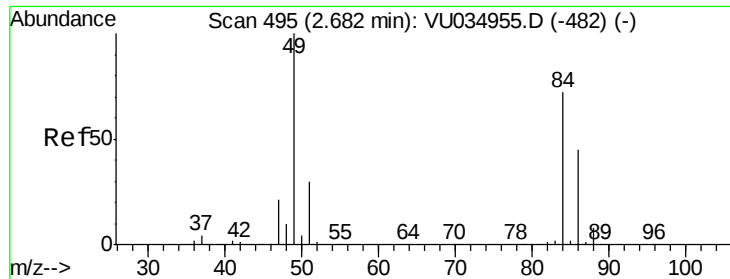
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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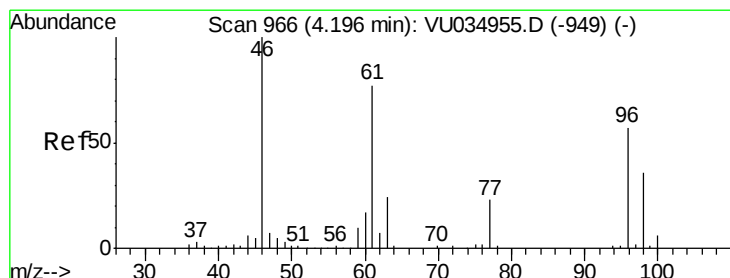
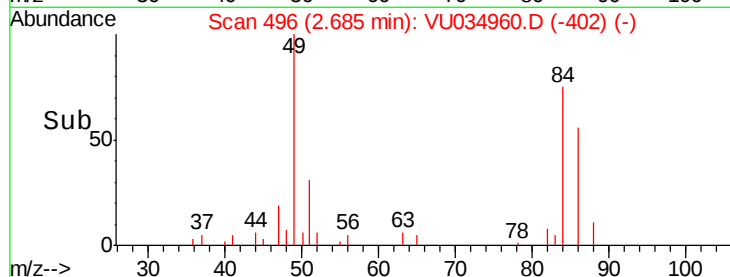
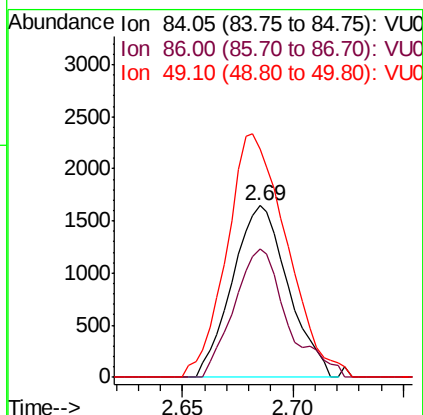
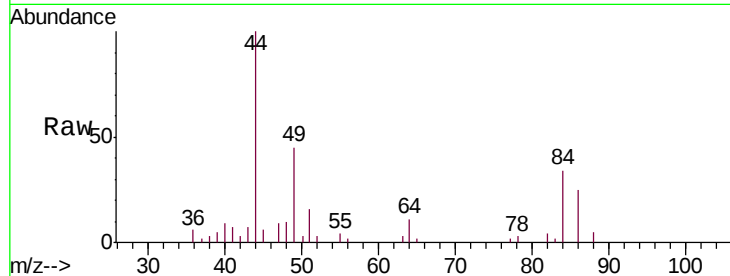




#16
Methylene chloride
Concen: 0.191 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034960.D
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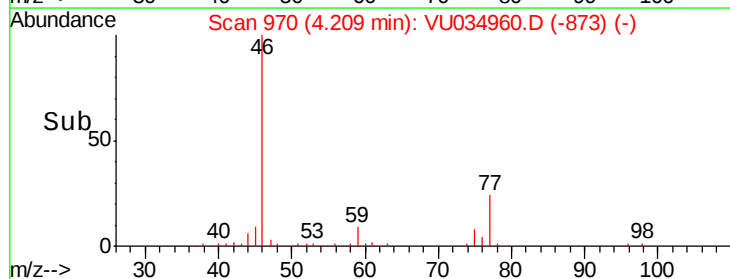
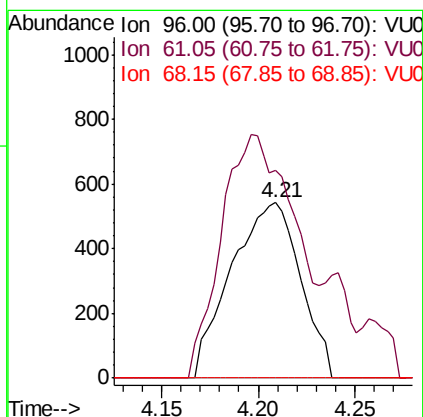
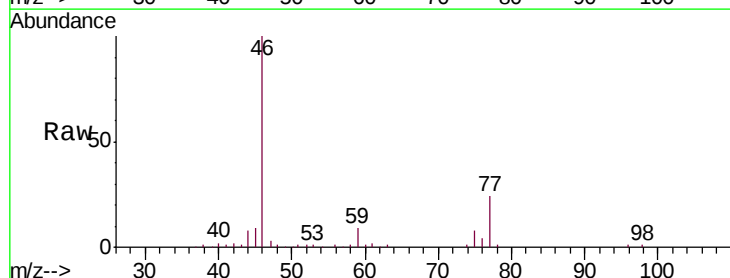
Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01

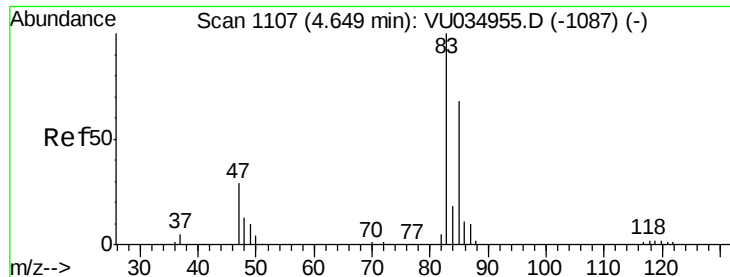
Tgt Ion: 84 Resp: 2898
Ion Ratio Lower Upper
84 100
86 74.7 46.3 86.1
49 132.8 101.4 188.4



#22
cis-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 4.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: VU034960.D
Acq: 07 Oct 2019 15:22

Tgt Ion: 96 Resp: 1350
Ion Ratio Lower Upper
96 100
61 118.4 96.4 179.0
68 0.0 0.0 0.0

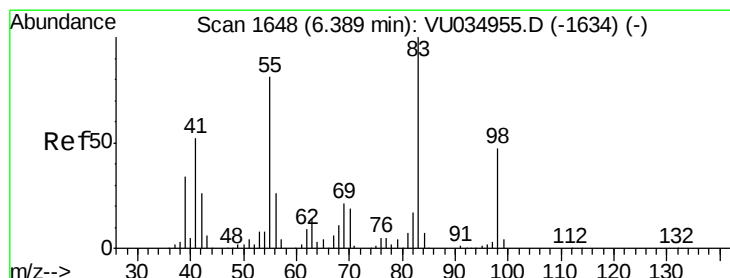
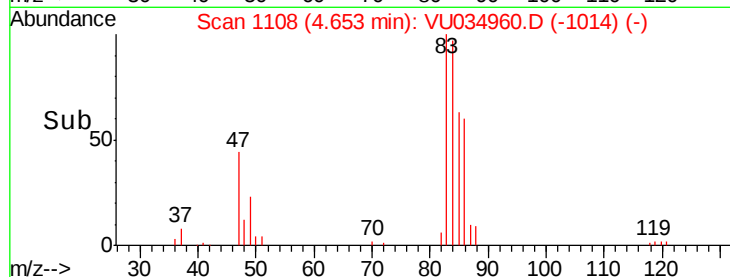
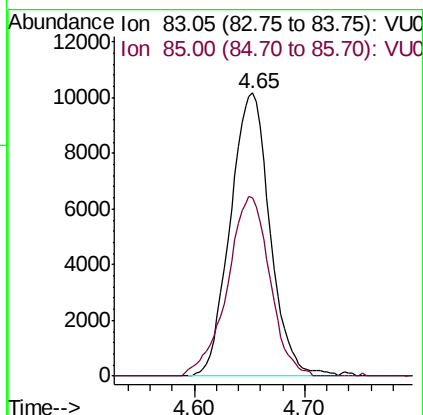
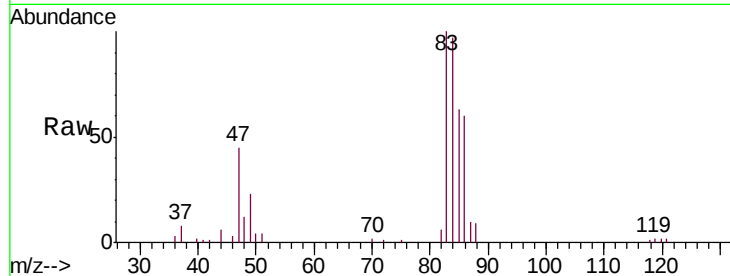




#25
Chloroform
Concen: 0.865 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034960.D
Acq: 07 Oct 2019 15:22

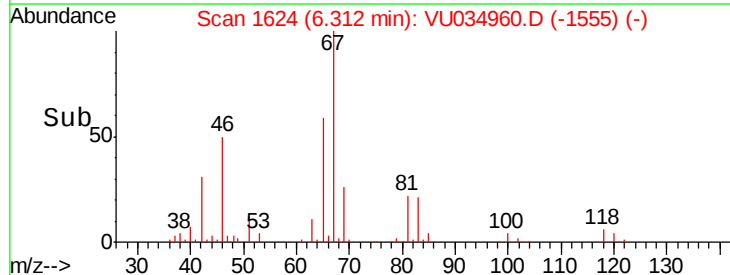
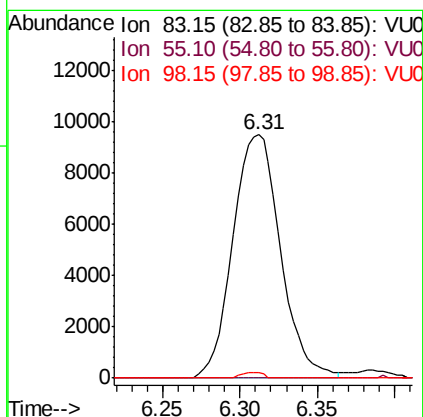
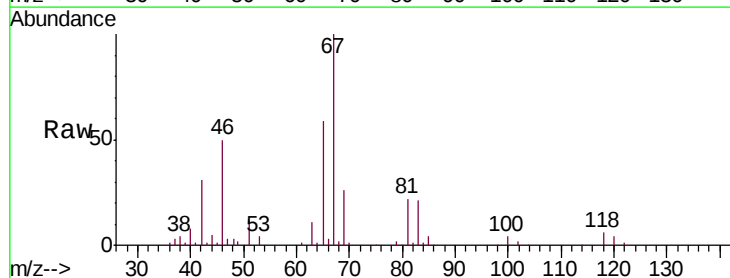
Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01

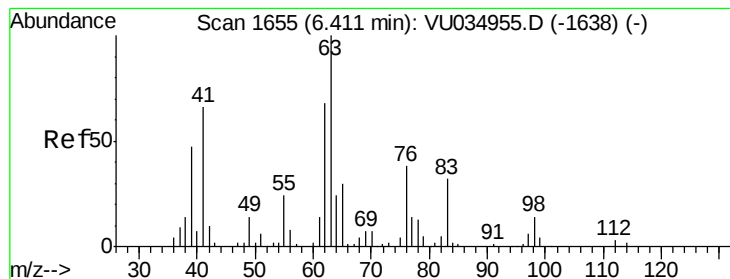
Tgt Ion: 83 Resp: 25327
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.4



#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034960.D
Acq: 07 Oct 2019 15:22

Tgt Ion: 83 Resp: 20277
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 1.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034960.D

Acq: 07 Oct 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

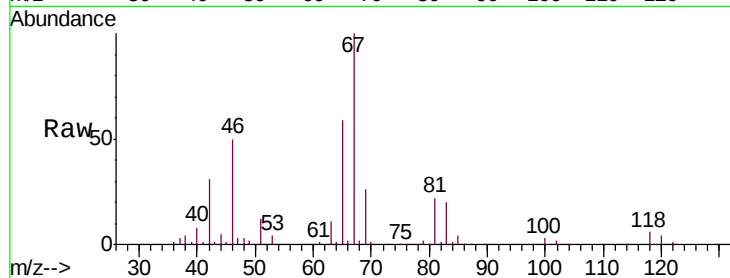
MW-12D-001-01

Tgt Ion: 63 Resp: 10233

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU034955.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU034955.D (-1638) (-)

6.31

5000

4000

3000

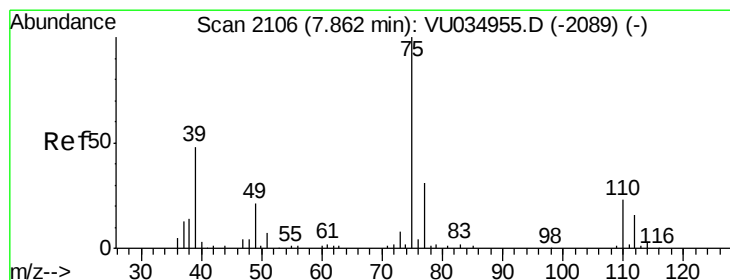
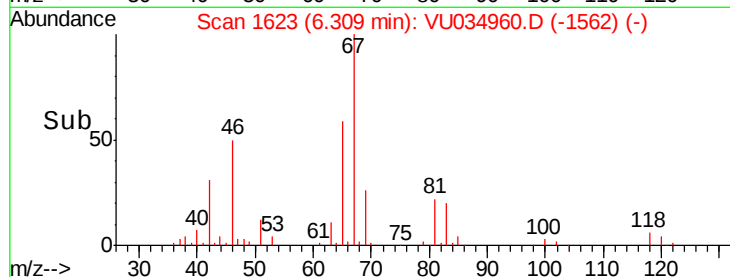
2000

1000

0

6.25 6.30 6.35 6.40

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU034960.D

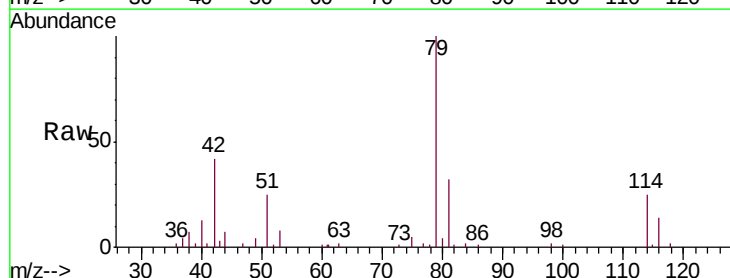
Acq: 07 Oct 2019 15:22

Tgt Ion: 75 Resp: 1444

Ion Ratio Lower Upper

75 100

77 49.8 22.4 41.6#



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

Ion 77.05 (76.75 to 77.75): VU034955.D (-2089) (-)

7.83

800

600

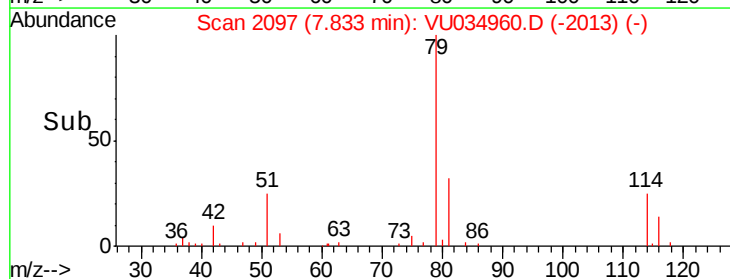
400

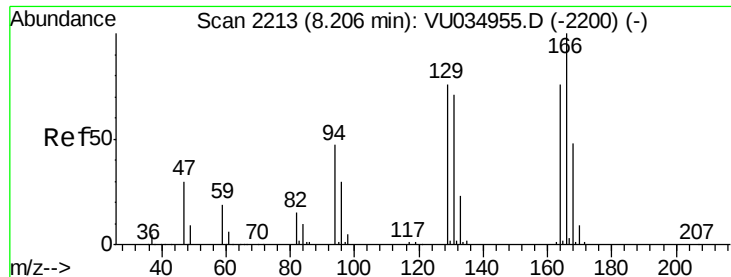
200

0

7.80 7.85 7.90

Time-->

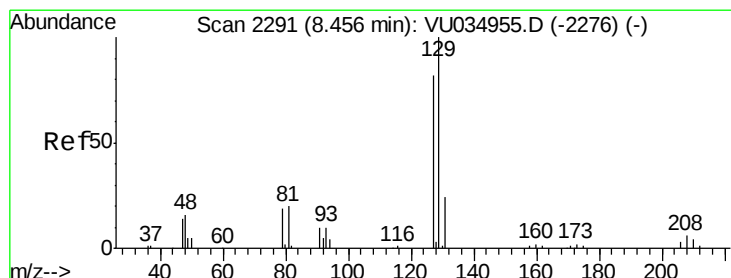
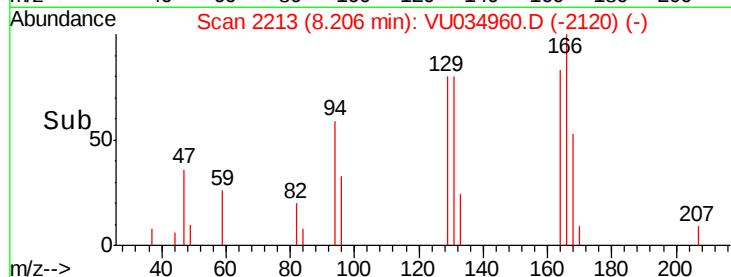
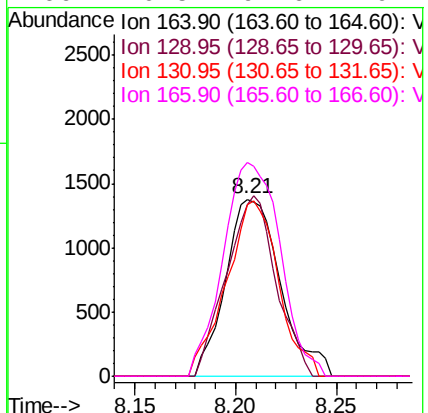
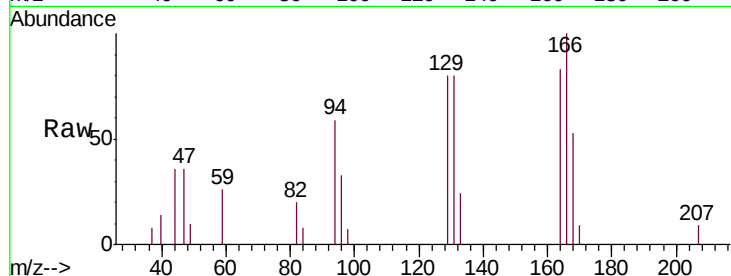




#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034960.D
Acq: 07 Oct 2019 15:22

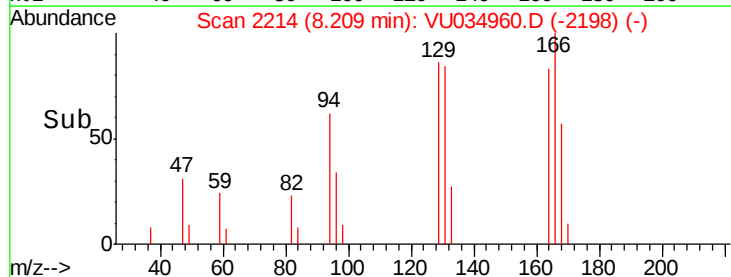
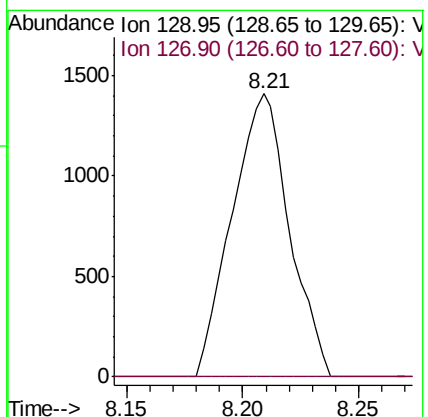
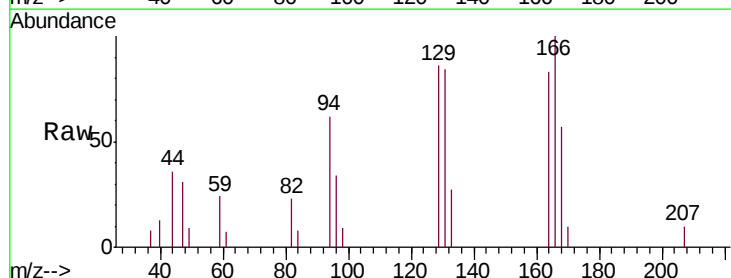
Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-01

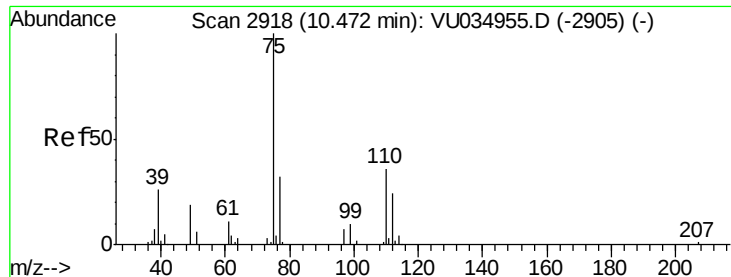
Tgt Ion:164 Resp: 2623
Ion Ratio Lower Upper
164 100
129 96.8 66.5 123.5
131 96.4 63.3 117.7
166 120.5 91.6 170.2



#49
Dibromochloromethane
Concen: 0.208 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU034960.D
Acq: 07 Oct 2019 15:22

Tgt Ion:129 Resp: 2421
Ion Ratio Lower Upper
129 100
127 0.0 51.2 95.0#





#59

1,2,3-Trichloropropane

Concen: 1.074 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034960.D

Acq: 07 Oct 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

MW-12D-001-01

Tgt Ion: 75 Resp: 10537

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.6

